



SETH G.S. MEDICAL COLLEGE & KING EDWARD MEMORIAL HOSPITAL

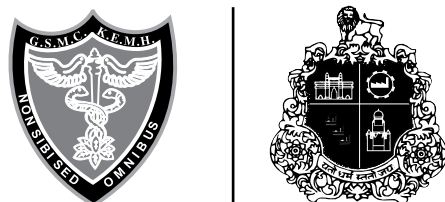
Municipal Corporation of Greater Mumbai

ANNUAL REPORT

2016







Seth G.S. Medical College & King Edward Memorial Hospital
Municipal Corporation of Greater Mumbai

A N N U A L R E P O R T
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A c k n o w l e d g e m e n t s

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The twin institutes of the Seth GS Medical College & KEM Hospital were established in 1926 with a nationalistic spirit to cater to the “health care needs of the northern parts of the island” to be manned entirely by Indians. With a glorious legacy of over 91 years, 20 lakh patients and 70,000 plus surgeries annually, these institutes are among the top ranked in the city and country with the Latin maxim “Non Sibi Sed Omnibus- not for self but for all”, embedded in every heart.

The year 2016 was marked by several achievements. New equipment and services were made possible through funds from the Municipal Corporation, Government agencies and munificent donations of individuals and trustees. To name a few, the Cardiology department commissioned a state of the art 24-hour ambulatory ECG Holter monitoring system and Wi-fi enabled ECG machines. The Biochemistry department acquired several automated equipment and the Department of Dermatology acquired a new state of the art narrow band UVB chamber. The liver ICU construction was completed by the Department of Gastroenterology. The Hematology department inaugurated a new day care facility. A 42-bedded state of art neonatal intensive care unit was also inaugurated in December. A Indo- UK CME was organized successfully by the Department of Pediatrics. The department of Microbiology acquired automated bacterial identification and made available MIC testing for antibiotics. Ophthalmology has initiated Oculoplasty with the help of a visiting surgeon. The Nephrology department established an Interventional nephrology unit and the nuclear medicine department set up a radionuclide ward for patients suffering from carcinoma of the thyroid and has acquired PET with 128 slice CT. Radiology acquired a 1.5 Tesla state of the art MRI, DSA, CT Scan and Digital Radiology Machine. The department of Surgical Gastroenterology successfully carried out 3 cadaveric liver transplants. Several departments either upgraded their equipment or purchased new equipment. Over a 100 CMEs were also organized during the year and the staff published over 350 papers. Free wifi through a donation is also available in selected areas of the campus. The staff members were also bestowed with national and international honors. The Library has been upgraded to provide access to several e books and electronic databases both for education and clinical decision-making.

A glorious paradox of an educational institute is that while the alumni grow old, the Alma Mater grows, forever young. As the institute celebrates its 91st year, it is hoped that these developments will constructively change the institutes for betterment of patients, greater efficiency of its enormous staff and help sounder training of its students and resident medical doctors, not to forget the support staff, nursing school and her alumni. At the end of the day, however, as several thousand patients walk through these hallowed portals each year with hope in their hearts, it will remain our primary responsibility to ensure that they get the best medical care from kind, caring and compassionate physicians, hands that comfort, soothe and heal. In the words of Bob Dole, “When it’s all over, it’s not who you were. It’s whether you made a difference.”

an supe

Avinash Supe

Dean - Seth GS Medical College and KEM Hospital

January 2017

Editor's Note . . .



At the dawn of 2017, we are ready to embark upon another journey and look forward to yet another foundation day. It is now time to take stock and look at the year that was- what was achieved, what went wrong, where could we improve and how we can move forward. This annual report in its individual chapters looks at the work, the teaching, the research, publications, awards, achievements and much more. While the general format of the report has remained the same, it has nonetheless chronicled the numerous changes, minor and major that have taken place in the last 12 months.

The experience of putting this document together has been both humbling and enlightening. A huge thank you is due to Dr Avinash Supe, Dean for his continued faith in me, his patience, vision and tenacity of purpose. This has helped shaped the document. Gratitude is also due to heads and staff members for sending information on time. The editorial team that helped me put the report together deserves sincere thanks. My thanks are also due to my head of the department Dr Urmila Thatte for her inputs throughout the making of the report. I owe a debt of gratitude to the students of my department- Brinal, Renju and Kanaka for their untiring efforts at follow up and help with editing and formatting. Lastly, thanks are also due to Kalpesh and Lakshmesh at Urvi Compugraphics for layout, formatting, and inputs in the cover design and working long hours to ensure that the report is ready on time.

While the compilation has been done over a month with utmost care; the sheer magnitude and diversity of the report may have led to omissions and inadvertent errors. I request the staff members to bear with me. Efforts have gone into making the document comprehensive, yet discerning. It is hoped that as one sifts through the pages, the quality and quantum of patient care, education and research come through and we look ahead to 2017 with new hope and zest.

Nithya Gogtay

Editor – Annual report 2016

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Seth G.S. Medical College & K.E.M. Hospital

Seth G.S. Medical College & K.E.M. Hospital

Vital Statistics

Description	2016
Scheduled beds	2250
Total number of admissions	86290
Average daily admission	236
Total OPD attendance [new]	673025
Total OPD attendance [average of new patients]	2229
Total OPD attendance [old]	1279431
Total OPD attendance [old + new]	1952456
Total OPD attendance [average of old patients]	4237
Average daily OPD attendance [new + old]	6465
Total surgeries	59586
Major	30321
Minor	29265
Scopies	10909
Total deaths	6313
Death rate	7.3%
Total casualty attendance	211355
Total number of medico legal cases	33574
Total of inpatient days	607034
Bed occupancy [average daily occupancy]	1659
Average inpatient stay [days]	7.03
Total number of deliveries	6512

Human Resources - Outline

Nursing staff

• Matron	001
• Sr Assistant Matron	004
• Jr Assistant Matron	005
• Principal	001
• Sister	115
• Public Health Nurse	001
• Sister Tutor	031
• Ward assistant	023
• Theater Assistant	012
• Theater Suptd	002
• House keeper	001
• Staff Nurses	976
• Student nurses	100 each in 1 st , 2 nd , 3 rd and 4 th year

Undergraduate Medical Students

• Ist MBBS	180
• IInd MBBS	186
• III year- first part	176
• Final year MBBS	190

Admissions

• MD/MS	182
• Diploma	053
• DM	024
• Mch	018
• M O Th	010
• M P Th	020
• MSc	012
• MSc – by research	003
• PhD	005

Filled posts- Clinical Departments

• Professor	075
• Associate Professor	103
• Assistant Professor	180

Filled posts – pre and para clinical departments

• Professor	030
• Associate Professor	066
• Assistant Professor	104

Junior residents

• 1 st year	234
• 2 nd year	206
• 3 rd year	163

Senior residents

• 1 st year	040
• 2 nd year	040
• 3 rd year	035

Other residents

• House officers	022
• Registrars	083

Achievements and Highlights

Achievements and Highlights

Anatomy

- Biometric Attendance Systems for students installed
- Started conduct of online e-learning modules on topics of clinical relevance using MOODLE (Learning Management Systems).
- Use of Google page “sites.google.com/site/gsmcanatomy/ home” that provides presentation of the lectures to students and opportunity to interact with faculty members.
- The department organised Dr G M Kurulkar oration (ORACON 2016) where Dr. Nupur Kapoor Nerurkar, Laryngologist and Voice Surgeon from Bombay Hospital, spoke on “Tweaking Laryngeal Anatomy in Phonosurgery”.

Anesthesia

- USG guided central and peripheral lines in high risk patients
- Video-endoscopic intubations in difficult cases
- Anesthesiology department catered to 43 operation theater tables located in 15 OT complexes. Anesthesia services were given to about 63,000 surgical patients & the department catered to 28,000 Anesthesia OPD patients for pre-operative evaluation.
- Special post-operative pain relief services and anesthesia intensive care unit.
- A regular pain clinic service
- Anesthesia services given for workshops conducted in the following specialties: Pediatric Surgery OT, GI surgery OT, Orthopedic surgery OT, Urology OT & Plastic Surgery OT.

Biochemistry and Clinical Nutrition

- Acquired two new Olympus AU 680 Fully Automatic Biochemistry Analysers
- Acquired Two Olympus AU 400 Fully Automatic Biochemistry Analysers
- Acquired One Erba Mannheim EM 200 Fully Automatic Biochemistry Analyzer
- Acquired one Thermofisher Scientific Spectronic 20D Spectrophotometer.

Cardiology

- Implementation of the primary angioplasty in acute myocardial infarction (STEMI CARE) program, which has benefitted many patients.
- The state-of-the-art Mortara 24-hour ambulatory ECG Holter monitoring system and new Philips wi-fi enabled ECG machine was acquired.
- A fully automated PCI ETO sterilizer was installed in the cath lab.
- A significant number of publications being accepted in national as well as international indexed journals and chapter contributions to various cardiology updates. Several new clinical trials, including novel lipid lowering agents and pulmonary hypertension therapy trials have been initiated.
- Several complex interventions were performed in the cath lab, including transcatheter closure of ischaemic VSR, neonatal AP window, RSOVs, neonatal BAV, BPV and coarctoplasty and PCI of chronic total occlusions, left main coronary lesions and complex bifurcations.
- Dr P G Kerkar being elected as the organizing secretary of the prestigious national conference of the Cardiological Society of India in Mumbai, 2018.

Chest Medicine

- Sanctioning of extra faculty positions based on workload
- A workshop on Pulmonary Function Tests conducted at NAPCON 2016
- A CME on Allergy and Immunological disorders conducted on 21 Oct 2016
- Alumni meet organized on 14 August 2016

CVTS

- Progress made in minimally Invasive Cardiac Surgery including surgeries of congenital heart disease, valve replacements, single and multi-vessel coronary disease.
- 50 minimally invasive surgeries performed in the year

Clinical Pharmacology

- Vigiflow Pharmacovigilance Advanced Training workshop held on 19 March 2016
- Standardized method for estimation of the anti-epileptic drug Levetiracetam in plasma as part of patient care for patients of Epilepsy
- The faculty members were invited by the Editor of the Journal of Association of Physicians of India to pen a Biostatistics and Ethics series for the journal over the next two years

Community Medicine

- Organized the state level conference on “Achievements in Million Development Goals 2016- time for Action.....” at G. S. Medical College in February, 2016, inaugurated by Hon. Vice Chancellor Maharashtra University of Health Sciences.
- Developed a mobile based app on “1) Rapid detection of water contamination in well water 2) App on Rapid assessment & redueasal of health issues in antenatal, intranatal and post natal period in collaboration with TCS and Alberta University Canada.”

Dermatology

- Installation of new state-of-art narrow band UVB chamber
- Increased number of MD Dermatology annual admissions
- Initiated research projects in collaboration with ICMR immunohematology, biochemistry and clinical pharmacology departments.

Dentistry

- Abbott Laboratories conducted multiple Dental education lectures on diverse topics
- The department has started actively managing and performing full mouth treatment on patients with Hemophilia, Clotting factor disorders, Aplastic anaemia and Pregnant women.
- Full mouth rehabilitation has been started using the latest implant technology.

Endocrinology

- Initiation of a webinar with the Michigan University once every two months for discussion of interesting cases
- Dr Swati Ramteke-Jadhav awarded the AV Gandhi award for excellence in endocrinology [best clinical research award 2016]

ENT

- Organized live workshop on Laryngo-tracheal surgeries on 30th July 2016 in collaboration with Prince Aly Khan hospital
- Started Baha Attract programme for children without ears [anotia, microtia]

Forensic Medicine

- One Stop Crises Centre and Centre of Excellence for the Survivors of Sexual assault
- Organized a one CME on “Communication Skills Towards Management of Untoward Situations At Emergency Patient Care Services” on 18th August 2016
- National CME on “Child Abuse with Special reference to POCSO Act” organised on 09th April 2016

Gastroenterology

- Organized EUS Mentorship conference on 9th Sept to 10th Sept 2016. [First EUS conference among MCGM hospitals].
- A Hepatology quiz for residents doing their MD/DNB training in Mumbai on 10th July 2016 and 31st July 2016 .
- Telemedicine program for Peripheral Hospitals.
- Liver ICU construction completed.

Hematology

- New ward has been inaugurated for Hematology day care center located wing on 19/12/2016 with a facility of 10 beds and 5 reclining chairs.

Medicine

- Out of country graduates and postgraduates are posted for tropical disease training for period of 2-6 weeks.
- 16 Multipara Monitors, 1 USG & 2D Echo Machine were purchased for Critically ill patients.
- 1 ECG machine and 2 Defibrillator were procured for patient care.
- Following new facilities added in the Hypertension OPD- digital instruments for blood pressure measurement, ambulatory blood pressure measurement, simultaneous measurement of BP in both limb

Microbiology

- In 2016, the NABL accreditation as per ISO 15189:2012 for all the tests carried out was renewed for a further period of two years after a successful assessment.
- Automated bacterial identification and MIC for antibiotics has been made available
- Viral loads for HIV, HBV and HCV has been initiated for select patients.

Neonatology

- Renovation of NICU under MCGM CSR project by Mazgaon Dock Shipbuilders Ltd. State of art NICU of 42 beds inaugurated on 29/12/ 2016.
- Initiation of Bailey Scale of Infant Development (BSID) III for neurodevelopmental assessment of NICU graduates during follow up
- Initiation of hearing screen for all NICU graduates

Nephrology

- Establishment of “Dr. V. N. Acharya Division of “Interventional Nephrology.” Unit has started delivering services like percutaneous placement of CAPD catheters, placement of cuffed haemodialysis catheters and kidney biopsies.
- Successful performance of “Swap Kidney transplant” i.e. paired kidney exchange. This is the first incidence of such transplant at public hospital.
- Emergency Bed-side haemodialysis facilities started due to portable Reverse osmosis unit became available.
- 100% DM Nephrology Result.
- Only centre to give 24 hours’ dialysis.

Neurology

- Conducted (Stroke) awareness program for acute stroke Treatment in Casualty and Nursing staff of EMS.
- Organised on 13th August Bharucha Oration - delivered by Dr. Sarosh Irani on auto immune epilepsy.

Neurosurgery

- Innovative techniques developed for treatment of complex craniovertebral anomalies including basilar invagination, Chiari malformations and atlantoaxial dislocations. Plate and screw fixation of C1-C2 junction and distraction of the craniovertebral junction by spacer devised Innovative techniques developed for the treatment of degenerative spinal disorders.
- Extensive management of complex brain tumors including trigeminal neurinomas, foramen magnum meningiomas, sphenoid wing meningiomas and cerebellopontine angle tumors.
- Five articles included in Highest cited 100 papers published in Neurology India.
- Two articles included in ‘The hundred most influential publications in cervical spine research’. –Publication in Spine 2016.

Nuclear Medicine

- Started Radionuclide therapy ward for cancer thyroid patients.
- Dedicated PET/CT machine is being installed with 128 slice CT.

Nursing

- Cadaver training was provided to 60 Nurses.
- Organ transplant training was given to 400 Nurses.
- Several training workshops organized

Obstetrics and Gynecology

- CMEs organized on “Thromboembolism in Pregnancy ” and “Myomectomy”
- Workshops organized on Research methodology, Good clinical practice, Communications skills, Time management and Stress management
- Publication of two free e books by Dr S V Parulekar (Professor and Head) and Procedures Manual in Gynaecology and Obstetrics Operation Theatre Techniques – Obstetrics & Gynaecology

Occupational therapy

- ‘Access and Access Audit’ workshop on 15th & 16th January 2016.
- Workshop for Parents on ‘Management of Child with a diagnosis of ADHD at Home’ on 12th February, 2016.
- ‘*Hand Splinting For Occupational Therapists*’ on 26th and 27th Aug, 2016
- ‘Neurodevelopmental Care in NICU’ on 22nd – 23rd November, 2016.
- MUHS approved ‘Basic workshop of Research Methodology’ – 14th – 16th December, 2016

Ophthalmology

- Appointing of an Oculoplasty visiting surgeon
- Newer surgeries like high myopia correction and phakic intraocular lens initiated
- Two all pupil indirect ophthalmoscopes acquired

Orthopedics

- In search of excellence protocol has led the patient management in subspeciality of spinal surgery, arthroplasty and arthroscopy.
- The department has taken an active part in conducting various academic activities and workshops in the year 2016 such as: IAS Cadaveric Course (21st Aug 2016 & 16th Oct 2016), Bombay Orthopaedic Society Pelviacetabular Course (8th July to 10th July 2016), Meeting of Arthroscopy Academy (15th July to 17th July 2016), Monthly Clinical Meetings, Western India Regional Orthopaedic Conference (WIROC)(2ND & 3rd December 2016). Operative Demonstration of 26 cases (Trauma, Spine, arthroplasty) in WIROC 2016, Just unique shoulder workshop in 2016, ISHKS teaching programme in 2016, PG teaching programme in 2016.

Pathology

Patient Care

- Up gradation and Automation of the Emergency Medical Laboratory Services in Pathology, Surgical Pathology & Cytology, Cardiovascular Pathology, Hematology & Clinical Pathology, Neuropathology & Out Patient Department of laboratory for better services and timely delivery of reports.
- Department of Pathology has regular meetings with clinical departments (Endocrinology, Gastroenterology, Nephrology, Cardiac Surgery, Chest Medicine etc) for discussion on problem related and interesting cases, to further improve knowledge and better patient care.
- Expansion of Immunohistochemistry for Tumor typing with addition of more antibodies
- Continuing participation in External Quality control program for hematology, histopathology with AIIMS, lipid and enzyme biochemistry with CMC Vellore and Randox Laboratories, UK, and cytopathology with Tata Memorial Hospital.

Education

- Conducted Cytology CME in February 2016 with visiting international faculty Dr. Dina Modi, USA and participation of 280 delegates
- Conducted an all-India level Autopsy Workshop with 225 delegates in 31st March – 2nd April, 2016.
- “Hands-on-slide viewing session of peripheral blood smears and bone marrows” 2016, Dr. Daksha P, Dr. Tejaswini, Dr Ratnaprabha Ghodke , Dr Jayashri Chaudhari

- Guest Lecture: Dr Aarti (Harvard Medical school) – Breast cancer Genomics on December, 2016.
- Pathology alumni meet in April 2017 to celebrate 90 glorious years of existence of our institutions

Pediatric Surgery

- Completed 22 cases of 3-D laparoscopy till date
- Department has procured upper oesophageal balloon dilator and started oesophageal balloon dilatation in Paediatric patients

Pediatrics

- Dr. Mukesh Agrawal and Dr Mamta Muranjan- organization of Indo-UK Genetic CME organized by Department of Pediatrics, Seth GS Medical College & KEM Hospital and Indo-UK Genetic Education forum, December 15, 2016.
- Dr. Sunil Karande appointed as Editor of Journal of Postgraduate medicine (2016-2020)
- Several International Observers and trainees posted during the year

Pharmacology and Therapeutics

- Department of Pharmacology & Therapeutics organized Panel discussion on 'Protecting the Rights of Patients in Clinical Research' on the International Clinical Trials Day in coordination with Indian Society for Clinical Research on 20th May 2016.
- Team of II MBBS students (Raghavendra Pandit, Yash Sharma and Shruti Jaysingkar) of Seth GSMC & KEMH, August 2015 batch Runner up trophy in the "Dr. A. S. Paranjpe Pharmacology Intercollegiate Quiz", organized on 7th September 2016, at Seth GS Medical College & KEM Hospital, Mumbai.
- Team of II MBBS students (Dr. Sourabh Dembla, Dr. Armaandeeep Singh and Dr. Saad Ahmed) won the state level pharmacology quiz 2015 held at MIMER, Talegaon on 5th March 2015.
- Faculty members and postgraduate students bagged 10 awards for paper presentation at different National conferences / events held this year.
- The faculty members conducted 3 day workshops on Research Methodology & Biostatistics at Terna Dental College, Navi Mumbai, and MGM Dental College, Navi Mumbai. They were also invited as guest faculty at various institutions to conduct sessions in Research Methodology workshops.

Physiology

- Second National conference on scientific awareness on zoonotic disease control" organized by Department of Physiology at GSMC & KEM hospital on 29th March 2016
- ORACON -2016 Dr. A.C. Durate Monteiro oration by Dr Sathya Subramani on "Septic shock and alpha block." organized by Department of Physiology at GSMC & KEM hospital on 7th Dec. 2016.
- Medical humanities guest lecture by Dr Hemant Morparia, cartoonist & Radiologist, organized by Department of Physiology at GSMC & KEM hospital on 3rd Dec. 2016.

Physiotherapy

- Formulation and Execution of teaching program for graduate and postgraduate Physical Therapy courses.
- Formulation of Clinical teaching and training program for graduates and postgraduate courses like Motor Control Retraining for patients with Stability Dysfunctions, Patients with Brachial plexus injury, Patients with hand injuries and Neuromuscular diseases
- Fitness Training in obese women with musculoskeletal dysfunction, Geriatrics and Osteoporotic Women
- Functional Rehabilitation for patients with hip & knee Replacement arthroplasty, premature babies on ventilator, Pre and Post-operative care to minimize pulmonary complications, and Cardiac Pulmonary conditions, syncope tilt table training, adverse Neuro-dynamics in Musculoskeletal Condition, Ozone therapy in patients with amputations and Wounds, stroke Rehabilitation and psychiatric disorders

Plastic Surgery

- Organized "Camp Karma" the 3rd Burn survivor camp for children of our country from 12th to 14th Nov 2016
- Partnership with 'ReSurge International', to benefit post burn contracture patients – all treatment provided free – including surgery, consumables, pressure garments and splints.

Psychiatry

- Methadone maintenance clinic in collaboration with the United Nations office of Drugs and Crime
- HITGUJ helpline – accessed by citizens all over India and a few from outside India. Open 24x7 [4304 calls received to date]
- Workshops conducted for BEST staffers on stress management [765 beneficiaries]

Radiology

- The Radiology Department is being upgraded with the latest State-of-the art infrastructure with the installation of 1.5 Tesla strength Magnetic Resonance Imaging (MRI).
- The MRI machine, “MAGNETOM Aera” has been procured and installed at the ground floor of the old Building in the Radiology Department.

Social services

- Free breakfast & free packed lunch has been arranged through donors for relatives of indoor patients.

Surgery (General Surgery)

- Dr. A N Dalvi completed 200 laparoscopic adrenalectomies highest in India.
- 2nd edition of book titled “Manual of Instruments and Operative surgery” by Dr. A. K. Gvalani
- Dr. J. A. Gandhi Successfully completion of “Robotic Surgery training” at Roswell Park Cancer Institute, Buffalo, USA.
- Dr. Ram Prajapati underwent “FSRS certification and Robotic Surgery training” at Roswell Park Cancer Institute, Buffalo, NY, USA.
- Dr. A. N. Dalvi - Elected to the Board of Governors – Endoscopic and Laparoscopic Surgeons of Asia (ELSA), Elected as Executive Committee member of the Association of Surgeons of India (ASI) and Congress President – Indian Association of Gastrointestinal Endosurgeons congress held in Srinagar April 2016.
- Dr. Aparna Deshpande elected to the executive committee of IAGES west zone.
- The following specialized services were provided [upper GI scopy, breast services, comprehensive management of burns]

Surgical Gastroenterology

- Organ Donation Awareness organized at IMA Goregaon, Mumbai 2nd October 2016
- Started MUHS Fellowship in HPB and Liver Transplant Surgery with intake of 1 candidate annually.
- Started Maharashtra Govt Sponsored One year Fellowship for Rural Surgeons in GI Surgery
- 3 successful cadaveric liver transplants

Transfusion medicine

- Dr. Jayashree Sharma passed the NABH Assessor course and has been empanelled as Assessor for carrying out assessment of blood banks/ blood centres against NABH Accreditation standards in Blood Banks.
- Dr. Jayashree Sharma has been appointed as Chairperson for Quality Review Panel. (constituted by Haemovigilance Programme of India, National Institute of Biologicals, Ministry of Health & Family Welfare, New Delhi) .
- The Department has been awarded NABH Accreditation by NABH-National Accreditation Board for Hospitals and Health Care providers, Quality council of India, New Delhi from 22.08.12 to 21.08.2015, and then renewed from 22/08/15 to 21/08/18 first Public Hospital in Maharashtra to get NABH Accreditation.

Urology

- The department has started the advanced laparoscopic programme along with advanced oncology & reconstructive surgical programme.
- The department procured ‘Revolix Laser Machine’ dual Thallium and Holmium laser for comprehensive management of prostate, bladder cancer & stone surgery.
- For patients with erectile dysfunction with failure of conservative therapy, the department offers penile prosthesis at low cost.
- A record number of 44 paediatric PCNL/URS were performed

Awards and Honors

Awards and Honors

Anatomy

- Raghavendra Pandit and Renuka Ashtekar, first year MBBS students secured second and third positions in the Elsevier Basic Sciences Olympiad 2015-16
- Dr. Mrunal Muley was ranked third and Dr. Neha Saraf was ranked fifth in the MD-Anatomy examinations conducted by MUHS in May 2016.

Anesthesia

- Uncommon treatment option for a common Pediatric Airway Problem: Best poster award- NCPA 2016, Vellore. Authors- Dr Raylene Dias, Dr MS Tullu, Dr CT Deshmukh
- Critical Incidents in pediatric Anesthesia – a prospective analysis over a one year period. Best Paper award- 1st Prize. Staff Society meet KEM Hospital Feb 2016. Authors- Dr Raylene Dias, Dr Nandini Dave, Dr Madhu Garasia
- A Randomized prospective comparative study between Miller and Oxiport Miller blades for neonatal and infant intubations. Best Paper award- 1st Prize. Staff Society meet KEM Hospital September 2016. Authors- Dr Raylene Dias, Dr Nandini Dave, Dr Madhu Garasia.
- Subglottic stenosis in a neonate- CHAOS- Best Paper presentation in case report category- 2nd prize. DAC- TMC 2016. Authors- Dr Priyanka Karnik, Dr Nandini Dave, Dr Madhu Garasia
- First prize in poster presentation (case report) in TMC-DAC 2016 Conference organized by Department of Anaesthesia, Critical Care and Pain, Tata Memorial Centre, Mumbai. Endorsed by : All India Difficult Airway Association(AIDAA)
- Dr. Sanjeeta Umberkar Elected as joint secretary for ACTA Mumbai 2016
- Patent filed for Respiro and airway instrument by Dr Nirav Kotak and Dr Nilesh Patil.
- President of Research Society of Anesthesiology Clinical Pharmacology, Mumbai Branch—Dr. Indrani Hemantkumar Chincholi

Biochemistry and Nutrition

- Dr. R. K. Anjaria Prize – Ms. Nitu Nair, 1st in M.Sc. Biochemistry, Mumbai University. Awarded on Foundation Day.

Cardiology

- Dr.Prafulla Kerkar—awarded the Dr.K.K.Datey Memorial oration at the 68th Annual Conference of the Cardiological Society of India in Kochi, Kerala.
- Dr Irshad Pathan earned 1st rank in DM Cardiology Examination held in year 2016 by the Maharashtra University of Health Sciences, Nashik.

Chest Medicine

- Awarded AHTESAAB “SERVICE TO HUMANITY AWARDS 2016” to Dr.Amita Athavale for excellent service in public health system.
- First prize for oral presentation in NAPCON 2016 (Allergy Section) to Dr.Aditi Punwani, Dr. Amita Athavale for Effect of air quality levels on prevalence of asthma and respiratory morbidity.
- First prize for poster presentation in NAPCON 2016 to Dr. Bhavya Baldwa, Dr.Amita Athavale, Dr.Sonal Karpe, Mahesh Jansari for Cavitary consolidation in a diabetic - is it always tuberculosis?

Clinical Pharmacology

- First Prize for paper entitled ‘Does Audio-Visual Recording of the Consent Process Enhance Participant Understanding?’ at Indian Society for Clinical Research [ISCR] 2016 conference held in Mumbai in January.
- An audit of approval letters issued by the Drug Controller General of India (DCGI) to the ethics committees in India. Authors: Bhide SS, Katkar JV, Maurya MR, Gogtay NJ, Thatte UM. Awarded the best poster at the annual meeting of the Indian Society of Clinical Research, Jan 2016

Community Medicine

- Dr Sujata Lavangare was awarded the first prize for AFTT LOGO COMPETITION during the SPORTS PROGRAMME on 20th August 2016 at Seth GSMC
- Dr. Pravin Davuluri, RMO won prize for best poster for hand washing among tribal children in IAPSM & IPHA conference.
- Dr. Roopali Bhujbal won prize for poster on Breastfeeding during Breast Feeding Week celebration.
- Dr Anuradha Mohapatra- Best Poster Presentation at International conference of involvement of males in SRH of females, Mumbai Mar 2016
- Dr Chinmay Gokhale-Runner-up prize in Poster presentation at IAPSM National Conference held at Gandhinagar, Gujarat in Jan 2016
- Dr Praveen Davuluri-Winner of Poster Presentation at IAPSM/IPHA joint conference held at KEM Hospital, Mumbai in Feb 2016
- Dr Mandar Baviskar-Winner of Dr Bhalerao prize in School Health paper Presentation at IAPSM/IPHA joint conference held at KEM Hospital, Mumbai in Feb 2016
- Dr Dipika Shrestha- Winner of Dr P Subramanian prize in Community Health paper Presentation at IAPSM/IPHA joint conference held at KEM Hospital, Mumbai in Feb 2016
- Dr Anurag Dhonundiyal- Late Dr Chandrakant Patil award for the best resident in community services
- Dr Mandar Baviskar - Dr P Subramanian award for best resident in Community Medicine
- Dr Vishal P, Dr Rupali Bhujbal, Dr Shruti Shastri- Gold medal at IAOH quiz
- Dr Rupali Bhujbal- 1st prize in MBPC poster making competition in World Breast Feeding Week
- Dr Anuradha Mohapatra- 3rd prize in MBPC poster making competition in World Breast Feeding week
- Dr Shruti Shastri- 1st prize in slogan competition on World Health Day 2016
- Dr Rashmi, Dr Rohan, Dr Bhanupriya, Dr Barsha, Dr Pratik, Dr Santosh-2nd prize in MBPC street play competition in World Breastfeeding week
- Dr Ashis J, Dr Yogesh Wadgave-Gold medal in intercollegiate badminton championship, April 2016
- Dr Yogesh Wadgave-Gold medal in intercollegiate chess championship, April 2016
- Dr Yogesh Wadgave-3rd prize in National level chess championship for doctors, October 2016
- Dr Swapnil Inkane-Winner of institutional Table tennis championship
- Dr Yashowardhan Kabra- Elected as KEM MARD and later central MARD president

CVTS

- MCH Gold Medal Dr Aayush Goyal, MUHS Nashik
- MCH Rank Second Dr Sundeep S, MUHS Nashik

Dermatology

- Award for Clean OPD- 2016
- Dr Priyal Gala- Scientific Secretary in Asian Dermatological Congress 2016.
- Dr Shubhangi Mahajan- Won 1st Prize in E- Poster at 10th Asian Dermatology Congress 2016.
- Dr Bhagyashri Abak- Won prize in E-poster presentation in ISPD, 2016
- Dr Richa Shindore- Won prize in E-poster presentation in ISPD, 2016
- Dr Mithali Jage- Won 1st prize in free paper on pigmentary Genodermatoses in pigmentaryum 2016 – New Delhi
- Department won 1st prize in National Quiz of ISPD Conference – Hyderabad – 2016
- Dr Nitya Malladi- Won 1st Prize in E- poster in Asian Dermatology Congress, Oct 2016 Mumbai on subcorneal pustular Dermatoses with Pyoderma gangrenosum
- Department won 1st Prize in National Quiz of I & PD Conference Hyderabad 2016.
- Dr Priyanka Ghuge- Completed IADVL Fellowship In Lasers and Aesthetics

Dentistry

- Dr. Nanda Pai was invited as chairperson for a scientific session at the 41st annual conference of AOMSI at Ahmedabad.
- Dr. Nanda Pai was invited as the judge/chairperson for a scientific session (prize paper and poster presentation) at the 8th National Workshop on Maxillofacial Tumors and Facial Aesthetic Surgeries at MGM Hospital, Mumbai.
- Dr. Prasad Bhang delivered a lecture on Disimpactions for General Practitioners at “Identity 2016”, Mumbai.

- Dr. Prasad Bhangе delivered a lecture on Minor Oral Surgical Procedures for General Dental Practitioners at Swast India Foundation, Mumbai.

Endocrinology

- Dr. Swati Ramteke-Jadhav Was awarded AV Gandhi award for excellence in endocrinology 2016 for Best clinical research and best conclusion of paper

ENT

- Dr Nilam Sathe and colleagues won the first and second prizes respectively in the state ENT meetings.

Gastroenterology

- Organized EUS mentorship program – first in a MCGM hospital

Medicine

- Best paper award at 71st Annual Conference of the API (APICON 2016) at Hyderabad on 28th to 31st January 2016 , paper presented by Dr S B Salagre
- Second Best paper award at 25th Annual Conference of Hypertension Society of India (2nd International HOLD conference), Mumbai, 19th to 21st August 2016 paper presented by Dr Karan Karkera (PG Student)

Microbiology

- PhD student Ms. Nuzhat Surve won Best student poster prize on “Rapid diagnosis of cardiac damage in Acute Rheumatic Fever” at North Queensland Festival of life science 2016.
- Dr Anindita Banerjee was awarded the first prize in poster section for paper titled “Filariasis due to Wuchereria bancrofti: An unusual presentation” at Mahamicrocon 2016.
- Dr Shilpa Rathod was awarded the first prize in poster section for paper titled “Incremental yield in sputum smear positivity by examining spot sputum specimen : a ten year analysis of RNTCP laboratory register” at Mahamicrocon 2016 held in Sholapur.
- Dr Gita Nataraj delivered the Dr Ajita P Mehta Oration at the 2016 Infectious Disease Certificate Course held in Mumbai.

Neonatology

Dr. Ruchi Nanavati

- National Expert of Facility Based Newborn Care Project under National Reproductive and Child Health Program, Ministry of Health & Family Welfare
- Neonatal Resuscitation Program Regional Trainer for First Golden Minute project of Indian Academy of Pediatrics and National Neonatology Forum
- Member of Task Force on Standard Treatment Guidelines, An initiative by National Health Systems Resource Centre, Ministry of Health & family Welfare, Government of India
- Member of Technical Advisory Committee on Stillbirths, Ministry of Health & family Welfare, Government of India
- MCI inspector for assessment of facilities for initiation of DM Neonatology course.
- Organizing Chairperson of State Conference of Maharashtra State Chapter of National Neonatology Forum.
- First prize for the research work on “Comparison of Neonatal Pain Agitation and Sedation Scale with Premature Infant Pain Profile for assessment of pain in preterm neonates on assisted ventilation” at State conference of Maharashtra State Chapter of National Neonatology Forum in October 2016
- Third prize for research work on “Comparison of feeding regimens in preterm neonates with abnormal antenatal doppler: a randomized controlled trial” at State conference of Maharashtra State Chapter of National Neonatology Forum in October 2016
- First prize for poster presentation on “Effect of Expressed Breastmilk vs Swaddling vs Sucrose on alleviation of pain associated with suctioning in preterm neonates on assisted ventilation” at State conference of Maharashtra State Chapter of National Neonatology Forum in October 2016

- Third prize for award paper presentation on “Effect of Expressed Breastmilk vs Swaddling vs Sucrose on alleviation of pain associated with suctioning in preterm neonates on assisted ventilation” at National conference of IAP, in October, 2016
- Research entitled “Labour Room Continuous Positive Airway Pressure in preterm neonates <34 weeks Gestational age with respiratory distress syndrome- the pressure that works” awarded as one of the top 10 best practices in NICU by “Indian Foundation of Premature Babies”

Nephrology

- Dr. Divya Bajpai was awarded by “Dr. Sanjay Oak Best resident Award” for year 2016.
- Dr. Divya Bajpai presented Paper “ Biomarkers & imaging for vascular calcification, malnutrition and inflammation in CKD/D at West Zone – ISN 2016 in October 2016. Paper was awarded “Dr. B.N. Khurshedji award”.
- Dr. Divya Bajpai got 1st prize in all India Torrent Young Scholar Award (TYSA) conducted by Torrent Parma in Feb. 2016.
- Dr Divya Bajpai stood first in the University in DM Nephrology

Neurology

- Dr. Mansi Shah First Prize for Torrent young scholar Award (TYSA-2016)
- Dr. Mansi Shah first prize for paper presentation at BNA annual meeting.
- Dr. Juber Shaikh first prize for poster presentation at BNA annual meeting.
- 2nd Best Poster award at Econ-2016 [Miss. Mayuri Jain (Vishakhapatnam)]. Title – Long term Cognitive outcomes after ATL Surgery for MTS. Presented – Cognitive Outcomes after ATL patients of sub normal intelligence.

Neurosurgery

- Dr. Abhidha Shah – “Vesalius Award” for paper entitled “Management of Basilar Invagination – A Historical Perspective” at the Annual meeting of the American Association of Neurological Surgeons, Chicago, Illinois, May 2016.

Occupational Therapy

- Dr. Mrs. Jayashri S. Kale (Professor & Head): - Appointed on the editorial board of Journal of Post Graduate Medicine, Judge for scientific paper session at the National conference of AIOTA, Chennai Jan 2016.
- Dr. Mrs. Karuna Nadkarni (Associate Professor): Appointed as JUDGE for scientific sessions at 53rd ‘OTICON 2016’, Annual National Conference of AIOTA at Chennai in January 2016.
- Dr. Mrs. Zarine Ferzandi- On Advisory board of Indian Journal of Occupational Therapy, an official publication of All India Occupational Therapists’ Association.
- Dr. Mrs. Shilapshree Palsule (Assistant Professor):- Scientific Chairperson at the 6th Annual National conference of Society for Hand Therapy, India held at Goa in September, 2016.
- Dr. Shweta Joiode (Assistant Professor)- Presently Vice President of Gymkhana Committee, Seth G.S. Medical College, KEM Hospital.
- Dr. Alok Patil (Assistant Professor)- Convener of Mumbai Branch of All India Occupational Therapists Association.

Ophthalmology

- Dr Amrita A stood 11th of 400 participants in the National Kerakon quiz held at Lavassa.

Orthopedics

- Dr. S.K. Srivastava (Prof and Head) paper on vertebral column reaction with controlled distraction and posterior compression for Rigid Kyphoses was judged best paper and bagged Gold medal in ASSI session of Spine week 2016 at Singapore.
- Dr. Pradip Nemade was felicitated by Vyakti Vedh Pratishthan for exemplary social service in November 2016.

Pathology

- 1st prize at Teaching Pathology Conference Quiz held at TNMC & Nair Hospital,
- 1st prize for case presentation ‘An Unsuspected Case of Primary Inferior Vena Cava Sarcoma’ at the Cardiovascular CME - Grant Medical College

- Awarded a bursary by the European Society of Pathologists for poster presented at the ESP/IAP Conference, Cologne, Germany (2016) by Dr. Saranya
- 1st Prize for presentation of a case of acute fulminant rheumatic fever presented in the 'What is it?' Session - 7th Biannual meeting of the Association for European Cardiovascular Pathology (Companion society of the ESP)
- Four prizes won for best paper at the Maharashtra Association of Pathologists and Microbiologists Chapter Conference in September 2016
- 1st prize won at International conference At TMC Calcutta – Poster on Menetriers disease

Pediatric Surgery

- Antenatal counseling clinic (Birth defect clinic)-- Best paper award [IAPSCON, Agra]
- Posterior sagittal approach for non-anorectal malformations in paediatric surgery- Best paper award, [IAPSCON, Agra]
- Adrenocortical carcinoma in a paediatric patient: A case report—Best Paper Award [MCIAPSCON, Lonavala]
- An interesting case of primary pigmented nodular adrenocortical disease managed by 3 dimensional laparoscopic bilateral adrenalectomy-First prize, [MCIAPSCON, Lonavala]
- Quiz competition-- First prize, [MCIAPSCON, Lonavala]

Pediatrics

International

- Milind S. Tullu: Citations Awarded/ Nominated (Biographical Note): "Marquis Who's Who in the World" 2016- 33rd edition (Marquis Who's Who, USA).

National

- Patil S, Muranjan MN, Bajaj S: Clinical profile of Pompe disease at a single centre. Second prize for Poster presentation at Child Neurocon 2016, 7th National conference of the Association of Child Neurology, Lucknow, February 12 – 14, 2016
- Dr. Mamta Muranjan & Dr. Shruti Mondkar: The unexplored story of treatment naïve Gaucher disease in India. Fourth prize for Poster presentation at 2nd South Asia LSD symposium, New Delhi, September 24 – 25, 2016
- Dias R, Tullu MS, Deshmukh CT. Rare Treatment for a Common Pediatric Airway Problem. 8th National Conference of Pediatric Anesthesiology [Indian Association of Pediatric Anesthesiologists (IAPA)] conducted by Department of Anesthesiology, Christian Medical College, Vellore from 28th – 30th January 2016. [Poster was awarded the IIInd Prize].
- Torrent Young Scholar Award (Zonal Round) won by Dr. R.Anusha (1st rank) and Dr. Lamak Kadiyani (2nd rank)

State

- Ingale V, Swathi V, Tauro PP, Tullu MS, Deshmukh CT. Clinical Profile and Outcome of Severe Dengue in Pediatric ICU. MAHA PEDICRITICON 2015-16 (2nd Annual Conference of Maharashtra State IAP Intensive Care Chapter) hosted by IAP, Aurangabad & Maharashtra State IAP Intensive Care Chapter and Indian Medical Association, Aurangabad held on 9th & 10th January 2016 at Aurangabad. [Oral Paper awarded First Prize and Declared Winner].
- Dr. R. Anusha & Dr. Ankita Kulkarni – 1st Rank in 10th Indian Academy of Pediatrics (IAP) PG Quiz Divisional Round and Participated in Zonal Quiz Round on 29.11.2016.

University

- 2016 MUHS Convocation ceremony--Dr. Akanksha Gandhi awarded the Late Swati Anil Borse Gold Medal & the Dr. Sudhakar Sane Gold Medal for standing First at MD- Paediatrics Examination Summer 2015.

College

- Dr. R. Anusha & Dr. Zabih Khan – 3rd Rank in NNF Neonatology Quiz 2016 Intercollegiate Round.

Pharmacology and Therapeutics

- First Prize to Marathe PA for the case study on 'Clinical trials on Bhopal gas tragedy victims' in the International Case Study Writing Competition on Research Ethics, organized by 'TRUST- Equitable Research Partnerships', an organization for creating and enhancing trustworthy, responsible and equitable partnerships in international research.
- First prize to Shruti Bhide for Poster, "An audit of the approval letters issued by Drugs Controller General of India to Ethics Committees in India" presented at 9th ISCR National Conference, Mumbai, 8th – 9th January, 2016.

- Dr Ashok Vaidya award (second prize) to Kulkarni UJ, Shetty YC, Brahma S, Dongre A, Khopkar U, Rege NN for paper, “A prospective study to assess the impact of prescribed pharmacotherapy on quality life of Indian patients with psoriasis taking treatment in Dermatology OPD of the tertiary care hospital” presented at 9th Annual International Conference of South Asian Chapter of American College of Clinical Pharmacology, Mumbai on 29th April 2016
- Second prize in clinical study category to Chauthankar S, Marathe P, Nanavati R for paper, “Drug utilization study in the neonatal intensive care unit of a tertiary care hospital” at 9th Annual International Conference of South Asian Chapter of American College of Clinical Pharmacology, Mumbai on 29th April 2016 .
- Dr. SM Karandikar prize (third prize) to Shetty YC, Bagle T, Marathe PA, Bodade A , Singh AA, Rege NN for, “A study to assess clinical need of alternate treatment by medical practitioners and patients in a tertiary care hospital: A cross-sectional study” presented at 9th Annual International Conference of South Asian Chapter of American College of Clinical Pharmacology, Mumbai on 29th April 2016 .
- Dr. SM Karandikar prize (third prize) to Koli PG, Shetty YC, Parmar UV, Mehta D, Kshirsagar NA for, “A systematic review of standard treatment guidelines in India and comparison with NICE guidelines” presented at 9th Annual International Conference of South Asian Chapter of American College of Clinical Pharmacology, Mumbai on 29th April 2016 .
- First prize to Harshad Rasane for paper on “Mainstreaming Ayurveda: Challenges and opportunities” submitted for Vaidya DS Antarkar Memorial Prize paper competition held at Ayurvedya Prasark Mandal, Sion, Mumbai by Kasturba health Society Medical Research Centre and Antarkar Memorial Forum on 20th September 2015.
- First prize to Shetty YC, Singh K, Koli PG, Ingawale S, Bhatia S for paper, “A study of prescriptions and adverse events in patients receiving prokinetic agents in the Out-Patient Departments (O.P.D.) of a tertiary care teaching hospital” presented at Confluence 2016, Seth GSMC & KEMH, on 11th August 2016.
- First prize to Vaidya PH, Kamat SK, Shetty YC, Singh KNM for e-poster, “Is coercion involved in medical student’s Participation in research studies?” presented at 195th Staff society at Seth GSMC & KEMH, on 24th Feb 2016.
- First prize to Shetty YC, Bagle T, Marathe PA, Bodade A , Singh AA, Rege NN for paper, “A study to assess clinical need of alternate treatment by medical practitioners and patients in a tertiary care hospital: A cross- sectional study” presented at **Hridaya 2016** ,Terna Medical College, on 29th Feb 2016.
- First prize to Khetan A, Shetty YC, Purushothaman R, Barbhaya D, Gupta R, Agarwal S, Mohan SKM, Josephson R for paper, “Cardiovascular risk factors epidemiology in semi-urban Indian community: Prevalence, awareness, control and medication adherence” presented at Topiwala National Medical College, on 29th January 2016.
- Team of II MBBS students of Seth GSMC and KEMH, August 2014 batch won State level Pharmacology Quiz 2015 held at MIMER, Talegaon on 5th March 2016.

Physiology

- Dr.Chetan Rajput stood 1st in university exam of M.D. Physiology, amongst the students of G.S.M.C.
- Dashputra Amit Vishwas & Palan Parth D stood 1st & 2nd in first year MBBS university exam 2015 amongst the students of GSMC
- Late Dr. Dharani’s Scholarship Cash prize of Rs. 1000 was awarded to Dashputra Amit Vishwas standing 1st in Physiology in 1st M.B.B.S. exam conducted by university, amongst the students of G.S.M.C

Plastic Surgery

- Dr Vinita Puri- Donald R Laub Humanitarian Award by ReSurge International and Safdurjung Professorship 2016 by NABI (National Association of Burn Injuries)
- Dr Kapil Agrawal- Peet prize for best paper presented by Association of Plastic Surgeons of India [APSI] and NH Antia award for best publication [APSI]
- Dr Manoj Bachav – Vasudhan Arjin fellowship in Laser Surgery by APSI
- Dr Amit Bhalotia- Ethicon Plastic Surgery Fellowship [APSI], DAFPRS fellowship in facial cosmetic surgery [Dutch Association of Facial Plastic and Reconstructive Surgery]
- Dr Raghav Shrotriya- Tambwekar fellowship in microsurgery[APSI]
- Dr Anup Sarda- Ethicon Plastic Surgery fellowship [APSI]

Psychiatry

- IPS Nagpur Branch and Dr I K Mujawar Poster Award at Annual conference of Indian Psychiatric Society Western Zonal Branch 2016 at Vadodara, on 15th Oct 2016: A Study on Postgraduate Medical Students Academic Motivation and Attitudes to Research Neena Sawant, Shubhangi Parkar, Akanksha Sharma
- Dr Kranti Kadam Was invited to participate in project meeting on National Consultation on extent & pattern of substance use in India of Delhi on 13th & 14th Oct, 2016
- Marfatia Indian Psychiatric Society NATIONAL award: Suicidal behaviour: What's the brain up to? Answers Using 18F-fluorodeoxyglucose Positron Emission Tomography To Study Resting Regional Cerebral Glucose Metabolism In Patients With Suicidal Behavior: Shubhangi Parkar, Natasha Kate, Karishma Rupani, Gaurav Malhotra, Trupti Upadhye, Ramesh Asopa ANCIPS 2016 BHOPAL
- Poona Psychiatrists Association Award I ANCIPS 2016 : Psychiatric aspects of refractory TLE before and after epilepsy surgery. Neena Sawant, Shrikant Wankhade
- Dr K C Dubey Poster Session I Award ANCIPS 2016: Gender Differences in Depression, Stigma & Coping in Patients of Vitiligo. Dr. Nakul Vanjari ,Dr. Neena Sawant , Dr. Akanksha Sharma
- Felicitation of Dr S R Parkar HOD Department of Psychiatry By Dainik Punyanagari on 8th march 2016 on world women's day celebration by Mrs Amrita Fadanvis
- IPS Nagpur branch and Dr IK Mujawar Poster award at ACIPS WZB 2016 at Vadodara- Oct 2016, A study on postgraduate medical students' academic motivation and attitudes towards research - Dr Neena Sawant, Dr SR Parkar, Dr A Sharma

Surgery [General Surgery]

- Dr. A. N. Dalvi Delivered Key Note address at the Asia Pacific Hernia Society Conference on "Large Ventral Hernia – Need for component separation"
- Dr. Dalvi delivered invited lecture at the World Congress of Endoscopic Surgery (WCES) and Endoscopic and Laparoscopic Surgeons of Asia (ELSA) meeting on "Progressing from simple to complex laparoscopic cholecystectomy"
- Dr. Dalvi delivered Multiple invited lectures and live demonstration of surgery arranged by Indian Association of Gastrointestinal Endo-Surgeons (IAGES) and Association of Minimal Access Surgeons of India (AMASI)
- Dr. Aparna Deshpande delivered many lectures in various FIAGES and FALS courses conducted by IAGES. Live demonstration of surgery at the FALS course.
- Dr. Gvalani, Dr. Dalvi and Dr. Deshpande invited faculty at the Annual Conference of Association of Surgeons of India – December 2016.
- Dr. Dalvi's video on laparoscopic large adrenalectomy won the first prize at the National Conference of IAGES.
- 1st Prize for Best Poster in World Trauma Congress 2016, New Delhi. Analysis of CT Scan findings in Traumatic Brain Injuries : The Indian Scenario. Presented by Preeti Vijaykumaran (Final Year resident)
- Best Poster in session for "Management of Complex Duodenal perforations" at ASICON. Presented by Dr. Kavim Sugumar.
- Dr Dalvi delivered the most Prestigious Oration – Dr. G M Phadke Oration, at the Annual Conference of Association of Surgeons of India – Maharashtra State Chapter – February 2016
- Dr. Mahadev Garale was awarded the third prize at during the best paper session at the Annual Conference of the Maharashtra State Chapter of ASI (MASICON 2016)

Surgical Gastroenterology

- Dr Praveen Bhat and Dr Apurv Deshpande were awarded FACRSI degree (Fellow of Association of Colorectal Surgeons of India)
- Dr Praveen Bhat selected to represent in TYSA from Western India.
- Dr AN Supe - MMC award - excellent work in medical field [urban], Maharashtra State
- Dr AN Supe- Goa State Oration - GIMACON
- Dr AN Supe - Dr Bhadre Oration, Kolhapur Surgical Society
- Dr AN Supe - Dr Bhagwat Oration, Maharashtra API

Transfusion Medicine

- The department has been selected as the Apex Training Centre for Western and Central Zone (Maharashtra, Gujarat, M.P. Goa, Rajasthan) for training all the Blood Bank officers, Technicians and Nurses by NACO, Ministry of Health & Family Welfare, Govt. of India, New Delhi.

Urology

- 1st Prize in Best Oral Paper presentation on Outcomes of various complex VVF repair at Mumbai Urological Society, Lonavala – December, 2016

Undergraduate Students

- Sumedh Wavhal, 5th semester MBBS student, successfully completed the triathlon - Ironman 70.3, consisting of swim: 2km, bike: 90km and run: 21km. Total distance: 113km (70.3 miles). He finished in 6 Hours 36 mins with Division rank 11 and overall rank 617/1300
- Arnav H. Tongaonkar, an intern of GSMC from the August 2011 Batch, was awarded the Shatayushi Award – 2016 for the **Best Medical Student** amongst all the Medical Colleges in Maharashtra. This award is a tribute to his academic excellence as well as to his varied interests in sports, cultural and social activities. The award was bestowed on him by the Dwarika Sangamnerkar Foundation and Shatayushi Trust. The Shatayushi Award 2016, was awarded **on Sunday 23rd October 2016, at Tilak Smarak Mandir, Pune. This prestigious award has been instituted in 1986.**
- State level quiz in Biochemistry conducted by department of Biochemistry, LTMMC, Sion, was won by I MBBS students: i. Mr. Tanmay S. Borade ii. Mr. Shaunak A. Mangeshkar
- Papyrus Essay writing Competition - First prize Rs. 5000/- to Priyashree Desai, Second prize- Aditi Dandawate
- Connaissance – Medical short films – First prize Rs.5000/- to Yash Gupta
- Medsnaps Photography Competition – First prize Rs. 5000/- to Yash Kedia, second prize- Himani Murdeshwa
- Innovations – First prize Rs.5000/- to Dweep Barbhaya

All the above prizes were awarded under the aegis of the Dr ML Kothari Chair of Medical Humanities

Community Care

Community Care

Anesthesia

- The department conducted a basic life support training course for paramedical personnel to handle emergency scenarios.
- Residents regularly attend blood donation camps.
- Ambulance duty attended by assistant professors of the department

Chest Medicine

- The Department of Chest Medicine & EPRC provides Asthma education service to patients, patient's relatives and primary care givers.
- Sessions to educate patients on asthma, its nature, symptoms, need for regular medications and compliance with treatment regimen. This year a total of 2107 patients were educated. Asthma education helps in dispelling misconceptions regarding the nature of illness and also is known to improve compliance rates besides improving home management skills in affected individuals.

Community Medicine

Mumbai Arogya Abhiyan: *Residents & Interns are posted at various sunday camps:*

Months	No. of Camps	No. of Residents Posted	Total No. of Beneficiaries	
June to Aug		50	71	13022

Report of Naigaon Under-five Clinic, Naigaon Maternity Home

December 2015 to January 2016

Date	Event	Beneficiaries
1.12.15	World AIDS Day Celebration	82 beneficiaries including ANC mothers, nursing students and maternity home staff
19.1.16	Haldikunku and Makar Sankranti Programme	90 beneficiaries including ANC mothers and maternity home staff and mothers attending under five clinic
22.3.16	International Women's Day Celebration	71 beneficiaries including ANC mothers, maternity home staff mothers attending under five clinic and CHV's
18.7.16	Dengue Awareness Programme	65 Including ANC mothers and CHV's
9. 8. 16	Breast Feeding Week Celebration At Naigaon Under-five Clinic Naigaon Maternity Home	56 beneficiaries including ANC mothers, maternity home staff and CHV's
20.8.16	Breast Feeding Week Celebration at Kamgar Kalyan Kendra	30 women
20.9.16	National Nutrition Week Celebration	79 beneficiaries including ANC mothers, maternity home staff and CHV

- Makarsankranti Program was done in collaboration with Inner wheel Club of Mumbai Airport
- Poster presentation by Dr. Santosh Narayankar & Dr.Rohan Sangam(Date:- 20/08/2016)
- *Nutrition week* (Date:-20/09/2016)
- *Dengue awareness program* (Date:- From 18/07/2016 to 20/7/2016). Total no. of beneficiaries were 65
- *Geriatric OPD Naigaon Health Centre*

Total 35 Beneficiaries

- All the above programs were conducted by the concerned departmental faculty, RMOs, MSWs & other staff
- Makarsankranti Program was done in collaboration with Inner wheel Club of Mumbai Airport

Special activities:

- 2/12/16 : World AIDS Day
- 13/04/16 : World Health Day Celebration
- 26/10/16 : World Geriatric Day

*Community Outreach Health Services at RHTC:***Special Activities at RHTC Khadavli**

Activity	Venue	Date of Activity	Details of Activity	Beneficiaries
Women's Day Celebrations	RHTC, Khadavli	March 2016	IEC sessions on theme : Women can make it happen ; Emphasis on Working women	Nursing students, PHC staff, ANMs, ASHAs (Total = 60)
WHO day celebrations	RHTC, Khadavli	April 2016	IEC on WHO day theme on Food Safety	Nursing students, PHC staff, ANMs, ASHAs (Total = 60)
Breastfeeding Week Celebrations	RHTC, Khadavli	August 2016	IEC sessions on Benefits of BF and demonstration of BF positions and complimentary feeding	Pregnant and lactating mothers, ANM, ASHAs and PHC Staff (Total = 40)
Breastfeeding Week Celebrations	Palsoli Anganwadi RHTC, Khadavli	August 2016	IEC sessions on Benefits of BF and demonstration of BF positions and complimentary feeding	Pregnant and lactating mothers, ASHAs and CHWs (Total = 45)
Geriatric Day Celebration	RHTC Khadavli	October 2016	IEC sessions delivered on " Geriatric Health through Holistic Window"	Panchayat Samiti officers, Gramsevak, Village people and health workers. (Total = 83)
World AIDS day celebrations	RHTC, Khadavli	December 2016	IEC sessions to ANC, PHC staff on HIV/AIDS	ANC, Other patients, PHC staff (Total=50)

Special Activities at RHTC Sakwar

Date	Activity	Details	Beneficiaries
26/01/2016	Celebration of Republic day	Prabhatferi was attended with CHW and ITI students followed by Swamiji lecture in RKM Hall.	Total population: 28 CHW students 70 ITI students Teachers and principle
01/02/2016	Health camp at Sutarpadaanganwadi.	Health check up of the children were conducted including General and Systemic examination.	Beneficiaries:20 Male: 11 Female:9 Severe Malnutrition identified and referred to PHC.
08/02/2016	Training program at Z.P. School, Bharol	Training of adolescent girls On Family life and education was given.	Total adolescent girls present = 62
08/03/2016	Health camp at old age home.	Health checkup carried out at Old age home, Sakwar. Minor ailments treated. Medication for hypertension distributed.	Total Beneficiaries = 30
26/04/2016	CHW training session at Sanjivani hospital.	Lecture on Diet in ANC mother was taken with demonstration of feeding techniques to child.	No of ANC Mothers = 48
5/05/2016	World health day celebration. Theme – Stay super, Beat Diabetes	Health talk on sign and symptoms, treatment and prevention of diabetes given to CHWs, also talked about importance of keeping id card with patients.	Total beneficiaries = 30
27/06/16	Health Camp at Belwadi Ashramshala.	Arranged a health camp. Examined the students from 1 st to 4 th standard. Appropriate referrals were made to RKM & medicine were given & explained to teachers with written prescriptions. 10 CHW students accompanied.	Total beneficiaries= 34 Referrals: Dental caries= 12 Morbidity: Dental caries= 12 Scabies & skin inf= 4 & 3 URTI= 7
23/07/2016	Tobacco awareness program.	Program was conducted on tobacco awareness for mahilamandal. Different forms, ill effects of tobacco and their addictive potential was discussed in details. The program ended with a skit by CHVs on tobacco addiction.	46

Date	Activity	Details	Beneficiaries
19/09/16	Awareness camp at village "Khaire"	The tribal village Khaire was visited by Dr. Velhal sir, Dr. Solanki ma'am, RMOs Dr. Sayali, Dr. Anuradha along with 9 CHW students. Dept Of Community Medicine, KEM is planning to adopt this village in order to provide preventive, and Health promotive services in the village. The village Police Patil, ASHA worker and Sarpanch were contacted and the plan for providing further services was mapped out and told to them by Dr. Velhal sir and Dr. Solanki ma'am	12
21/11/2016	Organised health camp for Khaire village	Examined patients, prescribed medications for the required and referred few to higher centre. Maximum patients were of URTI, LRTI and diseases due to improper hygiene. Given IEC sessions at the end to all regarding overall health and good hygienic practices	Total no of beneficiaries 61.
07/12/2016	World AIDS day celebration.	Conducted training and awareness session on AIDS for ITI and CHV students. Gave a brief idea of the disease with emphasis on ways of preventing infection and steps to be taken on exposure to risk.	No. of beneficiaries - 86

Special Activities at RHTC Pise-Panjrapur

Activity	Venue	Date of Activity	Details of Activity	Beneficiaries
Women's Day Celebrations	Padgha PHC under RHTC, Pise -Panjrapur	March 2016	IEC sessions on theme : Women can make it happen ; Emphasis on Working women	Anganwadi Workers , ASHAs & ANC women (Total = 65)
WHO day celebrations	RHTC, Pise -Panjrapur	April 2016	IEC on WHO day theme on Food Safety	Employees of Water Treatment plant of MCGM at Pise-Panjrapur (Total = 35)
Breastfeeding Week Celebrations	Padgha PHC under RHTC, Pise -Panjrapur	August 2016	IEC sessions on Benefits of BF & demonstration of BF positions & complimentary feeding	Anganwadi Workers , ASHAs & ANC women (Total = 55)
Breastfeeding Week Celebrations	Amne Sub centre under RHTC, Pise -Panjrapur	August 2016	IEC sessions on Benefits of BF & demonstration of BF positions & complimentary feeding	ANC women & Mothers of UFC attending Amne AW (Total = 26)
Geriatric Day Celebration	RHTC, Pise -Panjrapur	October 2016	IEC sessions delivered on "Geriatric Health through Holistic Window" during the Women Melava.	Employees of Water Treatment plant of MCGM at Pise-Panjrapur (Total = 21)
World AIDS Day celebrations	School at Pise	December 2016	IEC sessions to tribal students on HIV/AIDS	Tribal students = 40

Malvani Urban Health Training Centre, Malad (W)

- Anthropometric and medical checkup of 240 beneficiaries of Balwadis in Ambujwadi slum area was carried out for 6 months. These balwadis are run by an NGO- YUVA.
- The field staffs of SNEHA NGO, working on malnutrition of children were oriented on UHC activities.
- Meeting with NGO's, RNTCP staff, Alcoholic & Addiction Anonymous NGO's was organized for controlling Tuberculosis in Malvani.
- 7th April 2016- WHO day was celebrated at UHC. Nursing students from SNTD presented a street play on this occasion.
- Breastfeeding week celebrated, RMO's took lecture and demonstration to field level staff of Anganwadi, YUVA and SNEHA NGOs as well as PNC mothers in Malvani Maternity Home.
- Geriatric day celebrated.
- Diarrhea control week was observed in Paediatric OPD as well as Ambujwadi slums.
- TB awareness program for municipal school children was taken by Dr. Desai, RMO in collaboration with RNTCP North ward.
- World AIDS day 2015 was celebrated by a talk in a walkathon in InOrbit Mall, Goregaon.
- In collaboration with SNEHA- Breast feeding week celebration in community.
- TB meeting with MUHS, NSVK NGO, HV, DOTS staff (increased cases of TB in few plots)
- RBS estimation of 70 anganwadi workers

Dermatology

- Social Awareness regarding fungal infections.
- Participating in various camps in city and outside city

Dentistry

- Conducted a dental camp for children of construction site workers at Lower Parel.
- In the process of planning and organizing a dental camp for children of multiple municipal schools.
- Actively educating pregnant women for the safety of undergoing dental treatment during pregnancy.

Endocrinology

- Weekly visits to diabetes dispensaries at peripheral health centres attached to KEM hospital

ENT

- Created awareness on early identification and intervention of deafness, noise pollution, benefits of cochlear Implants, side effects of using cellular phone through media during International week for deaf
- Faculty and residents have been involved in various Diagnostic Camps in Mumbai and different parts of Maharashtra

Forensic Medicine

Social awareness camps and lectures

- Lectures given to NGOs on promotion of cadaveric organ donations.
- Forensic Medicine lecture on Crime Scene Investigation, evidence collection, examination of victim of sexual assault, etc. given to Police Officer at Ahmednagar, Thane (Rural Police), Satara.
- Expert Opinion given in the case of sensitive issue, complicated medico legal cases & sexual assault cases.
- Forensic Odontology Lecture given to Police Officers at Ahmednagar, Thane (Rural Police), Maharashtra Police Academy Nashik, North Eastern Police Academy-Guwahati.

Gastroenterology

- Community outreach health services undertaken by various departments: Plan to immunize all high risk personnel against Hepatitis B

Hematology

Cancer awareness program

- Lymphoma Day – Awareness about cancer to patients and relatives
- Hemophilia Care patient awareness program.

Medicine

- Awareness talk to Rotarians of Rotary Club of Bombay Hanging Garden on importance of Bioethics Education in 2016 on 7th September 2016
- Health Awareness Talk Show on 18th December 2016 on Care of Elderly during 51st Akhil Bharatiya Marathi Vidnyaan Parishad at Thane.

Microbiology

- The department provided Integrated Counselling and testing services for 972 direct walk-in clients.

Neonatology

- Social Awareness camps and lectures: Weekly meetings with parents of babies admitted in NICU to educate them about Preterm and Low Birth Weight care. Approximately 1200 parents are educated in 2016.

Nephrology

- Department is conducting survey on prevalence of CKD in Mumbai.
- Dr. N. K. Hase participated in panel discussion on Sahyadree channel on world Kidney Day “Nutrition and Health on Nutrition day, Kidney diseases in Children”.
- Dr. Tukaram Jamale was interviewed by DD Sahyadree about Kidney Health Education on 1st July 2016.

Neurology

- Dr. Neeraj Jain delivered a short public awareness message for Stroke & Epilepsy on NDTV india.
- Dr. Ashwini kr. Patil conducted program and newspaper release for Stroke Awareness.
- Dr. Rushikesh Deshpande presented a paper on Lesionectomy our experience in BNA annual meet-
- Guest lecture by Dr. Emelio Perruca (ILAE president) on selection of Antiepileptic Drug (AED'S) according to mechanism.
- Dr. Ashwinikumar Patil conducted program and new paper release of Stroke awareness.

Nursing

- Nurses voluntarily contribute during disaster periods like floods, epidemics, earthquakes and also participated in community camps

Obstetrics and Gynecology

- Medical Camp on 06.11.2016 organized by Smt. Snehal S. Ambekar
- Medical Camp on 21.8.2016 organized by Mr. Anant Nar (Corporator)
- Pradhan Mantri Safe Motherhood Program at RHTC - Khadavali.
- Medical Camp on 26.4.2016 organized by Dr. Gulista Shaikh
- Medical Camp on 28.2.2016 organized by R.K. HIV AIDS Research & Care Cent
- Medical Camp on 02.1.2016 organized by Dr. Shubha Raul
- Medical Camp on 03.1.2016 organized by Mr. Prakash Gangadhare

Occupational therapy

Dr. Mrs. Jayashri S. Kale (Professor & Head):

- Conducted a workshop for the parents and Persons with hemophilia at KEM Hospital, Mumbai in April, 2016.
- Nandgaonkar Hemant, Gawade Sanika, Mishra Sapna, Undergraduate & post graduate students organized workshop for Parents on “Management of Child with a diagnosis of ADHD at Home” at Occupational Therapy Department, KEM Hospital on 12th February, 2016.

Orthopedics

- Staff members participated in local and regional social services camps.

Pathology

- Participated in blood donation camps in the community
- Blood collection of HIV patients in the Anti retroviral treatment program

Pediatric Surgery

- Birth Defect Clinic– Counselling and early intervention of congenital anomalies- 341 families counselled since Jan 2016.

Pediatrics

- Resident Medical Officers and Faculty members attend various OPDs in peripheral hospitals as a part of Peripheral Linkage Program.
- 4-6th December: Resident Medical Officers and Speciality Medical Officers attended the Health Camp at Dadar, Chityabhumi
- Monsoon camps attended by Resident Medical Officers -- 28
- Regular health camps attended by Resident Medical Officers -- 22

Pharmacology and Therapeutics

- A team from Ayurveda Research Centre (Dr. Sudhi Juvekar (JSO), Dr. Perna Hosmani, Dr. Harshad Rasane (Registrars), Dr. Jasmin Shaikh (House Officer), Mr. Shriram Utekar, Mr. Nilesh Sakhare, Mr. Prakash Chavan (Class IV employee) participated in health camp organized at Chaityabhumi from 4th -6th December 2016 to provide care and awareness about rational use of Ayurvedic drugs. 2500 patients were examined and prescribed Ayurvedic drugs.

Physiology

- Residents participate in Fever OPD
- Conducted Basic Life Support Course for first year MBBS students as well as residents & faculty for handling the emergencies.

Physiotherapy

- Social Awareness Camp & Lectures

Plastic Surgery

- Partnership with Resurge International wherein every patient under its fold is provided complete free surgery and post operative rehabilitative aids
- Offered surgical and outpatient services to camp in Upleta, Gujarat
- Offered surgical services to cleft lip patients in LIFELINE EXPRESS at Dantewada, Maharashtra (organized by IMPACT INDIA)
- Camp Karma, Burn survivor camp for pediatric Burn survivors for the mental health of these children

Psychiatry

- Malvani Community Outreach Centre - Total Malvani Patients: New cases- 71, Old cases – 1535, Total- 1606
- Psycho educational lectures on World AIDS day are taken during community programmers about 'AIDS & HIV' on World AIDS day & about 'Psychological health in Geriatric Population' on World Geriatric Day.

Social Awareness Camps and Lectures

- Drug awareness program– took lecture on 7th July 2016 at Municipal Madhyamik School, Prabhadevi, Mumbai .
- 7 Drug Awareness programs were conducted in schools & colleges by the faculty and Seniors in collaboration with Anti Narcotics Cell of Mumbai Police
- Awareness Lecture in Janala High school Worli in collaboration with on 8th July, 2016.
- Deaddiction Awareness Programme in Akashwani Broadcast on 27th June, 2016.
- Deaddiction Awareness sessions conducted for school & college students in collaboration with Anti Narcotic Cell Mumbai.

Social Services

- Awareness programme with Anti Narcotic Cell for Municipal School Children.
- CDO's actively participated in the chief Ministers 'walkathon' for awareness of organ donations.
- Dental awareness programme at Naigaon OPD and Naigaon School by PSM CDO's.
- Ms. Ashwini Patil, CDO was part of the video campaign for Govt. of India's ' Digital India Campaign'

Surgery (General Surgery)

- Dr. Dalvi Assisted Rotary Club of Cuffe Parade with community activities.
- Dr. Deshpande delivered talk on common GI disorders and their prevention at the Somaiya Vidyavihar Swasthya Saptah.

Surgical Gastroenterology

- Social Awareness Lectures were delivered by Dr Chetan Kantharia, Dr Ramkrishna Prabhu and Dr Sharvari Pujari at various forums including on Television and for Hospital Staff including sisters

Transfusion medicine

- Conducted a blood donation camp at blood bank, KEM Hospital on occasion of “National Voluntary Blood Donor Day” i.e. on 1st Oct 2016 with co-ordination with JivandataSwayamseviSanstha, Kalachowki& collected 217 units of blood.
- A single organization i.e. TarunMitra Mandal had organized 3 Blood donation camps in the year 2016. On 17.01.2016- 470 blood units were collected. On 01.05.2016 , 574 units and 25.09.2016 - 655 units of blood collected. TarunMitra Mandal contributed a total of 1699 blood units in the year 2016.
- Godrej & Boyce Mfg. Co. Ltd., & Godrej Industries also organized Blood Donation Camps on 8th & 9 th August,2016 at Godrej-Pragati Kendra, Vikhroliand collected 1888 units of blood.

Urology

- Community outreach health services undertaken by various departments
- Social Awareness camps and lectures

Donations and Grants

Donations and Grants

Anesthesia

- Video Endoscope donated by alumni Dr. Sugam Kale (6 Lakhs) and Sahyog trust 3.5 lakhs.
- 18 lakhs donated by alumni Dr. Meenaxi Tripathi towards purchase of Edge 2 USG Machine.

Biochemistry and clinical nutrition

- Donation of Rs. 40,000 from Johnson & Johnson, Becton Dickinson and Randox each for conducting Good Clinical Laboratory Practices certificate course.

Cardiology

- Mr. Rajan A. Ruvala donated Rs. 50,000/- for Heart Ailment.
- M/s Thyssenkrupp Ltd: Generous grant for ETO machine for sterilization of Cathlab hardware.
- A state-of-the-art Wi-fi enabled Phillips ECG machine donated through a generous grant from Smt. Pramila Shantilal Shah Charity Foundation.

Chest Medicine

- Dr. R P Rastogi donated a nebulizer on 28/01/2016.
- Geeta Hazari donated a Wheel chair, Walker and a commode on 19/02/2016.
- Prof. P D Chawathe donated Rs. 10,000/- on 28/03/2016.
- Miss. Vinita Menon donated 1 nebulizer, 1 suction pump and 1 Air bed on 18/04/2016.
- Shri. Shrinivas P Bhavne donated 10 adult diapers on 25/06/2016.
- Smt. Sadhana J Press donated 2 nebulizer machines on 25/06/2016.
- Smt. Vrushali Rane donated Rs. 11,000/- on 01/07/2016.
- Dr. Aditi Shah donated Rs. 40,000/- on 28/10/2016.

Clinical Pharmacology

- Junior Teacher Grant of Rs. 75,000/- for the project entitled 'A Case-Control study to assess the prevalence and association of different Paraoxonase 1 (PON-1) polymorphisms and its activity with Coronary Artery Disease (CAD) from DJST.
- Study grant of Rs. 5,47,567/- from Serum Institute of India Ltd. and PATH for a study entitled 'A Phase III, Multicentric, and Open label Randomized study of Bovine Rotavirus Pentavalent Vaccine (BRV-PV) to evaluate Lot-to-Lot Consistency and to investigate potential interference with Routine UIP vaccinations in Healthy Infants in India'.
- Study grant of Rs. 3,33,062 received from Sanofi Influenza India Pvt. Ltd for a study entitled 'Immunogenicity and Safety of Single Dose or Two Doses Given 28 Days Apart of a Quadrivalent Influenza Vaccine Administered via the Intramuscular Route in subjects Aged 6 Months or Older in India'.
- Study grant of Rs. 1,95,129/- received from Gattefosse India Pvt. Ltd for a study entitled 'Two way, two period cross over single oral dose bioequivalence study of Telma (2x20mg) vs. BCP Test G14 (2x20mg) in healthy adult human volunteers'.

Community Medicine

- Facilitated dry ration supply to TB, MDR TB cases and old age patients from UHC, Malvani through NGOs & social workers' support.
- Donation from TATA Motors Rs. 8,00,000/- for RHTC Khadavli Malnutrition Project.

Dentistry

- Received a grant of Rs. 1.30 Lakhs for procuring a dental X-Ray machine and Rotary Endodontic Motor (X-smart Plus Endo motor).

Dermatology

- Aid for Rituximab in Pemphigus was organized through the Medical Social Work Department and was instrumental in saving many lives.

ENT

- Performed more than 50 cochlear Implants and 5 BAHA (bone-anchored hearing aid) through donations.
- Received donation for developing multispecialty endoscopy centre in department of ENT .

Hematology

List of Regular Donors:

- Vasantha Memorial Trust – Donation for Medicines and Food grains.
- Cancer Patient Aid Association.
- KARO Trust.
- Budharani Trust.
- Cuddles Foundation.
- Make a Wish Trust.
- Ratan Tata trust.

Medicine

- Donation of 2D Echo Color Doppler machine was procured as a part of CSR initiative of B.K Industries, Mumbai.

Microbiology

- MDACS donated Rs. 75,000/- for ICTC activity for Patient Care and Rs. 65,000/- for surveillance activity for research
- MSACS donated Rs. 1, 45,000/- for HIV IBBS activity for research.
- PATH donated Rs. 79,968/- for conducting a workshop for training related work.
- Sun Pharma donated Rs. 2,54,700/- for determination of MIC distribution of fosfomycin, biapenem and other antibiotics against gram negative clinical isolates : A prospective study for research work.
- DJST donated Rs. 1,00,000/- for equipment and consumables for strengthening and research.
- GSMC and KEMH research society donated Rs. 49,800/- for test kits for research work.

Neonatology

Patient Care & Strengthening Department:

- Mazgaon Dock Ltd. Donated Rs 3,72,00,000/- for NICU renovation under MCGM CSR project.
- Ministry of Health and Family Welfare, Government of India donated Rs. 63,34,800/- for Facility Based Newborn Care project.
- UNICEF donated Rs. 2,54,000/- for SNCU software.

Nephrology

- Donation from N.T.P.C. under Corporate Social Responsibility (CSR) – Rs. 20,50,000/- (Portable R/O Plant, Body composition Monitor, Electronic weighing Machine)

Obstetrics and Gynecology

- Dr. S V Parulekar donated books worth 40000/- and 12 issues of Journal of Obstetrics and Gynecology of India to the departmental library.
- HRRC: Grant of Rs.46,67,732/- received till date from ICMRS.

Occupational Therapy

- Research society grant for conducting Research on Hand Function Test – Rs. 48,000/-.
- Sponsorship received for organizing 'Hand Splinting workshop' in form of material by 'Heritage Healthcare' and 'POCL'.
- For Occupational Therapy Day celebration, received Rs. 5000 from Riddhi Surgicals and Rs. 1000 from Mumbai Branch of AIOTA.

Orthopedics

- Diamond Jubilee Society Trust of KEM donated department of Orthopedics with cautery machines, orthopedics instruments & specialized operative shoe for theatre.

Pediatric Surgery

- TATA Trust donated an Aesculap 3D laparoscopy set (first in government institute in Maharashtra).

Pediatrics

- Lions Club of Byculla donated Rs. 90,000/- for 3 Radiant Warmer Stands (Co-ordinated by Dr. Mukesh Agrawal & Dr. Milind S. Tullu) installed on 06.06.2016.
- Lions Club of Byculla donated Rs. 75,000/- for Spares for AIRVO2 High Flow Nasal Cannula (Co-ordinated by Dr. Mukesh Agrawal & Dr. Milind S. Tullu)—August 2016.
- Udani Foundation donated Rs. 50,000/- for resuscitation equipment donated on 29.03.2016 (14 large O₂ hoods, 4 sets of laryngoscopes with 3 blades each, 6 AMBU bags 500 ml and 6 AMBU bags 750 ml). (Co-ordinated by Dr. Mukesh Agrawal & Dr. Milind S. Tullu).
- Elaprase Treatment (Enzyme replacement therapy for Hunter syndrome) worth more than one crore rupees every year received through Charitable access for one child from Direct Relief, an international humanitarian relief organization from Santa Barbara, California, USA.

Physiology

- Dr. J B Dharani donated Rs. 4,400/- for the Departmental library.
- DJST donated Rs. 1,05,000/- for the purchase of instruments.
- Naraindas Morbai Budhrani Trust donated Rs. 2,30,602 for the digital podium.

Plastic Surgery

List Regular donors categorize them as Donations for

- Patient care : ReSurge International (post Burn Patients)
Jewelex India (Pediatric Burn Survivors)

Psychiatry

- Donations arranged by MSWs for the year 2016 of Rs 229620/-
- Donor agencies - Lalbaugcha Raja, Nana Palkar Smruti Samiti, Sushila Modi Charitable Trust, NM Wadia Charities, EURO Foundation, St Michael Church

Social Services

- Total patient specific donations collected by COD's for patients surgeries and medications Rs 7,01,77,900/- (Rupees Seven crore one lakh seventy seven thousand and nine ninety only)
- 5 wheel chairs and 10 oxygen cylinders attached stretchers at EMS. Donated by State Bank of India, Parel Branch.
- 6 tricycles for Department of Orthopaedics. Donated by honorable MP Rahul Shewale.
- Garden benches, installed near gate no. 3. Donated by Jewelex Foundation.
- Phillips ECG Effgia machine at the Department of Cardiology. Donated by Indian Humes and Pipes – Premilaben Mehta Charitable Trust.
- Water cooler at the entrance of multi – story building. Donated by Jeevan Jyot Charitable Trust.

Surgical Gastroenterology

- Mr. Anil Gangar donated 5 medical monitors worth Rs.10 lakhs.
- Mr. Shashikant Vora donated Rs. 2.5 lakhs.

Urology

- C-Arm machine donated by Trivitron Healthcare Pvt. Ltd, Mumbai (Model No.HF-1000 -Indian make)
- Endo-recorder donated by DJST, KEM Hospital.
- 30 Neelkamal Chairs for indoor patient relative donated by DJST, KEM Hospital.

Education

Education

Anatomy

- I MBBS, 180 students, 98.5% [pass percentage]
- MD Anatomy, 2 students, 100% [pass percentage]
- I B.P.Th, 40 students
- I B.O.Th, 40 students
- Nursing, 80 students
- I B.P.M.T, 13 students

Other courses taught by the Department of Anatomy:

- Biomedical Engineering for DJ Sanghvi College of Engineering, Watmull Institute and Vidyalkar Institute of Technology.
- Nursing students from Holy Spirit Institute, Fortis Hospital and GP Memorial hospital are also trained. Trainees range from 15-80/ year.

During the year the department conducted several collaborative programs, which are listed:

- The Dept. of Orthopedics conducted workshops in Shoulder Arthroscopy, Hip, IAS-Knee & Shoulder and WIROC-Knee & Shoulder
- The Dept. of ENT, Bombay Hospital & Medical Research Centre conducted a workshop on Larynx
- The Department of Surgical Gastroenterology conducted a workshop on Laparoscopic colorectal surgery

Library Holdings:

- | | | |
|-----------------------------------|---|-----|
| • Total No. of Books: | - | 486 |
| • No. of New Books added in 2016: | - | 40 |
| • No. of Journal titles: | - | 03 |
| • Total No. of Journals: | - | 11 |

Anesthesia

- MD Intake : 22
- Results : 95%
- DA: Intake : 16
- Results : 100%
- DM (Cardiac Anesthesia) Intake : 02 Results : 100%
- Fellowship Course in Cardio-vascular (2 each) Results : 100%
- Fellowship Course in Pediatric Anesthesia(2 each) Results : 100%
- Fellowship Course in Neuro Anesthesia(2 each) Results : 100%
- Fellowship Course in Regional Anesthesia (2 each) Results : 100%
- Fellowship Course in Gastroenterology Anesthesia. (2 each) Results : 100%

One year fellowship course started with approval from MUHS

- Fellowship Course in Pain Medicine(4 each)

Biochemistry and Clinical Nutrition

- Summer Training: Undergraduate students from basic sciences all over Mumbai participated in summer training in CCBL
- Conducted 12th Good Clinical Laboratory Practices Certificate Course from 27th to 29th September 2016. 59 delegates participated from all over Mumbai

Courses offered by the Department

Sr. No.	Courses Taught	Intake of Students for (2016)	Affiliated University
1.	MBBS – I Year	180	MUHS
2.	B.P.Th.-I Year	40	MUHS
3.	B.O.Th.-I Year	40	MUHS

Sr. No.	Courses Taught	Intake of Students for (2016)	Affiliated University
4.	B.P.M.T.-I Year (Cardiology Technician & Perfusion Technician)	10	MUHS
5.	PGDMLT	10	MUHS
6.	M.Sc. Medical Biochemistry	-	MUHS
7.	Ph.D. Medical Biochemistry	-	MUHS
8.	M. Sc. Biochemistry by Papers	24	Mumbai University
9.	Ph.D. Medical Biochemistry	-	Mumbai University
10.	M. Sc. Biochemistry by Research	4	Mumbai University

Cardiology

- Five Observers underwent training in department of Cardiology this year.
- One candidate as Cath Lab Technician training in the department of Cardiology this year.

Courses offered and intake for the current year:

- D.M. Cardiology: At present five residents have joined for the cardiology course.
- M.D. (Medicine/Allied)- 3 residents posted every two months in Cardiology
- BPMT – 5 Students per year
- IIIyr BPT and BOT students & MPT students for clinics.
- S.N.D.T. M.Sc. Nursing students are guided for their thesis work

Chest Medicine

Courses offered and intake:

MD (Pulmonary Medicine): 4

Training workshops on education

- M. Sc. Nursing students from SNDT University and Fortis hospital, Mulund regularly undertake Chest Medicine rotation. Besides delivering lectures on important respiratory diseases, bedside clinics, the faculty also acts as “external guide” for their thesis as well for their exams.
- MBBS, Occupational and Physiotherapy students are regularly posted in Chest Medicine as part of their curriculum and undergo training through lectures and bedside clinics.
- Student placement – 2 from Tata Memorial Hospital (Allied posting for M.D. - Palliative Medicine- new course offered by MUHS, Nasik)

Clinical Pharmacology

- DM (Clinical Pharmacology)- 02
- MD Pharmacology (Rotation for 2 months) - 17
- PhD Applied Biology (Mumbai University)- 01
- PhD Clinical Pharmacology (MUHS)- 0
- MSc Applied Biology- 01
- MSc Pharmaceutical Medicine (for academic year 2015-16)- 05

Community Medicine

- 10 Students of D.H.A. from Garware Institute of Management posted for internship in the department in the year 2015.

	Course offered	Intake	Results (2014)
1	M.B.B.S.	180	Pass – 173 Failed -7
2	Diploma in Public Health	2	All passed
3	M.D. (Comm. Med.)	19	12 Pass 6 Fail 1 Not Appeared
4	Postgraduate course in Pharmaceutical Medicine	Lecture courses in Community Medicine conducted by PSM Dept.	
5	Bachelor of Occupational therapy (B.O.Th.)	Lecture courses in Community Medicine conducted by Community Medicine Dept.	
6	Bachelor of Physiotherapy (B.P.Th.)	Lecture courses in Community Medicine conducted by Community Medicine Dept.	
7	B.Sc. Nursing (Bhagwati, Cooper Hospital)	Lecture courses in Community Medicine conducted by Malvani Health Centre	

Post Graduate Students Activities for M.D./D.P.H.

Faculty Lectures	Monday
Journal Club presentation	Tuesday
National Health Policies and Programs	Wednesday
Case Presentation	Thursday
Biostatistics & Research Methodology	Friday
University Seminar	Saturday

- Postings of RMOs – KEM Hospital – 22 months (which includes posting in General OPD,
- IDSP, UIP OPD, Naigaon Under -5 clinic & Naigaon geriatric OPD.), Rural health training
- Center – 4.5 months and Malvani Urban Health Center - 8.5 months
- Posting in Kasturba Infectious Disease Hospital for one month on rotation basis
- “Mother Support Group” training for RMO: Rotational 15days training to all 1st Year RMO’s.
- 1 Day training on “Peripheral smear for Malaria Parasite technique” for all 1st Year RMO’s.
- STI/RTI Training at Mumbai District AIDS Control Society, Mumbai
- Visits to Non-Government Organizations (NGO) working in field of health or health related
- Activities, Essay writing on topics of Public Health importance/issues, Recent Advances,
- PG Examination Preparation (Writing and Discussion).

CVTS

- The residents rotate through other disciplines like Cardiology, Chest medicine, Vascular Interventional Radiology and Surgical Oncology at Tata Memorial Hospital.]
- The department offers the M. Ch Course of three years duration in Cardiovascular & Thoracic Surgery under the aegis of the Maharashtra University of Health Sciences Nashik.

Intake of 6 and have 100% retention this year

- The residents go through a rigorous training program aimed at attaining basic clinical and surgical skills
- The department also offers undergraduate course of three years for BPMT perfusion therapy from MUHS Nashik. The students are admitted as per the MUHS Nashik and are trained as qualified perfusionists. The department runs active teaching and clinical training for the perfusion students.
- The department also runs one year certificate course in the Extra Corporeal Perfusion Technology. Intake -3 students every year.
- International Observers and Elective Trainees - 02
- Library – Departmental Library - 358 books

Dermatology

- Increased number of MD Dermatology admissions
- Initiated research projects in collaboration with ICMR immunohematology, biochemistry and clinical pharmacology departments.
- Fellowship in Diagnostic Dermatology- 2 seats
- Library - latest edition of Rooks Dermatology and IADL textbook added
- Workshops [Laser, Dermatosurgery, Hair transplant] conducted
- CME on vesiculo bullous disorders and Dermatopathology

Endocrinology

- DM Endocrinology - passed DM students: 2
- Diploma Diabetology
- Ph.D. applied Biology
- MSc applied Biology

ENT

- Attended teachers training program at Hyderabad, Hotel Novotel in September 2015.
- Renewed certification of GCP

- Attended “A multispecialty CME on communication skills towards untoward situation at Emergency patient care services “
- Conducted Webinar “Foot Steps in ENT “ with Mock exam all over the country for PG Students

Forensic Medicine

- MBBS:
 - a. February 2016 – NIL
 - b. August 2016- 186 (one hundred & Eighty Six)
- TOTAL 186 (one hundred & eighty Six)
- II. BPMT (March 2013):- NIL
- Grand Total:-186 (One hundred & Eighty Six)
- II MB,BS examinations of the MUHS, Nashik
 - a. Held in January 2016
 - o No of candidates sent up: 186(One Hundred & Eighty Six only)
 - o No of candidates passed: - 186
 - o No of candidates failed : 00
 - o Percentage of passed candidates: - 100%
 - o No of student (above 70):10

Gastroenterology

- DM Gastroenterology- 2 students
 - PhD - 2 students
 - MSc- 1 student
 - New courses added and intake for the current year:
- We have received approval of Fellowship in Hepatology from MUHS University to intake MD student for the 6 month course.

Hematology

International:

- Approval from the World federation of Hemophilia, for recognition of the Department of Hematology & ITH as an International Hemophilia Training centre (IHTC). Co director of the same: Dr.Chandrakala.S
- DM Hematology courses

Medicine

- UG- Structured Clinical Training during first clinical posting from July to December 2016
- Coordinated undergraduate & postgraduate student's selection for the Summer School in Oncology 2016 conducted by The King's College London at TATA Memorial Centre, Mumbai
- Organized series of bioethics training programs for medical, PT, OT, Nursing students as head of GSMC MUHS UNESCO Bioethics Unit.

Microbiology

- The department carried out undergraduate training for MBBS, B.Sc.(OT) , B.Sc. (PT), BPMT, and B.Sc.(nursing) students. Post graduate training was provided to MD (Microbiology), M.Sc. (Microbiology) by research, PGDMLT and Ph.D. students.
- MD Microbiology- 06 students
- The pass percentage for M.D in 2015 was 50%.
- Library (Departmental Library) Books – 110
- Journals – IJMM, JPGM
- Internet facility is available for all staff and students

Neonatology

- Organization of 4 SNCU Observer ship training programs (14 days each) for pediatricians & nurses from Odisha and Chhattisgarh under National Reproductive and Child Health Program of Ministry of Health and Family Welfare, Government of India
- Organization of 3 SNCU Observer ship training programs (14 days each) for nurses from peripheral hospitals and maternity homes of MCGM.
- Organization of 9th annual workshop on Neonatal Ventilation from 4th to 9th April 2016
- Organization of 2nd workshop on High Frequency Oscillatory Ventilation for Pediatricians and Neonatologists on 13th October, 2016
- Organized workshop on “Bailey Scale of Infant Development (BSID) III: Assessing key developmental domains in young children” on 20th October 2016.
- Organization of 4th annual Nursing CME on 14th December 2016

Nephrology

- DM Nephrology 2 per, 100 results
- M.Sc. Applied biology- 1 registered- under process
- Ph.D. Applied Biology- 2 registered- 1 thesis submitted
- Departmental Library have on line “Up-to-date”
- Literature access.
- Departmental Library - Total Number of books – 370
- Journals – Indian -1, Foreign – 4.

Neurology

- Epilepsy fellowship was started under aegis of MUHS Dr.Pawan Soni passed Epilepsy fellowship exam in the yr 2016
- Library – Dept library holds 250 books.
- BPMT- five students taken for Neurophysiology course

Neurosurgery

- M.Ch. Neurosurgery- 4
- The department is now planning to start fellowship courses with MUHS University.
- The Department has a Micro neurosurgical laboratory for anatomical dissections
- Library has 2314 books and various national and international journals

Nuclear Medicine

- RSO training workshop for India for radiation Safety exam conducted

Nursing

- Have specialized Clinical Nurses in various field such as Pediatric, Neonatology, Psychiatry, Stoma Therapy, Oncology, Burns, Operation, Theatre Technique. Diploma in Hospital Administration, Diploma in Nursing Education and Administration, ICU Nursing and B.Sc. Nursing

Obstetrics and Gynecology

- MBBS-180
- DGO-12
- MS-24

Occupational Therapy

- B.O.Th: 4 ½ years course
- Intake Capacity: 40 seats
- Admitted for First B.O.TH in: 40 students
- M.O.Th: 3 years course
- Intake Capacity: 20seats (10 seats as per available PG teachers)

- Admitted for M.O.Th – I in 2016: 10 students in the following specialties:
- Occupational Therapy in Neurosciences.
- Occupational Therapy in Developmental Disabilities.
- Occupational Therapy in Musculoskeletal Sciences.
- Ph. D.
- Intake Capacity: 3
- Admitted in 2016: 3
- Externship: 6 months duration for students from colleges affiliated to MUHS
- Externs in 2016: 0
- Observer ship: 1 month duration in the fields of interest
- 60 journals, 512 books

Ophthalmology

- MS Ophthalmology

Orthopedics

- Courses offered – MS Orthopedics, MUHS & MCI recognized.
- Intake of 11 post graduate candidates selected from state and all India post graduate entrance examination.
- We conduct regularly monthly clinical meets, educative ward rounds and bedside clinics Pathology
- Online access to several journals

Pathology

- Conducted Cytology CME in February 2016 with visiting international faculty Dr. Dina Modi, USA and participation of 280 delegates
- Conducted an all-India level Autopsy Workshop with 225 delegates in 31st March – 2nd April, 2016.
- “Hands-on-slide viewing session of peripheral blood smears and bone marrows” 2016, Dr. Daksha P, Dr. Tejaswini, Dr Ratnaprabha Ghodke , Dr Jayashri Chaudhari
- Guest Lecture: Dr Aarti (Harvard Medical school) – Breast cancer Genomics on December, 2016.
- M.D. (Pathology) – 14 students per year
- MBBS – 180 students per year
- D.M.L.T - 10 students per year
- B.P.M.T Course – 22 students
- Fellowships in Cytopathology, Renal Pathology, GI Pathology, Cardiovascular Pathology, Pediatric Pathology and Neuropathology – 12 fellows enrolled per year - 2 per subspecialty
- Observer ships offered for Autopsy training and Histopathology training to MD Pathology post-graduates in Pathology from all over India.

Pediatric Surgery

- Completed MUHS approved fellowship course in Pediatric Minimal Access Surgery- 02 Students
- MCh in Pediatric Surgery
- 331 books and 53 periodicals

Pediatrics

- MD Pediatrics: 16 seats (includes KEM Hospital and B.J. Wadia Hospital)
- DCH: 12 seats (includes KEM Hospital and B.J. Wadia Hospital)
- Fellowships: Fellowship in Pediatric Intensive Care (2 seats); Fellowship in Clinical Genetics (2 seats) and Certificate Course in Pediatric Respiratory Disorders (2 seats).
- MSc in Applied Biology
- MOCP (Medical Officer Certificate Course) Training Program with 4 trainees in a year. Under this program, medical officers from various district/ civil hospitals are trained in Pediatrics on an ongoing basis (in batches for 6 months each).
- Library has 331 books and 53 periodicals.

Pharmacology and Therapeutics

- MD Pharmacology- New students joined - 10.
- All postgraduate students (n=6) completed the course successfully in first attempt.
- PhD Applied Biology- new student joined - 1, Ms. Gladnis Samuel was awarded PhD degree for her thesis entitled, "Plant based immunostimulation: rational approach towards formulation development"
- M.Sc. Applied Biology

Educational activities initiated by the faculty members:

- Developed and implemented a structured programme for 2nd MBBS students.
- 14 e-learning modules in form of e-quiz (including case based MCQs on antimicrobial agents and analgesics).
 - o Booklets on Specific Learning Objectives and Model Prescriptions for Common Disease Conditions published.
 - o Museum in Pharmacology was used as a teaching tool for students as a part of curriculum.
- Introduction of extramural sessions in Pharmaceutical industry and also in the Department of Clinical Pharmacology (TDM and pharmacovigilance). Dr. Kinnera Putrevu, Dr. Hemant Kanase and Dr. Roshni Panchal were selected in campus interview as Trainee Interns by Abbot Health Care division. The rest received training in Glaxo Smithkline Ltd. and Pfizer India Ltd.
- Exposure to postgraduates in rotation, for ethical review meetings of Institutional Ethics Committee.
- Procured Animal simulator software for postgraduate students in Pharmacology.

Participation in teaching and training activities:

- Department conducts teaching sessions every year for the students of II MBBS, II year BOTh, II year BPTh, II year BPMT and II year Nursing students of the college.
- Department organised and conducted several workshops on - Research Methodology, GCP, Biostatistics for various organisations.

Physiology

- Postgraduate degree course in Human Physiology- intake 9 students
- I MBBS-180
- IIIrd MBBS (Integrated lectures)- 180
- FYBOTh /FYBPTh- 40+40
- III year OT- 40
- Bachelor of Para-Medical Technology 1st & 2nd year- 25

Physiotherapy

- PhD Program me in physiotherapy at MUHS Nashik.
- Formulation and Execution of teaching program for graduate and
- Postgraduate Physical Therapy courses.
- Formulation of Clinical teaching and training program for graduates and
- Postgraduate courses.
- Projects for undergraduate students.
- Dissertations for postgraduate students.
- Seminars for postgraduate students with evidence based management
- Specialty:
 - o P.T. in Musculoskeletal sciences
 - o P.T. in Neurosciences
 - o P.T. in Cardiovascular & Respiratory Sciences
- Critical appraisal of literature for postgraduate students
- Externs & Observers training from all over India.
- Training to nursing students from S.N.D.T. University March 2014.

Plastic Surgery

- M.Ch. Plastic Surgery- 2 students per year

Psychiatry

- International Observers/Trainees -14 observers in psychology
- MD (Psychiatry) – 5
- DPM (Psychiatry) – 1

New Courses/Activities

- MUHS Approved One Year De-addiction fellowship Course started in September 2016. 2 MD Psychiatry students have been enrolled since 1st September 2016
- Books on psychiatry and allied subjects: 872

Radiology

- 1 year MUHS fellowship courses in Interventional Radiology, Neuroradiology USG and Color Doppler and Vascular and Interventional Radiology.
- M.D radiology
- DMRD Course

Surgery [General Surgery]

- Department Organized Fellowship in Advanced Laparoscopic Surgery course of IAGES in January 2016. More than 30 surgeons registered for the course. Operative workshops with 6 major surgeries were performed.
- Post graduate CME March 2016.
- Organized State level Postgraduate Quiz in Surgery for the Maharashtra State Chapter of Association of Surgeons of India in which more than 25 teams participated.
- Dr. Saneya Pandrowala was selected to represent and present case in PG CME conducted as part of ASICON 2016.

Surgical Gastroenterology

Courses Offered:

- One Year Fellowship in Minimal Access Surgery with intake of two students every year
- One Year Fellowship in HPB Surgery with intake of one student every year
- Conduct Quarterly Basic Laparoscopic Instructional Course for Surgeons from Periphery.

New Courses added:

- MUHS Fellowship in HPB and Liver Transplant Surgery with intake of 1 candidate annually.
- Maharashtra Government Sponsored One Fellowship for Rural Surgeons in GI Surgery

Transfusion Medicine

MD in Transfusion Medicine

Urology

- Full-fledged training program for M..Ch. Residents recognized by the University of Mumbai.
- Recognized by the Medical Council of India (MCI) and National Board of Examination, New Delhi to train DNB urology candidates.

Patient Care

Patient Care

Anatomy

- Quality education and training are imparted to First MBBS and MD Anatomy students for better patient care

Anesthesia

- Anaesthesiology department catered to 43 operation theatre tables located in 15 OT complexes.
- Anaesthesia services were given to about 63,000 surgical patients & the department catered to 28,000 Anaesthesia OPD patients for pre-operative evaluation.
- PAIN CLINIC OPD on every Wednesday from 1.30 p.m. to 3.30 p.m. Room No. 345, Multi storage Building, Ground Floor.
- The department has special post-operative pain relief services and 'Anaesthesia Intensive Care Unit'.

Biochemistry and Clinical Nutrition

Number of tests done in CCBL from January 2016 to November 2016

Month	Tests	No. of Investigations		Monthly Total		Total No. of Investigations
		Male	Female	Male	Female	
January	BSL F	3864	2894	32889	28191	61080
	BSL PP	10079	8127			
	LFT	9754	7882			
	RFT	9372	9288			
February	BSL F	3513	2684	30889	26598	57487
	BSL PP	9865	7853			
	LFT	8547	7216			
	RFT	8964	8845			
March	BSL F	3910	2916	33097	27942	61039
	BSL PP	10125	8243			
	LFT	9826	7679			
	RFT	9236	9104			
April	BSL F	3628	2917	31046	27093	58139
	BSL PP	10156	8265			
	LFT	8129	7065			
	RFT	9133	8846			
May	BSL F	3450	2722	31117	27258	58375
	BSL PP	9871	8730			
	LFT	8620	7412			
	RFT	9176	8394			
June	BSL F	3654	2856	31581	28385	59966
	BSL PP	9765	8849			
	LFT	8934	7824			
	RFT	9228	8856			
July	BSL F	3560	2871	31351	27785	59136
	BSL PP	9743	8647			
	LFT	8792	7624			
	RFT	9256	8643			

Month	Tests	No. of Investigations		Monthly Total		Total No. of Investigations
		Male	Female	Male	Female	
August	BSL F	3413	2965	30903	28242	59145
	BSL PP	9512	8974			
	LFT	8634	7856			
	RFT	9344	8447			
September	BSL F	3612	2782	31289	27692	58981
	BSL PP	9672	8696			
	LFT	8757	7682			
	RFT	9248	8532			
October	BSL F	3832	2866	32874	27495	60369
	BSL PP	9997	8486			
	LFT	9763	7450			
	RFT	9282	8693			
November	BSL F	3501	3012	30449	22471	52920
	BSL PP	9046	8523			
	LFT	8631	7482			
	RFT	9271	3454			

Number of tests done in EMS Laboratory from January 2016 to November 2016

Month	Tests	No. of Investigations		Monthly Total		Total No. of Investigations
		Male	Female	Male	Female	
January	BSL	8766	7113	17612	14336	31948
	LFT	2598	1080			
	RFT	6248	6143			
February	BSL	8493	6874	16892	13718	30610
	LFT	2461	973			
	RFT	5938	5871			
March	BSL	8852	7433	17536	14495	32031
	LFT	2614	1124			
	RFT	6070	5938			
April	BSL	8542	6947	16634	13793	30427
	LFT	2308	956			
	RFT	5784	5890			
May	BSL	8335	7072	16916	14169	31085
	LFT	2469	1093			
	RFT	6112	6004			
June	BSL	8798	6633	18313	14949	33262
	LFT	3307	1819			
	RFT	6208	6497			
July	BSL	8451	7121	17189	14529	31718
	LFT	2689	1163			
	RFT	6049	6245			
August	BSL	8746	7344	17827	15208	33035
	LFT	2845	1347			
	RFT	6236	6517			
September	BSL	8322	7209	17081	14586	31667
	LFT	2658	1099			
	RFT	6101	6278			

Month	Tests	No. of Investigations		Monthly Total		Total No. of Investigations
		Male	Female	Male	Female	
October	BSL	9003	7222	17904	14863	32767
	LFT	2743	1340			
	RFT	6158	6301			
November	BSL	8948	7382	17810	11505	29315
	LFT	2784	1299			
	RFT	6078	2824			

Cardiology

No. of Procedures done in Siemens Cath Lab from 1st January 2016 to 30th November 2016

Types of Procedures	No. of Procedures
Coronary Angiography	1479
BMV	133
BPV	12
BAV	6
BAS	1
Subclavian artery Stenting	1
ASD Device Closure	21
VSR Device closure	3
RSOV Device closure	2
PDA Device Closure	23
PCI with stent	477
PAMI	38
Rotablator	12
Renal artery plasty with stenting	4
Electrophysiology Study and Radio Frequency Ablation	75
PPI Implantation	53
Diagnostic Catheterization	53
AICD implantation	6
CRTP implantation	4
Coarctoplasty	8
LA Appendage Device Closure	2
AP window device closure	1
Total No. of procedures	2414

From 1st January, 2016 to 30th November, 2016

- Total No. of patients admitted in ICCU : 1470
- Total No. of patient admitted in Wd. 32 : 2506
- Total no. of patients done : CST : 2033
- Total no. of patients done : 2D ECHO/CD : 7973
- EMS – 92262 CVTC – 13,929
- CVTC OPD: New: 11,422 Old: 24,211

Chest Medicine

- The total number of admissions for year 2016 was 1272 (ward-1001, IRCU-271). The Department of Chest Medicine has outpatients Chest clinics on biweekly basis.
- The total numbers of new patients seen till date are 7026, while total numbers of follow-up patients were 17648 (2016).

Pulmonary Function Tests performed in 2016	
FV Loop	2732
DLCO	84
RV/TLC	85
PEFR	22
MEP/MIP	10
Exhaled Breath Condensate	20

Arterial blood gas laboratory:

- Tests performed – 71478
- Number of allergen tests performed – 11
- Skin Prick- 6

	Number of admissions
IRCU	271
WARD	1001
TOTAL	1272

(Total admissions 2016)

OPD	Numbers
NEW	7026
OLD	17648

Mortality rate:

- The total number of admissions is 1272. And 271 patients required Intensive Care. The total number of deaths in 2016 is 38. The mortality rate is 2.98 %. (01/01/2016 to 01/12/16)

	2014	2015	2016*
Admissions	921	1017	1272
Ward 32	619	675	1001
IRCU	302	342	271
Deaths	29	38	38
Mortality%	3.14%	3.73%	2.98%

Procedures done in 2016	
Bronchoscopy	121
Pleural tapping	158
Lymph node FNAC	163
CT Guided Biopsy	8
Bronchial washing	98
Diagnostic BAL	22
Therapeutic Lavage	1
Glue for Broncho-pleural fistula	2
Biopsy	8
TBNA	3
TBLB	4

Asthma Education:

- The department of chest medicine has an *asthma education programme* for indoor and outdoor patients. In addition, the EPRC team is also involved in creating asthma awareness and education of school children.
- The EPRC team carries out an annual respiratory morbidity survey of BMC employees working in the chlorination department and sewage pumping stations.

Special facilities for patients:

- The medical social workers of this department regularly educate and assess the patients.
- In special cases, a team comprising of a doctor, a social worker and a health visitor visits the patients' home/work environment to assess any environmental aspect acting as a trigger factor for respiratory ailments.
- Diagnostic & therapeutic bronchoscopy services are provided on round the clock basis, along with the expertise required for transbronchial and endobronchial mass biopsies, transbronchial needle aspiration & bronchoalveolar lavage.
- Perform fiberoptic bronchoscopy guided endotracheal intubations for patients with difficult or distorted airway anatomies in various operation theatres.
- The dept also undertakes Therapeutic Broncho-Alveolar Lavage for patients of Pulmonary Alveolar Proteinosis (Serial Lobar Lavage) under General Anaesthesia in Thoracic OT.
- DOTS Plus services for treatment of MDR pulmonary patients has been started at Sewree T.B hospital since July 2010. The number of patients enrolled in 2016 (till date) is 984; while the Extensively Drug Resistant (XDR) cases enrolled under KEM DPS were 125.
- Under Rajiv Gandhi Jivandayi Arogya Yojna (initiated by KEM Hospital in July 2012), 259 patients have benefited till date in year 2016.

Bedaquiline Conditional Access Programme:

- The Central TB Division, has started Bedaquiline Conditional Access Programme under strict supervision at six sites across the country including KEM (at GTBH, Sewree) hospital in Mumbai.

Clinical Pharmacology

Therapeutic Drug Monitoring OPD:

Total patients seen	3106
Follow up patients	1800
New Patients	1306

Drug wise patients who reported to the OPD;

Name of the drugs	Patients who reported for analysis
Valproate	1265
Phenytoin	835
Phenobarbitone	477
Carbamazepine	476
Lamotrigine	53

Malaria OPD:

Total Number of Slides screened	8476
Total Positive	242
Total Number positive for <i>P.Vivax</i>	236
Total Number positive for <i>P.falciparum</i>	05
Total Number positive for mixed infections	01

Lithium Data:

Total number of patients	89
New patients	49
Old patients	40

ADR Reporting:

- Total ADR reported: 1377

Community Medicine

General OPD services:

Month	Male	Female	Total
December 2015	4253	2763	7016
January 2016	3402	2861	6263
February 2016	4721	3411	8132
March 2016	3721	2511	6232
April 2016	3454	2618	6072
May 2016	3212	2292	5504
June 2016	3401	2405	5806
July 2016	4113	3863	7976
August 2016	4642	3762	8404
September 2016	5236	3412	8648
October 2016	5015	3139	8154
November 2016	2622	2071	4693
Total	47792	35108	82900

- In the same premises, screening of BMC employees is also carried out for infectious diseases and chronic diseases. A total of 3675 employees (male – 1380 female – 1295) were examined in 2016.

Morbidity:

Sr. No.		Male	Female	Total
1	Musculoskeletal	6714	3506	10220
2	Fever	9913	7812	17725
3	Headache	3821	3220	7041
4	ARI	7016	2223	9239
5	Chest pain	2626	2233	4859
6	AGE	2012	1437	3449
7	UTI	1916	1912	3830
8	Cough with Expect	1206	806	2012
9	PS for MP	312	132	444
10	Ref for Bl. Sugar	2480	2036	4516
11	Skin	822	1832	2653
12	STI/RTI	561	243	804
13	ICTC referral	313	143	454
Total		39712	27535	67246

Immunisation OPD:

The national program for UIP is being implemented in our institute with following beneficiaries.

- Vaccine beneficiaries:

Vaccine	Male	Female	Total
BCG	4543	4263	8806
OPV 0	5069	4102	9171
DPT 1, DPT2, DPT 3/ OPV1, OPV2, OPV3	7864	8098	15962
HBV 1 , HBV 2, HBV 3	3932	4049	7981
Measles	77	82	159
MMR	64	61	125
DPT / OPV B1	1034	699	1733
DT / OPV B2	370	286	656

In addition, 6 rounds of National Pulse Polio immunisation on Sundays followed by a week of IPPI activities within the campus were conducted in the year of 2016.

Naigaon Geriatric OPD:

Total patients –

Months	old	New	Male	Female	Total
December	126	15	35	106	141
January	138	6	49	95	144
February	88	7	29	66	95
March	118	4	39	83	122
April	95	7	28	74	102
May	75	3	21	57	78
June	106	8	38	76	114
July	100	9	28	81	109
August	87	13	34	66	100
September	91	7	27	71	98
October	92	7	33	66	99
November	108	21	36	93	129
Total	1224	107	397	934	1331

Naigaon under five clinic:

- No. of New registration: 131
- No. of old beneficiaries : 211

Integrated Disease Surveillance Program:

- The total cases (disease under surveillance) admitted in KEM Hospital this year were 5319.

Services at Naigaon Health Centre:

- General OPD (Geriatric Clinic) on every Wednesday & Friday- 1478 patients were examined in the General OPD
- Under Five Clinic at Naigaon Maternity home on every Tuesday & Friday- 433 beneficiaries attended this clinic.

Services at Malvani Urban Health Centre:

- The old centre located at Malvani is proposed to be demolished and new multi-storied health centre will be constructed.

Quantum of care

- General OPD

	CHILDREN		ADULT	TOTAL
	0-5 Yrs	6- 12 Yrs		
MALE	6861	4800	12560	24221
FEMALE	6219	5103	22205	33527
TOTAL	13080	9903	34765	57748

- SPECIAL OPDs

OPD		No.of patients
Dental		0
Psychiatry	New	84
	Follow up visits	793
	Total	877
Ophthalmology	Cataract surgery	0
	Optometry	0
	Total	0
Injections given		3130
Skin		4348

- Chronic OPD

Patient visits

Disease	Male	Female	Total
HYPERTENSION	490	1661	2151
DIABETES MELLITUS	119	521	640
BRONCHIAL ASTHMA	14	33	47
HT with DM	290	874	1160
IHD	9	52	61
HTN with Asthma	0	13	13
Epilepsy	0	0	0
Others	0	0	0
Total	922	3154	4072

Revised National Tuberculosis Control Programme:

CAT I								CAT II										Total		Total Patients
NSP		NSN		NEP		Total		R		F		TAD		Other		Total				
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
80	76	39	38	41	73	160	187	35	19	3	2	8	2	35	32	81	55	241	242	483

Transfer In: Males- 9; Females- 5; TG- 2; NSN-TG-0

MDR patients on Cat IV & V: Males : 38; Females: 30; TG: 0

	M	F	Total
No. of children started on INH prophylaxis started in RNTCP OPD	106	116	222
No. of children given MT	0	0	0
No. of children found MT positive	0	0	0
No. of MT positive symptomatic children started on AKT	0	0	0

Disease	Patients Screened		Patient found Positive	Positive pts started on Treatment at MUHC
	Adults	Children		
Tuberculosis suspects	1359	92	265	351
Malaria [suspected]	2023	1656	P. vivax	11
			P. falciparum	2
			Mixed	0
			Total	13
Suspected AGE	574	914	0	1315
Hepatitis/Dengue/Others	686	631	-	362
Suspected Measles	0	0	0	0
AFP	0	0	0	0

IDSP:

Universal Immunization Programme:

Vaccination	Male		Female		Total
	< 1yr	> 1 yr	< 1yr	> 1 yr	
OPV 0	69	0	52	0	121
BCG	179	0	93	0	272
DPT1 + OPV 1	219	0	202	0	421
DPT2 + OPV 2	253	0	136	0	389
DPT3 + OPV 3	127	0	103	0	230
HBV-0	59	0	39	0	98
HBV1	219	0	161	0	380
HBV2	253	0	151	0	404
HBV3	127	0	121	0	248

Vaccination	Male		Female		Total
	< 1yr	> 1 yr	< 1yr	> 1 yr	
MEASLES	212	0	108	0	320
BOOSTER1(DPT)	0	109	5	93	207
MMR	0	108	0	95	203
BOOSTER2(DT)	0	31	0	25	56
Inj.TT	0	18	0	16	34
Total	1717	266	1171	229	3383

Laboratory Report:

Investigation	No. of patients
Hb. – routine	0
Blood group	0
ESR	89
FBS/PLBS	232
RBS	-
Sputum for AFB Positive	340
Sputum for AFB Negative	2167
Urine pregnancy test	10

Medical Social Worker counseling:

OPD	Patients counseled by medical social worker
GOPD	760
POPD	1894
COPD	4431
WBC	340

- No. of community visits: 54
- No. of child to child programme: Nil
- Monthly meetings of patients on DOTS: 460 (No. of pts attending)
- Referral: 261
- ANC patients at MMH: 190 (Health education)
- PNC clinic at MMH: 40 (Breast feeding education)

Services at Rural Health Training Centre:

The various curative, preventive, promotive and rehabilitative services provided to the population of nearby villages of the R.H.T.C.s for the year 2016 are as follows:

- **Pise-Panjrapur RHTC**

OPD Services

New	Old	Total Beneficiaries
400	1750	2150
Male	Female	Total Beneficiaries
1610	6	1616
Adult	Children	Total Beneficiaries
1600	0	1600

School Health Check-up Activities: Pise ZP school, Amne ZP school

Male	Female	Total Beneficiaries
115	145	260

ANC Aarogya Shasta Activities: At Khadavli camp

	New	Old	Total Beneficiaries	Referrals
ANC	390	110	483	30
Pediatrics	75	81	156	-

- Sakwar RHTC :**

OPD Services

New	Old	Total
14357	19697	34054
Male	Female	Total
14010	16635	30645
Adult	Children	Total
30645	3409	34054

School health check up activities:

- Male – 900, Female - 722, Total Beneficiaries - 1622

Immunization sessions activities

- Sessions – 14, Total beneficiaries – 260

Anganwadi Health check up activities:

- Male – 347, Female – 479, Total beneficiaries – 826

Pulse Polio activities:

- Sessions – 3, Total beneficiaries: 223

Geriatric health check up activities:

- Male – 741, Female - 767, Total Beneficiaries - 1508

Health education sessions conducted: 52

Maternal and child health activities

	New	Old	Total
ANC	102	118	220
Paeds	1722	1920	3642

- Khadavli RHTC:**

General OPD

Adult		Children		Total
Male	Female	Male	Female	
4420	5600	1912	1516	
10020		3428		13448

	Male	Female	Total
School Health check up	630	534	1164
Geriatric health check up	243	204	447
Anganwadi health check up	2020	1936	3956
	New	Old	Total
ANC Aarogyashastra activity (ANC)	412	264	676
ANC Aarogyashastra activity (Pediatrics)	512	2012	2524

Immunization: Sessions: 272; Total Beneficiaries = 2365

Pulse Polio: Sessions – 4; Total Beneficiaries = 14,118

CVTS

- Out Patient Services:

Four Outpatient Clinics are conducted every week.

- New patients as well as follow-up patients are seen in the OPD. Till 30th November, around 2000 new cases were evaluated for various Cardiac Thoracic and Vascular ailments.

- Operative Work Details

Total Admissions : 871

Total Surgeries : (Open – 426, Closed- 155 Emergency - 79)

Dermatology

- Department provides education pamphlets for prevention of fungal infections for patients and their relatives in collaboration with Preventive and Social Medicine department.
- Strengthened Ultraviolet therapy and cosmetic dermatology services.
- Treating patients with life threatening diseases with biologic injections
- Multiplatform harmony laser machine, which has revolutionized the treatment of following untreatable diseases: Stable vitiligo, Hirsutism, Acne scars , Psoriasis and Facial Rejuvenation.
- Old cases- 28065
- New cases- 24214
- Biopsies-2802
- STI clinic-1560
- Lasers-838
- Minor procedures-3991
- Chemical peels-5140
- Ward admissions-413
- Surgeries- 3169

Dentistry

- Total OPD Patients: 12,222
- Extractions done: 1048
- Root canal procedures: 214
- Restorative work (fillings): 387
- FPDs: 168
- IOPAs (dental X-ray): 2200
- Major & Minor Surgeries: 58

Endocrinology

- Indoor admission: 610 (January 2016 to 1.12.2016)
- Outdoor patient: 44709 (January 2016 to 1.12.2016)

	New Pts	Old Pts	Total
Diabetes	4851	20371	25222
Thyroid	5801	9248	15049
P&G No.	1211	3227	4438
Total :	11863	32846	44709

Indoor Admission – (January 2016 to 1.12.2016)

Month	Male	Female	M/C	F/C	Total
January	24	25	7	2	58
February	26	25	6	2	59
March	25	26	5	5	61
April	21	21	7	5	54
May	24	20	4	7	55
Jun	25	20	8	2	55
July	23	12	5	1	41
August	32	24	4	5	65
September	28	14	7	3	52
October	22	20	03	-	45
November	33	24	04	04	65
Total	283	231	60	36	610

- *Out Door Patient new*

DIABETES –

Month	Male	Female	M/C	F/C	Total
January	186	224	2	2	414
February	215	208	2	2	427
March	194	234	3	6	437
April	168	230	2	3	403
May	190	262	6	2	460
Jun	155	221	-	5	381
July	196	266	1	-	463
August	247	287	3	-	537
September	223	228	5	1	457
October	182	209	2	2	395
November	232	244	01	--	477
Total	2188	2613	27	23	4851

THYRIOD –

Month	Male	Female	M/C	F/C	Total
January	59	424	3	7	493
February	49	473	7	8	537
March	60	525	5	10	600
April	36	471	9	6	522
May	48	565	11	6	630
Jun	49	467	4	2	522
July	45	460	5	1	511
August	40	431	2	5	478
September	62	422	8	2	494
October	49	403	8	1	461
November	57	487	05	04	553
Total	554	5128	67	52	5801

PUBERTY & GROWTH –

Month	Male	Female	M/C	F/C	Total
January	39	62	12	6	119
February	36	77	14	7	134
March	19	47	11	11	88
April	45	58	8	9	120
May	90	84	11	8	193
Jun	48	51	12	12	123
July	36	55	9	7	107
August	21	46	9	7	83
September	33	31	5	9	78
October	44	36	6	4	90
November	29	27	12	08	76
Total	440	574	109	88	1211

OLD DIABETES –

Month	Male	Female	M/C	F/C	Total
January	745	896	1	-	1642
February	817	907	6	3	1733
March	1122	1145	4	9	2280
April	741	942	-	-	1683
May	786	934	3	-	1723

Month	Male	Female	M/C	F/C	Total
Jun	761	959	3	-	1723
July	777	949	4	-	1730
August	802	1014	-	1	1817
September	823	1137	1	-	1961
October	834	980	1	1	1816
November	1133	1126	02	02	2263
Total	9341	10989	25	16	20371

OLD THYROID –

Month	Male	Female	M/C	F/C	Total
January	75	859	1	-	935
February	50	809	1	-	860
March	83	932	2	3	1020
April	59	673	4	2	738
May	73	799	3	3	878
Jun	64	847	-	1	912
July	78	769	3	1	851
August	46	718	3	-	767
September	60	737	4	-	801
October	81	656	3	-	740
November	52	690	04	-	746
Total	721	8489	28	10	9248

• *Hormone Assay Workload 2016*

Sr.No	Test	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov
1	FBS	1045	802	834	840	766	939	9 40	963	955	890	986
	PLBS	414	313	333	315	279	398	738	220	213	171	123
2	HbA1c	1297	1092	991	845	936	1023	942	1050	1076	1140	1342
3	T3	1153	1595	1090	937	1250	770	978	1161	855	1010	989
4	T4	1117	1755	1170	1105	1270	795	1016	1270	956	1040	1038
5	TSH	2314	2198	2350	2016	2420	1022	2320	2490	1900	245	1945
6	AMA	131	203	194	102	173	98	197	160	180	181	181
7	FSH	166	147	239	128	150	84	155	172	144	157	148
8	LH	119	153	237	113	140	153	185	178	123	162	154
9	PRL	138	133	264	116	175	72	136	198	132	164	154
10	Testo	238	103	174	108	120	71	258	158	119	167	149
11	Cortisol	94	96	260	139	134	72	110	163	180	204	134
12	PTH	155	135	290	148	219	83	190	183	176	270	149
13	ACTH	77	58	138	0	0	0	0	0	0	0	0
14	IGF1	67	60	38	0	0	0	0	0	0	0	0
15	HGH	77	104	65	0	0	0	0	0	0	0	0
16	FT3	51	35	132	92	124	58	112	134	108	108	116
17	FT4	55	38	140	97	168	69	135	168	115	146	133
	Total	8708	9020	8939	7101	8324	5707	8412	7623	7232	6055	7741

• **Overall highlight of patient care services.**

All services are carried at OPD No. 103, 1st floor old building. EXT: 7317, 7491

- Pituitary meet: 1st Wednesday of every month.
- Thyroid meet / Histopathology meeting: 2nd Wednesday of every month

- Adrenal meeting: 3rd Thursday of every month
- Inter-college Mumbai Endocrine group meeting: 3rd Wednesday of every month
- Webinar with CMC Vellore Endocrinology: Last Tuesday of every month
- Webinar with Michigan university endocrinology, USA: Once in every 2 month
- DSD meet: Second Wednesday of every month with pediatric surgeon
- Head face neck Meeting: once in 2 months on 3rd Wednesday
- Pancreatic neuroendocrine tumour Meeting: once in 2 months on 3rd Wednesday
- Plastic surgery meet: First Monday of every month for surgical management of DSD patients

ENT

- Total inpatients admission – 2136
- Total surgical procedures – 2124
- Total New out patients – 25037
- Total no. of Audiograms (July 2016 to Dec. 2016) -1150
- Total no. of speech evaluation –90

Forensic Medicine

- Estimation of age of 103 persons (till date) including sportsperson & others status. Consultation to surgery & medicine wards regarding the injury certificates in admitted cases.
- Expert opinions given on different Ante-mortem Cases Like: Sexual Assaults, Violent Asphyxias, Poisoning Cases, injury cases, etc.
- Forensic Odontology Expert Opinion given on cases of Sexual Assault, identification of unknown & Age assessment.
- Total Ante-mortem cases -209 (till date)

Gastroenterology

- Number of patients seen in gastroenterology OPD:

O.P.D. Patients	14365
New patients	4965
Follow up patients	9400
Indoor Patients	
Admitted to Gastroenterology wards	1053
Referred patients (Indoor)	
Procedures	
Diagnostic	
Upper GI Scopy	2904
Colonoscopy	878
E.R.C.P.	665
Proctoscopy	800
Liver Biopsy	201
EUS procedure	300
Therapeutic Procedures	
Esophageal Variceal Sclerotherapy	159
Esophageal Variceal Band / Loop Ligation	436
Endoscopic clipping for bleeding lesions/ polyps	60
Esophageal Dilatation	230
Esophageal Prosthesis Placement	16
Gastric varices injection with glue	40
Bleeding Ulcer Injection	278

EUS therapeutic Biopsy	109
POEM	1
Argon Plasma Coagulation	40
Endoscopic biliary sphincterotomy and drainage	502
Endoscopic pancreatic sphincterotomy and drainage	75
Pancreatic cyst drainage	25
Polypectomy	70
Foreign Body removal	103
Percutaneous endoscopic gastrostomy	15
Rectal Stricture Dilatation	8

Special Procedures:

- Endoscopies in children are done under general anesthesia: 170

Special Investigations:

- Esophageal Manometry was done in 170 patients.
- Anorectal Manometry: 180 ; pH metry : 40 ;Antroduodenal – nil
- Timed Barium swallow - 20
- Thromboelastogram (TEG) – 10
- *Special services for patients:*

24-h emergency service, especially for patients with GI bleeds, pancreatitis, cholangitis and liver disease complications

Hematology

- New ward has been inaugurated for Hematology day care centre located on 11th floor east wing on 19/12/2016. Here we have 10 beds and 5 reclining chairs with total capacity of 15 beds.

Day Care: The department runs a day care, for patients to be given treatment on a day care basis.

This includes patients of:

- Thalessemia for blood transfusions,
- Bone marrow failure syndromes for blood & platelet transfusion
- Hemophilia's & other coagulation disorders for factor treatment and physical therapy
- Platelet disorders for transfusions
- Leukemias & lymphomas for chemotherapy, oral, I,V, & Intrathecal.

Day care patients:

Month	No of Patients	
	2015	2016
January	210	770
February	235	645
March	221	729
April	193	974
May	254	886
June	234	626
July	312	894
August	366	859
September	367	1048
October	405	925
November	366	1038
December	380	206 (up to 9.12.16)

- The department also runs a **chemotherapy service** for patients of hematological malignancies. This is done both on an indoor and an outpatient basis as a day care service.

Month	Admission/death
January 2016	87/Nil
February	82/2
March	77/2
April	84/1
May	76/6
June	90/3
July	55/1
August	81/1
September	75/3
October	85/2
November	83/1

- Bone marrow transplant: - Successfully completed 11 autologous bone marrow transplant for Multiple Myeloma patients.
- One patient has been successfully treated with matched sibling allogenic bone marrow transplant.
- Laboratory information:** The Haematology Laboratory is situated on the 10th Floor, Multistory Building. Various Tests such as Hemogram, Bone Marrow aspiration, Biopsies, Hemolytic Workup, Haemostatic Work up and Iron studies are done. A month wise statistical breakup of the various tests during 2013 is as follows: -

TEST	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV
CH	1320	1339	1407	1271	1393	1360	1301	1417	1413	1445	1390
RETIC	275	249	283	249	286	287	257	327	330	362	327
TC/DC	1320	1339	1407	1271	1393	1360	1301	1417	1413	1445	1390
ESR	06	05	05	06	06	04	08	02	07	03	03
Plt.C	1320	1339	1407	1271	1393	1360	1301	1417	1413	1445	1390
MP	01	00	01	03	01	05	01	03	--	02	00
BMA	107	77	135	103	88	110	106	113	94	120	95

TEST	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV
PT	96	88	130	79	142	114	100	-	-		
MPT	13	14	18	09	20	26	19	-	-		
APTT	57	60	101	44	108	99	89	-	47	27	59
mAPTT	47	09	10	17	05	19	16	14	-	-	
HbEpp	26	10	51	49	17		-	-	-	-	
	26										

Medicine

- Management of first line failure on HIV therapy patients, Management of pts with CMV retinitis Patients of HIV with ADRs of ART
- Total 25 ventilators - to provide noninvasive & invasive mechanical ventilation to acute lung injury/ ARDS/ Respiratory/ depression/ Cardio respiratory failure patients.
- Number of patients on ventilator approximately- 450
- Plasmapheresis: To patients of Gullian Bare Syndrome, Myasthenia Gravis, TTP, Polymyositis, both MICU patients & Medical ward patients with help of Plasmapheresis pump 1- 2 per month.
- Renal replacement therapy is given by following : CAVH, CVVHDF on CRRT machine available in MICU.
- 2Decho done by portable, USG + Echo machine on MICU patients: 332.
- Bronchoscopy: Therapeutic, Diagnostic bronchoscope and fiberoptic bronchoscope
- Percutaneous tracheostomy: total 5 patients
- 16 Multipara Monitors & 1 USG & 2D Echo Machine for Critically ill patients.
- 1ECG machine and 2 Defibrillator procured for patient care.

IDSP OPD patients:

- New- 1768
- Old- 813

Rheumatology OPD patients:

- New -2172
- Old -8008

Hypertension OPD patients:

- New- 637
- Old- 5535

Geriatric OPD patients:

- New- 1003
- Old -1204
- Fever OPD patients (new) - 13412

IPD patients as per unit:

- Dr. ARP Unit IPD Patients - 2231
- Dr. MYN Unit IPD patients - 2402
- Dr. NDK Unit IPD patients - 3879
- Dr. AKS Unit IPD patients - 3766
- Dr. AGR Unit IPD patients - 4437
- Dr. RNS Unit IPD patients - 3925
- Dr. SBS Unit IPD patients - 3840

General OPD:

- New patients - 13467
- Old patients- 23348

HIV OPD patients:

- New- 407
- Old -664

Rheumatic OPD patients:

- New -2172
- Old -8008

Hypertension OPD patients:

- New -637
- Old -5535

Head ache OPD patients:

- New- 1040
- Old - 1107

Geriatric OPD patients :

- New -1003
- Old -1204

IDSP OPD patients:

- New-1768
- Old -813

Microbiology

- The annual workload for the different service divisions of the department was as follows:

Section	Workload
Bacteriology including Emergency laboratory	
• Samples processed	57350
• AMST	36172
• Vitek rapid ID and ABS	256
Total	93812
Virology	
• Serological tests (HIV,HBV,HCV, RPR)	106667
• CD4 count	16271
• Viral Load	815
Total	122938

Section	Workload
Serology including Emergency laboratory	
• Leptospirosis	30979
• Dengue	55071
• Widal	3167
• Others	4521
Total	93738
Mycobacteriology	
• Microscopy	25640
• GeneXpert	4010
• Culture	683
Total	30333
Mycology	3220
Parasitology	
• Stool examination	7805
• Malaria Antigen Test- including Emergency laboratory	24053
Total	31858

Neonatology

Neonatal Intensive Care Unit: 42 bedded

Patient care areas	Type of Services	Number of beds
Inborn Unit	Inborn aseptic neonatal care area	13
Inborn - Outborn Unit	Inborn septic & out born neonatal care area	12
Transitional Care Unit	Intermediate care area	12
Ventilation Unit	Advanced ventilatory care area	05

- **Kangaroo Mother Care Center:** The department is selected as the center of excellence in India for initiating Kangaroo Mother Care for Low Birth Weight babies. **Kangaroo Mother Care Center is the first & the only of its kind in the country.** Neonates, recipients of KMC, are regularly followed up here for growth, nutritional status, neuromotor, neuro developmental & neurosensory assessment & early intervention therapy is instituted whenever required.

Quantum of patient care: (Up to November 2016):

Total number of babies born	6077
Total number of LBW babies	2144
Total number of NICU admissions	1350
Total number of KMC recipients	574

New Services:

- Hearing screening assessment in NICU graduates
- Administration of BCG, OPV and Hepatitis B vaccine in labour room
- Initiation of Bailey Scale of Infant Development (BSID) III for neurodevelopment assessment of NICU graduates during follow up

Human Milk Bank:

- Human milk bank is an institution established for the purpose of collecting, screening, processing, storing and distributing donated human milk that is dispensed to recipients who are not the biological offspring of the donor mother

Nephrology

- Department of Nephrology runs indoor services as well as outdoor services, dialysis and transplant etc.
- Department has done 22 live related donor transplant and 2 deceased donor transplant
- 1 year graft survival matching international standards of more than 95%.
- Establishment of “Dr. V. N. Acharya Division of “Interventional Nephrology.”
 - o Unit has started delivering services like percutaneous placement of CAPD catheters, placement of cuffed haemodialysis catheters and kidney biopsies.
- Successful performance of “Swap Kidney transplant” i.e. paired kidney exchange. This is the first incidence of such transplant at public hospital.

- Only center to perform 24x7/365 days emergency haemodialysis provides services to HIV/HbsAg/HCV positive patients. Total number of dialysis performed in last year- 7913.
- 22 Live donor Kidney transplant and 2 Deceased donor kidney transplant. Total number of kidney transplants crossed the figure of 700.
- Established following specialized clinics
 1. Haemodialysis Clinic
 2. Lupus Nephritis Clinic
 3. CAPD Clinic
 4. Pre-dialysis CKD Clinic

Total No of OPD patients	Old –15929; New – 2852
Indoor patients	1661
Referred patients	11791
Kidney biopsies	127
Haemodialysis performed	7913
Kidney transplants	24

- Test done in A.K.D. Lab From Jan.2016 to Nov. 2016

Complete Blood Count	16749
Urine Routine & Microscopic	15236
24 hrs. urinary protein	8646
Urine Creatinine	821
Urine Culture	3817
Sensitivity Extended	1000
Misc. Culture	20
Sensitivity	01
Blood Culture	168
Sensitivity extended	25
Australia Antigen (Elisa)	
HbsAg	1040
HCV	1040
Urine Osmolality	610
Serum Osmolality	592
Urine PH	104
Stool routine	40

- Biochemistry from Jan. 2016 to Nov. 2016

BUN	17100
Creat	17600
Total protein	7650
SGOT/AST	12344
SGPT/ALT	12609
Na+/Sodium	20267
K+/Potassium	20267
C1 - / Chloride	20267
Phosphorous	14638
Alkaline phosphatase	11180
Uric Acid	13114
Glucose	10213
Bilirubin Total	2415
Direct	2415
Albumin	15548
Calcium	15714

Neurology

- Routine cases for EEG -716
- Ictal EEG patients -388
- Electromyography & Nerves Conduction study patients- 380
- Patients for epilepsy Surgery- 58
- Thrombolysed patients for stroke -35.
- Neuropsychology -150 Patients for Epilepsy Surgery Evaluations (Pre-op & post-up)
- Patients for Disability certification -10
- Patients for Long term Neuropsychological Rehabilitation - 04
- Epilepsy surgery OPD for New and follow-up of patients who undergo pre-surgical work-up.
 - o Pediatric Epilepsy New- 171 patients in the year
 - o Pediatric Epilepsy Old - 1,297 patients in the year
 - o Epilepsy New- 1,968 patients in the year
 - o Epilepsy Old -13,894 patients in the year

New facilities Provided:

- Thrombolysis treatment for acute stroke available.
- Diagnostic digital Substraction Brain angiography with facility of Acute Stroke. Thrombectomy and Carotid, basilar stenting and aneurysm coiling.
- Acute Stroke Thrombolysis available.

Neurosurgery

- Approximately 2000 operations were done by the departmental staff. Of these there are 450 operations done for head trauma in the general surgery operation theatre by the neurosurgical staff. 1500 surgeries were performed in the neurosurgery operation theatre.
- Developed and streamlined the technique of “micro myelotomies” for intramedullary tumours
- Developed techniques for radical excision of Craniopharyngioma
- Cranio cervical stabilization and techniques for developmental anomalies of the C V junction
- Successful Bypass procedure for Giant MCA aneurysm
- Video EEG and neuropsychological assessment is available for evaluation of epilepsy patients.
- Brainlab Neuronavigation system installed for image guided cranial and spinal surgeries.
- Digital subtraction angiograms and endovascular neurointerventional procedures are being performed. Carotid stenting, coiling of aneurysms and treatment of cranial and spinal arteriovenous malformations is being routinely done.
- Awake craniotomies and intra-operative monitoring techniques are now available and being performed.

Nuclear Medicine

- About 34 patients with cancer thyroid were treated.

The list of Nuclear Medicine investigations done:

Sr No	Investigation	Comments
1.	Tc-99m Thyroid scan	For diagnosis of thyrotoxicosis / thyroiditis and nodule evaluation
2.	I-131 Thyroid uptake	For detecting functioning of thyroid gland or metastases
3.	I-131 Whole body scan	For detecting metastases and residual thyroid in cancer thyroid
4.	Tc-99m DTPA/EC scan	For detecting renal function and excretion
5.	Tc-99m DMSA scan	For detection of scarring
6.	Tc-99m HIDA scan	For assessment of biliary function
7.	Tc-99m MDP bone scan	For evaluation of osseous pathologies
8.	Tc-99m ECD brain SPECT	For cerebral perfusion
9.	Tc-99m TroDAT scan	For parkinsons disease
10.	Tc-99m lymphoscintigraphy	For assessing lymphatic oedema
11.	Tc-99m MAA lung perfusion scan	For pulmonary perfusion
12.	Stress thallium	For ischemia detection of myocardium
13.	Cardiac viability	For assessment of myocardial viability

Sr No	Investigation	Comments
14.	Brain PET	For studying glucose metabolism in brain in dementia, epilepsy and neuro-psychiatric conditions
15.	PET/CT whole body	For oncology, infections, rheumatology conditions
16.	Ga infection imaging	For infection imaging
17.	Salivary scan	For salivary gland function
18.	Therapies in ward 44: 1. Radioactive iodine for thyrotoxicosis and cancer thyroid, 2. Radiation synovectomy 3. I-131 MIBG therapy for neuroendocrine therapy	

Nursing

- Nursing services were provided during disaster periods like floods, epidemics and also participated in various community camps.

Obstetrics and Gynecology

- Total No. of confinements- 6099
- Total major surgeries (Obstetric OT)- 2254
- Total minor surgeries (Obstetric OT)- 3634
- Total surgeries (Gyn OT)- 824

Occupational Therapy

The workload of patients at various clinics managed by the department is as follows

Workload	Outpatient Dept	In Patient Care
Patients	27370	20585
visits	136844	184658

Ophthalmology

- A total of 1711 major and minor surgeries were performed including Dacrocystorhinostomy, keratoplasty, vitrectomy, simple limbal epithelial transplants, Intravitreal injections, pterygium excision with conjunctival limbal autograft.

Orthopedics

- Facilities of treating fresh and neglected musculoskeletal trauma in all age group.
- Treatment given for congenital, inflammatory, infective, neoplastic and degenerative pathologies affecting musculoskeletal system.
- Staff members participated in local and regional social services camps.

Services Offered:

- Complex traumatology
- Spine surgery
- Arthroplasty
- Arthroscopy & Sports Medicine
- Ilizarov & limb deformity correction
- Paediatric Orthopaedics
- Orthopaedic Oncology
- Shoulder & Elbow subspecialty services

Pathology

- CVTC Laboratory 116:**

PM specimens received	255
PM Blocks Made	2782
PM slides stained	3407

Surgical specimen received	380	
Surgical block made	600	
Surgical slides stained	1700	
Cytology specimen received	760	
Cytology slides stained	2700	
Special stains	1437	
Total slide stain	9244	
Total specimen received	1395	
Total slide stained	9244	
Total block made	3382	
• CVTC Laboratory 315:		
Blood Collections	28,386	
Hemograms	20,596	
Prothrombin time	35,894	
BT-CT	92	
Routine Urine Examination	3170	
Routine body Fluid Examination	156	
Serum Cholesterol	24,065	
Serum Triglycerides	24,065	
HDL	6892	
LDL	6892	
VLDL	4160	
Serum Amylase	850	
CPK	1444	
CPK- MB	1444	
LDH	2495	
• CVTC Immunology Lab 316:		
Test		Samples
CRP		7826
C3		2307
C4		2185
RA factor		1295
ACLA – IgG		66
ACLA IgM		66
Immunoglobulin E		141
Cryoglobins		14
Bronchalveolar lavage cytology		35
• Cytology :		
FNAC non guided		2650
FNAC USG guided		1830
No. of slides generated from FNAC		24500
PAP staining		11960
Giemsa staining		12850
Fluid samples for cytology		450
ICC done for cyto slides		25
Cell blocks prepared		21
• O. C Laboratory:		
Hemograms		11850
Biochemistry		5466
PCV		2585
MP		190
BT/CT		06

- **EMS laboratory:**

Hemograms	11, 3185
Smears for malarial parasites	81,852
Arterial Blood Gas	33,244
CSF	505
PT/INR	26431
 - **Surgical Pathology (library bldg 2nd floor):**

No. of specimen	8900
No. of blocks	47660
No. of slides prepared	1645702
No. of special stains	19291
No. of frozen section	909
No. of kidney biopsies	275
No. of Liver Biopsy	225
 - **Clinical Pathology and Hematology (MSB 6th floor):**

Hemograms	3, 11,988
Malarial parasites	6680
Optimal / QDX (Malarial antigen test)	4845
Platelet count	73,510
Special investigations (RBC, Sickling test, LE cell, Reticulocyte count, buffy coat, Microfilaria, ESR)	10349
Special stains for leukemia	388
Bone marrow biopsies, Bone marrow Aspirate & Imprint	177
Urine examination	1, 01, 376
Fluid samples for microscopy	6,262
 - **Neuropathology :**
 - o Clinical Pathology

No. of Hemograms	837
No. of CSF examined	1233
 - o Biochemistry

No. of Ascitic/Pleural	2694
Proteins urine porphyrin	1233
 - o Histopathology

No. of tissues received	993
No. of blocks prepared	2545
No. of slides prepared	7635
No. of tissue for cryo/squash	43/273
No. of CSF cyto/ Cryptococcus	535
 - o Autopsy

No. of brains received	87
No. of blocks prepared	2665
No. of slides prepared	2487
- OPD 008 Outpatient Department Laboratory - Clinical & Haematological Services:**
- | | |
|------------------------------|-----------|
| Blood collections: | 2, 25,001 |
| Hemograms: | 84,062 |
| Coagulation profile (BT/CT): | 854 |
| Routine urine examination: | 26,630 |
| Malarial Parasites | 816 |
| Platelet count | 2702 |
- o Autopsy Section:

Total No. Autopsies Performed: 1250 + 240 (medicolegal + clinical) = 1490	
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Pediatric Surgery

- Completed 22 cases of 3-D laparoscopy till date.
- Department has procured upper esophageal balloon dilator and started esophageal balloon dilatation in Pediatric patients .
- Total admissions – 1408
- Total no of Surgeries – 893
- Major surgeries – 374
- Minimal access surgeries – 208
- Minor surgeries – 317

Pediatrics

Table: Annual Patient Quantum in Various Clinical Services in Department of Pediatrics

Patient Services	2015 (till 15 th November)	2016 (till 15 th November 2016)
General Pediatric OPD	27897	28245
Indoor Admissions	5166	4942
EMS Attendance	29302	28332
PICU Admissions	561	526
Under Five Clinic	5283	4880
Pediatric Rheumatology Clinic	160	98
Pediatric Nephrology Clinic	442	240
Pediatric Chest Clinic	632 (107)	691 (138)
Genetic Clinic	737 (348)	782 (480)
School Clinic	742	1108
Thalassemia day care centre admissions	1766	1776
Pediatric Epilepsy Clinic	1702 (221)	1603 (187)
Learning Disabilities Clinic	669 (544*)	575 (486*)

Pharmacology and Therapeutics

- A total of 2306 patients were registered at the Ayurveda Research Centre of Department of Pharmacology and Therapeutics which runs an OPD on Friday afternoon.
- Total number of indoor admission in Ayurveda Ward for Panchkarma and other Therapeutic procedures - 913.
- Monitoring for Quality of Ayurvedic Formulations:
 - o About 53 Ayurvedic formulations were analyzed for synthetic steroids and of these 18 were found to contain synthetic steroids.
 - o Twenty four samples were received for detection of heavy metals and of these 09 were found to contain heavy metals.
- Advice was provided to the Octroi department of MCGM regarding plant drug containing formulations with justification.

Physiology

- Students are trained for better quality patient care

Physiotherapy

- Total number of outdoor patients – 140,000
- Total number of indoor patients -190,000
- Daily average of patients in the OPD - 600
- Daily average of PT Indoor attendance – 750

New Services :

- Rehabilitation in spine conditions
- Rehabilitation in Brachial Plexus injury

New Facilities:

- Core strengthening for obese women
- Rehabilitation program for GBS patients

- Scapular control training for shoulder joint dysfunctions.
- Proximal Stability Control in Knee Osteoarthritis

Plastic Surgery

Year	2016 (upto Nov)
Indoor patients - Plastic surgery	1019
Indoor patients - Burns	117
O.P.D. Patients	8940
Casualty Reference	1167
Routine operations	1583
Emergency operations	2452
TOTAL OPERATIONS	4035
Referrals from other departments	1936

Special Clinics

- Maxillofacial clinic [Mondays, 1430, ward 16, a collaborative effort of Plastic Surgery and Maxillofacial Surgeons]
- Hand Clinic [every Thursday 1330-1530, a collaborative effort of Plastic Surgery, Occupational Therapy and Physiotherapy]

Psychiatry

- New patients seen in OPD were - 6095
- Follow up patients examined (approximately – 44350)
- Indoor Admission: Dr. SRP Unit – Females – 107, Male – 327
Dr. ASN Unit – Females – 55, Male - 129
- Total no of indoor patients admission - 618
- Total patients for EEGs - 883
- Total patients for ECTs - 941
- Psychological testing
Total no. of patients - 685
- Deaddiction Centre
OPD New cases – 1235
Follow up cases - 6815
Indoor Admissions – 89

Drug De addiction Laboratory Work Report (Jan 2016 to Dec 2016) :

- A total of 12,257 Urine Samples were assessed for alcohol, morphine, cannabis, benzodiazepines, MDMA, cocaine, amphetamine and miscellaneous samples

Specialist Services:

Group Therapy Services

The disorders and the number of patients counseled in these services are as follows:

- Suicide groups: - 126
- Sexual dysfunctions group: - 191
- Dementia group/ Memory Clinic - 108
- Caregivers of Patients with Schizophrenia group – 679

Specialized Clinics:

- Child guidance clinic for children with psychiatric disorders
New cases - 441
Follow up - 1595
- Geriatric clinic for old age patients – 225

New services:

- YOGA therapy once a week

Radiology

- The department examines over 1,60,000 patients each year. All forms of diagnostic and interventional radiological procedures are done.

Social services

- Counselling, donations & rehabilitation of patients. Total no. of patients counselled by CDO's – 20,495 (Twenty thousand four hundred and ninety five).
- In collaboration with NGO Nareindas Morabai Budhrani Trust counselling services by trained Psychologists
- Financial support for Haematology & Chemotherapy patients and Breast OPD patients.

Surgery (General Surgery)

- Specialized services like Laparoscopic Surgeries being provided by the department
- Burns – All female burns patients are taken transfer by plastic surgery department on priority basis while male burns patients are treated by the department of general surgery
- Special diagnostic facilities like Upper GI scopy provided by the department
- Specialty clinics like Breast Clinic being run by the department
- Round the clock emergency surgical services are provided 24/7 by the department of surgery giving women service to all needy patients
- Around 3000 emergency and an equal number of elective surgeries are performed annually.

Surgical Gastroenterology

- Twice a week Outpatient Services for GI Surgery cases and once a week for Liver Transplant cases.
- Three cadaveric liver Transplantations were performed.
- Special Liver Transplant OPD started on every Monday afternoon.

Patient attendance at the special Liver Transplant OPD

MONTH	OPD New	OPD OLD	INDOOR ADMISSIONS	OPERATED
Jan	115	210	75	52
Feb	91	217	73	46
March	84	194	70	45
April	97	196	62	37
May	100	180	64	41
June	108	243	76	57
July	106	204	83	59
Aug	117	223	71	55
Sept	73	176	80	52
Oct	81	270	65	45

SPECTRUM OF SURGERY:

NAME OF SURGERY	NOS
Esophagectomy for Ca Esophagus	3
Esophago-coloplasty for Corrosive stricture	0
Cervical Esophagostomy with Dilatation for Corrosive stricture	6
Esophageal dilatation	28
Radical Gastrectomy for Ca Stomach	11
Gastrojejunostomy for Palliation in Ca Stomach	5
Feeding Jejunostomy for CaStomach	12
Whipples Surgery for Ca Pancreas	18
Triple Bypass for Inoperable Ca Pancreas	4
Extended Freys Surgery for Chronic Pancreatitis	19
Cysto Jejunostomy for Pseudo-cyst of Pancreas	2
External drainage of Pseudo-cyst of Pancreas	2
Pancreatic Necrosectomy	5
Hepatic Resection	14

NAME OF SURGERY	NOS
Extended Cholecystectomy for Ca Gall Bladder	7
Open Cholecystectomy	24
Hepatico-Docho-Jejunostomy with Hepp-Counaid technique for Bile duct Injury	33
PSR Shunt surgery for PHT	12
Devascularization Surgery for PHT	5
Open Splenectomy	12
Surgery for GIST	3
Total Proctocolectomy with Ileo-Pouch Anal anastomosis using double stapling technique for Ulcerative Colitis	5
Low Anterior resection using double stapling technique	7
Extended Right Hemicolectomy	7
Haemorrhoidectomy	6
Sigmoid Colectomy	6
Colostomy Closure	1
Small Bowel Surgery	18
Ileostomy Closure	17
Lap Cholecystectomy	100
Lap Splenectomy	18
Lap Total Colectomy	1
Lap Right Colectomy	1
Lap Left Colectomy	0
Lap Nissens Fundoplication for Hiatus Hernia	0
Lap Hellers Cardiomyotomy	3
Lap Appendicectomy	10
Lap Gastrectomy	0
Lap Adrenalectomy	0
Diagnostic Lap	14
Lap Bariatric Surgery	0
TOTAL	439

Transfusion Medicine

- In addition to the routine services like grouping & cross matching of 2 lakh Blood units per year, department provides single Donor Platelets (prepared by platelet pheresis) to patients, particularly to those with haematological disorders, monsoon related illnesses and those undergoing cardiac surgery.
- Total 9655 units of Random Donor Platelets and more than 276 units of Single Donor Platelets (SDP) were issued for the patients.
- The demand of 150-200 blood units per day for patients admitted in our hospital was fulfilled by about 200-220 blood donation camps in a year with over 36000 blood units collected annually.
- The department performed 29 Therapeutic Plasmapheresis which is beneficial for patients of G.B. Syndrome, Polymyositis, Myasthenia Gravis etc.
- About 16 Peripheral Blood Stem Cell aphaeresis have been performed in the Department.

Urology

- Stone Clinic - 210 patients / OPD day
- General Urology - 165 patients / OPD day
- Andrology - 37 patients / OPD day
- Extension of patient services to other sister organization like Shatabdi Hospital, Govandi on Friday for OPD, Wadia Hospital for cadaver retrieval centre recognition and future transplant services and Bandra Baba & Cooper Hospital for cadaver retrieval centres.

Year	O.P.D. ATTENDANCE							INDOOR ADMISSIONS	REFERRALS CALLS	
	Gen.Urology		Stone Clinic		Infertility		Total		Emergency Calls	
	New	Old	New	Old	New	Old			Indoor	Intra op.
2016 (till Nov. 2016)	3116	4634	4164	4162	389	385	16850	1337	2435	13

Diagnostic Workload:

Year	USG	Cystoscopy & Related Procedures	Uroflowmetry	Trust Guided Biopsy	UDS
2016 (till Nov. 2016)	0	--	1355	112	451

Operative Workload :

	2016 (till Nov. 2016)
Open work 60to 70% in operative work	525
Transplant – (LRDT + Cadaver)	22
Endo-urology :	
VIU	73
TURP	129
Endomeatotomy	--
Litholapaxy	--
URS	146
PCN	137
PCNL	236
PCCL	16
U plasty	
TURBT	56
Laparoscopy	91

ESWL: Location	2016 (till Nov. 2016)
Renal Stone	349
Ureteral Stone	76

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Publications

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Psychiatry

- Dr. Rahul Bagal, Dr. Kranti Kadam, Dr.S.R.Parkar. To study the age of recognition of symptoms & their Correlation in children diagnosed with autistic spectrum disorder. A retrospective study. *Journal of Indian Association for child & Adolescent Mental Health*, 2016, 12 (4), 291-308
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- Dr Shubhangi Parkar topic' Tobacco : *Not just biological but also a lot psychological problem?* on Global Initiative of Tobacco Awareness - Brahma Kumaris 2016
- Sawant NS. Are patients satisfied with medical care in public hospital outpatient services? *Indian Journal of Basic and Applied Medical Research* 2016; 5(3): 313-322.
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- Shah U, Desai A, Ravat S, Muzumdar D, Godge Y, Sawant N, Jain M, Jain N. Memory outcomes in mesial temporal lobe epilepsy surgery. *IJS*, 2016; Vol 36(B): 448-453.
- Sawant N, Ravat S, Muzumdar D, Shah U. Is psychiatric assessment essential for better epilepsy surgery outcomes. *IJS*, 2016; Vol 36(B): 460-466.
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- Ravi Shah, Rahul R, Amresh Shrivastava, Leenna Reiss, TSS Rao, S.R.Parkar, Laxman Dutt, Kranti Kadam. Links on Indocandian collaboration for suicide prevention: Training needs assessment for health care professional in India. *Community Mental Health Journal* in July, 2016, Volume 52, issue 5, PP511-518.

Surgery [General Surgery]

International:

- Deshpande A A et al. Vanishing Pancreas (or Autopancreatectomy) Following Extensive Pancreatic Necrosis with Lack of Regeneration. *Journal of Pancreas*. 2016 Jan 08; 17(1):110-111.
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- Roy N, Gerdin M, Ghosh SN, Gupta A, Saha ML, Khajanchi M, et al. The Chennai consensus on in-hospital trauma care for India. *J. Emerg. Trauma. Shock. Medknow Publications*; 2016;9:90.

National:

- Dr. Ram Prajapati, Dr Priyadarshini manay et al. Case Report: Cumminseeds a cause of rectal impaction. *International Journal Of Advanced Resear (IJAR)* . 4(10), 557-560. DOI-URL:<http://dx.doi.org/10.21474/IJAR01/1830>.
- Multiple endocrine neoplasia type 1 syndrome: single centre experience from western India. Goroshi M, Bandgar T, Lila AR, Jadhav SS, Khare S, Shrikhande SV, Uchino S, Dalvi AN, Shah NS. *Fam Cancer*. 2016 Oct;15(4):617-24. doi: 10.1007/s10689-016-9891-7.
- Deshpande A A, Maniar N. A Randomized Controlled Trial of Tissue Adhesive Versus Sutures in the Closure of Port -Site Incisions in Laparoscopic Surgery. *IOSR - Journal of Dental and Medical Sciences*. Aug. 2016;15(8 Ver. V): 66- 70.
- Shah Mansi, Deshpande AA. A study of the rate of wound infection in contaminated and dirty emergency exploratory laparotomies. *IOSR- Journal of Dental and Medical Sciences*. July 2016; 15(7 Ver. XI): 26-32.
- Deshpande AA, Soman S, Thanky H. A Study of Interventions in Acute Pancreatitis at a Tertiary Care Hospital – An Indian Experience. *IOSR- Journal of Dental and Medical Sciences*. July 2016;15(7 Ver. XI):16-20.
- Deshpande AA, Shah Ritesh, et al. Determination of Time Interval between Hospitalization and Establishment of NasoJejunal Feeds in Acute Pancreatitis – A Western Indian Study. *IOSR - Journal of Dental and Medical Sciences*. July 2016; 15(7 Ver. X): 39-42.
- Comparision of efficacy of chlorhexidine alcohol scrub and povidone iodine scrub in hand cleansing in elective clean surgery. Y.P.Taklkar, M.N.Garale, Soundappan, Karthik, Kalyansingh Gothawal. *International Surgery Journal* 2016 Nov ; 3(4)
- A study of different modalities used in the management of amoebic liver abscess. Mahadeo N Garale , Yogesh P Takalkar, Parag R Ingle : *International Surgery Journal* 2016 Nov; 3(4)
- Evaluation of abdominal wall closure technique in emergency laparotomies at a tertiary care hospital. J.A.Gandhi, P.H.Shinde, R.D.Digarse *International Surgery Journal* 2016 Nov; 3(4):1796-1801.
- A modified Surgical approach to sacrococcygeal pilonidal disease our experience. J.A.Gandhi, P.H.Shinde, S.A.Pandrowala R.D.Digarse *International Surgery Journal* 2016 Nov; 3(4):1831-1836.
- Role of Limited caecal resection in patient with acute gangrenous appendicitis. J.A.Gandhi, P.H.Shinde, R.D.Digarse *International Surgery Journal* 2016 Nov; 3(4):1893-1897
- Comparative study of chlorhexidine dressing versus simple gauze dressing in midline laparotomy wound. J.A.Gandhi, P.H.Shinde, A.A.Awasthi, R.D.Digarse, A.P.Kawle. *International Journal of research in Medical Sciences*. 2016. Oct;4(10):4272-4278
- To assess the role of multisite instillation of bupivacaine-xylocaine combination for reducing post-operative pain after elective laparoscopic cholecystectomy J.A.Gandhi, P.H.Shinde, P.D.Patil, S.A.Thakkar, R.D.Digarse, *International Journal of research in Medical Sciences*. 2016. Dec;4(12):5154-5158.

Surgical Gastroenterology

- Management of solid papillary epithelial neoplasm (spen) of pancreas - experience of tertiary care centre ,Sagar Kurunkar, ChetanKantharia, Kishor Jain, SharvariPujari, Ramkrishna Prabhu.*International Journal of Surgical Cases* 2016 July-Sep.
- Duplication of Extrahepatic Bile Duct: A Challenge to Surgeons Sagar Kurunkar, Chetan Kantharia, Mirza Beg Kasim, Sharvar Pujari, Ramkrishna Prabhu. *International Journal of Health Sciences & Research (www.ijhsr.org)* 70 Vol.6; Issue: 9; September 2016.
- Anshu, Supe AN. Evolution of medical education in India- the impact of colonialism. *J Postgrad Med* 2016; 62: 255-69.
- Supe AN. NEET- India's single exam for admission to medical school promises transparency and quality. *B Med J* 2016; 354: i4051.
- Jadhav PP, Kamble R, Kolekar AD, Supe AN. Spinal anesthesia for general laproscopic surgery. *Eur J Biomedical and Pharmaceutical Sciences* 2016; 3: Issue 8.
- Supe AN. Humanities in medicine of a caring and mature physician. *J Education and Technology in health Sciences* May-Aug 2016; 3(2): 31-32.
- Supe AN, Singh T. Re-entry NEET [National Eligibility cum Entrance Test] - opportunities and concerns. *Nat Med J Ind* 2016; 29(3): 153-59.

Transfusion Medicine

- Dr. Jayashree Sharma contributed a chapter Non Infectious Complications of Blood Transfusion for the Text Book on “Laboratory and Clinical Transfusion Medicine” Published by Nova publishers.
- Bhagwat SN, Sharma JH, Patale DS. A rare combination of autoimmune hemolytic anemia and primary antiphospholipid syndrome evolving into systemic lupus erythematosus. *Glob J Transfus Med* [serial online] 2016 [cited 2016 Dec 17]; 1:88-90. Available from :<http://www.gitmonline.com/text.asp?2016/1/2/88/189845>

Urology

- An interesting case of Isolated Renal stab Injury. *International Journal of Anatomy,Radiology and Surgery*. 2016 Jan, Vol 5(1) 54-55.
- “Urinary Tuberculosis with Renal Failure: Challenges in Management.” *Journal of Clinical and Diagnostic Research*. 2016 Jan, Vol-10(1): PC01-PC03.
- Metabolic Evaluation in PaediatricUrolithiasis: A 4-Year Open Prospective Study. *JClinDiagn Res*. 2016 Feb; 10(2): PC04–PC06.
- Urodynamic profile in patients with Bladder outflow obstruction: Predicting outcomes. *Asian Pac. J. Health Sci.*, 2016; 3(1):96-98.
- Surgical Management of Ectopic Kidney with Bilateral Iliac Vein Invasion. *Journal of Clinical and Diagnostic Research*. 2016 Mar, Vol-10(3): PH01-PH02

Accepted for publication:

- “Demographic profile of cadaveric donors in Mumbai since 1997” *Journal of Post-Graduate Medicine_674_15*.
- “Zoon’s balanitis treated with topical Tacrolimus”. *Urology Annals_10_16*
- “Efficacy of Medical Expulsive Therapy in Renal Calculi less than or equal to 5 millimetres in size”. *Urology journal 3461*.
- “Priapism in Hematological disorders: our experience in 11 cases. *Minerva Urol Nefrol-2766*.
- Complex re-operative urethral stricture repair with composite buccal mucosa and preputial skin grafting with gracilis interposition. *International Braz J Urol*. IBJU-2016-0432.

Research

Research

Anatomy

Ongoing research projects:

- A Morphometric Study of Dry Human Tibia by Dr. Juned Labbai under the guidance of Dr.K. Shyamkishore
- A Study of Anatomy of Median Nerve in Cadavers by Dr. Pampi Ranjan under the guidance of Dr. P.S. Bhuiyan
- A Study of Gross Anatomy and Computed Tomographic Angiogram of Renal Arteries by Dr. Parvez Chowki under the guidance of Dr. Rashmi Patil.

Completed research project:

- A Morphometric Study of Dry Human Sacra by Dr. Sarika Dakare under the guidance of Dr. P.S. Bhuiyan

Anesthesia

Ongoing research projects:

- Prospective, randomised, controlled comparison study between ultrasound guided techniques with conventional landmark technique for internal jugular vein cannulation.”
- “A prospective randomised controlled study to compare efficacy of ultrasound guided rectus sheath block and epidural for postoperative analgesia in patients with anterior abdominal wall surgeries.”
- “Prospective analysis of intra-operative critical incidents relevant to neuroanesthesia in a teaching hospital.”
- “Anatomic features of the neck as predictive markers of difficult direct laryngoscopy in men and women: a prospective study.”
- “Prospective randomized study to compare the endotracheal cuff pressure in just seal vs stethoscope guided vs pressure volume loop closure method as an indicator of adequate endotracheal tube cuff inflation.”
- “Analysis of reliability of the american society of anaesthesiologists (asa) physical status scale in anaesthesia practice.”
- “Analytical study to evaluate the impact of bun hair style on head and neck extension in supine position with a head ring in place as required for laryngoscopy and intubation.”
- “A study of deep tracheal extubation and recovery characteristics in children anaesthetized with desflurane.”
- “Comparison between changes in endotracheal tube cuff pressure during laparoscopic surgery and open laparotomy.”
- “Study of fentanyl as adjuvant for spinal anaesthesia in male patients undergoing urologic surgery.”
- “Pre-emptive analgesic effect of intravenous paracetamol in patients undergoing craniotomy.”
- “Anaesthesia management of renal transplantation : a retrospective analysis.”
- “Comparision of bougie guided insertion technique of proseal laryngeal mask airway with digital technique in adults undergoing general surgery.”
- “Premedication with iv clonidine v/s iv labetalol for hemodynamic stability during airway instrumentation in laparoscopic cholecystectomy.”
- “Study to compare the ease and safety of styletview video stylet for tracheal intubation with and without laryngoscopy.”
- “Effect of lignocaine volume and concentration on preventing incidence and severity of propofol injection pain in adults.”
- “A comparative study of efficacy of propofol auto co induction versus midazolam propofol co induction using priming principle.”
- “Comparison of the effects of dexmedetomidine versus propofol infusion on perioperative haemodynamic changes and recovery in patients undergoing laparoscopic surgeries.”
- “Prospective randomised control study of comparison between suction catheter guided and introducer tool guided insertion of proseal lma in children.”
- “Prospective randomized interventional study comparing safety and efficacy of clear fluids untills 3 hours before surgery compared to 6 hours of starvation before minor surgical procedures.”
- “Hemodynamic and etco2 changes after tourniquet deflation in orthopaedic surgeries.”
- “Accuracy of ECG guided placement of CVC catheters in children”
- “Predictors of difficult subarachnoid puncture in pregnant patients”.
- “A study of patient satisfaction after anesthesia in tertiary care hospital “
- “Study to compare the ease and safety of StyletView video stylet for tracheal intubation with and without laryngoscopy”

- “A prospective randomized study to compare the ease of tracheal intubation using Truview, Airtraq and Macintosh laryngoscopic blades in patients undergoing ENT surgeries.”
- “Comparative analysis of efficacy of dexmedetomidine and lignocaine in attenuation of hemodynamic pressor response to laryngoscopy and intubation”.
- “Prospective analysis of critical incidents during anaesthetic management of airway surgeries” - Shamala Yashod, Shrikanta Oak, Syed Farhan Sultan, Indrani Hemantkumar, Anita Shetty
- “Effect of lignocaine volume and concentration on preventing incidence & severity of propofol injection pain” in adults”
- “Assessment of communication skills during preoperative visit and informed consent administration by anaesthesiology residents.” Investigators: Sweta Salgaonkar, Arti Kulkarni, Sunil chapane.
- “Deep tracheal extubation & recovery characteristics in children anesthetised with desfluran”
- “Comparision between changes in endotracheal cuff pressure during laparoscopic surgery & open laparotomy”.
- “To study Renoprotective effect of Levosamendan in off pump CABG using plasma NGAL as a early Renal Biomarker “

Completed research project:

- A procedure specific postoperative pain management recommendation based prospective randomised observatinal phase IV study to evaluate local anesthesia infiltration in patients undergoing laparoscopic cholecystectomy.
- A study of comparison of efficacy and cost effectiveness of 2% glutaraldehyde and 0.55% ortho-phthalaldehyde for disinfection of laryngoscope blades.
- Critical incidents in paediatric anaesthesia-a prospective analysis over one year.
- Comparison of Miller and Oxiport miller blades for laryngoscopy in neonates and infants.
- A randomized prospective controlled trial comparing different sizes Airtraq optical laryngoscope in paediatric patients.
- A randomized prospective controlled trial comparing pediatric Airtraq optical laryngoscope versus conventional laryngoscopy.
- Audit of use of supraglottic airway devices in paediatric OT.
- Comparison of recovery characteristics and agent consumption- “Sevoflurane v/s Desflurane anaesthesia in short paediatric surgical procedures, a randomised controlled study.”

Biochemistry and Clinical Nutrition

Ongoing Projects:

- Biochemical parameters in HIV-TB coinfection
- Characterization and assessment of anti-cancer activity of Indian honey
- Predictive values of biochemical markers in cardiovascular disorders and renal diseases
- Role of cardiac and inflammatory markers and their inter-relationships in cardiac disorders
- Validation of a point-of-care testing device and biochemical-hematological evaluations in renal diseases.

Cardiology

Ongoing Projects:

- “A Randomized, Double – Blind, Placebo-Controlled, Parallel- Group Study to Evaluate the Effect of SAR236553/ REGN727 on the occurrence of Cardiovascular Events in Patients Who Have Recently Experienced an Acute Coronary Syndrome. (EC/PHARMA-21/2013)
- “A Phase III, International, Multi-Centre, Randomized, Double-Blind, Placebo-Controlled, Event Driven Study to Compare the Time to First Clinical Worsening in Subjects with Pulmonary Arterial Hypertension Receiving UT-15C in Combination with a PDE5-1 or ERA Compared with a PDE5-1 or ERA Alone”.(EC/PHARMA-25/2012)
- “Open label extension studies of UT – 15C in subjects with pulmonary arterial hypertension- A long term follow up to protocol TDE-PH-310.”(EC/PHARMA-26/2012)
- “A multicenter study to evaluate safety and tolerability in patients with chronic heart failure and reduced ejection fraction from PARADIGM-HF receiving open label LCZ696” (EC/PHARMA-11/2015)
- “A Randomized, Double-Blind, Parallel Group Study to Evaluate the Efficacy and Safety of Alirocumab (SAR236553/ REGN727) Versus Ezetimibe in Asia in High Cardiovascular Risk Patients with Hypercholesterolemia Not Adequately Controlled With Their Statin Therapy. (EC/PHARMA-08/2016)

Chest Medicine

Ongoing Projects:

- Allergen Testing in Asthma patients.
- Pattern of Drug Resistance among Extra Pulmonary Tuberculosis.
- Study of CD4 cell count in HIV negative patients with Tuberculosis.
- Retrospective study of lung functions in Chlorination plant workers.
- Study of FOT in Bronchial Asthma patients.
- To study the changes in serial lung functions in ILD patients.
- To assess the prevalence of Asthma COPD overlap syndrome in a tertiary care Out Patient Department.
- To study the role of pH in Exhaled Breath Condensate in patients of ILD.
- Antibiotic sensitivity pattern in cases of COPD in exacerbation admitted in chest medicine.
- Comparative study between pleural fluid genexpert, Culture & ADA level in patients with pleural effusion visiting chest medicine OPD.
- Correlation of severity of asthma as per serum IgE levels.
- Yield of genexpert in lymph node TB vs culture.
- Study of efficacy of OMKAR therapy in subjects with persistent mild to moderate bronchial asthma & its effects by Asha Sonowne has been sent to ethics committee for approval.

Completed Projects:

- Study of prevalence of primary multi drug resistance tuberculosis by Genexpert.
- Study of analysis of forced oscillometric technique and its relation to severity of bronchial asthma.
- Study of analysis of pH of exhaled breath condensate and correlation of exhaled breath condensate pH with severity of bronchia asthma.
- Study of Nocturnal Pulse Oxymetry in post-Tuberculous sequelae patients in exacerbation.

Clinical Pharmacology

Academic studies:

- Evaluation of compliance of clinical trial sites and clinical trial investigators with the Quality Council of India guidelines for site and investigator accreditation.
- A comparative study to assess the quality and data completeness in Industry sponsored versus Investigator Initiated Trial.
- An audit of Laboratory Parameters to assess nature and extent of screen failures and to determine the reference ranges for Indian participants presenting at a clinical trial site.
- Determination of laboratory reference intervals in healthy Indian adults at an academic centre.
- Survey of Public knowledge and awareness of clinical research in Mumbai.
- A comparative study of two informed consent processes- Audio Visual (AV) consenting versus written informed consent in a study with rabies monoclonal antibody.
- An audit of consent refusals in clinical research.
- Evaluation of Compliance of published randomized controlled trials with CONSORT statement 2010.
- A Case-Control study to assess the prevalence and association of different Paraoxonase 1 (PON-1) polymorphisms and its activity with Coronary Artery Disease (CAD).
- Assessment of modulation of activity of Paraoxonase-1 (PON-1) by statins in patients requiring statin therapy.
- An observational, prospective drug utilization study of antibacterial agents with special focus on vancomycin, colistin, meropenem, imipenem and piperacillin-tazobactam in patients admitted to the pediatric intensive care unit of tertiary care hospital.
- Pharmacokinetic –Pharmacodynamics relationship of vancomycin in patients with suspected or proven gram positive infection admitted to medicine intensive care unit of tertiary care hospital.
- Pharmacokinetic –Pharmacodynamic relationship of vancomycin in children with suspected proven Gram-positive bacterial infection admitted to pediatric intensive care unit of tertiary care hospital.
- Pharmacoeconomic study for cost effectiveness of genotyping in patients on warfarin therapy with respect to prevention of bleeding episodes.
- Evaluation of prevalence of mutation in Chloroquine and sulphadoxine- pyrimethamine drug resistance associated with genes in *P.vivax* malaria isolate in a tertiary care center in Mumbai by nested- polymerase chain reaction techniques (nPCR).

- Evaluation of the activity of xanthine oxidase activity in normal, healthy adult Indian population by phenotyping.
- Evaluation of the activity of aldehyde oxidase by phenotyping in normal healthy participants.
- A study comparing published protocols and /or trial registry entries with published papers from two high impact factor journals.

Government Sponsored:

- Association of genetic polymorphisms of cytochrome P450 C19, ABCB1, P2Y12 and response to the clopidogrel.
- Geographic variation in the clinical manifestations, treatment and outcome of *P. vivax* malaria in three Indian States.
- CSIR Sponsored Project entitled 'Advanced Drug Delivery Systems'.
- Evaluation of host immune responses and parasite proteome in patients with severe/complicated malaria.
- PCR validation of microscopy results and genomic analyses of host inflammatory genes associated with severe and non-severe malaria.
- Modeling malaria prevalence in Mumbai (in collaboration with IIT Bombay)...

Pharma Sponsored:

- A Phase III, Multicenter, open label, Randomized Study of Bovine Rotavirus Pentavalent Vaccine (BRV-PV) to Evaluate Lot-to-Lot Consistency and to Investigate Potential Interference with Routine UIP Vaccinations in Healthy Infants in India.
- Immunogenicity and Safety of a Single Dose or Two Doses Given 28 Days Apart of a Quadrivalent Influenza Vaccine Administered via the Intramuscular Route in Subjects Aged 6 Months or Older in India.
- Two way, two period cross over single oral dose bioequivalence study of Telma (2x20mg) vs BCP Test G14 (2x20mg) in healthy adult human volunteers.
- Phase I open label dose escalation clinical trial to evaluate the safety, tolerability and immunogenicity of Chikungunya vaccine in healthy adults of 18-50 years of age.

Community Medicine

Ongoing Projects :

- A study to analyse the epidemiological mapping of Dog Bite cases attending ARV OPD of a Tertiary Care Hospital.
- Teaching & Training of need assessment of first year residents with reference to cause of Death Certification 2016.
- "mHEALTH Project" in collaboration with Tata Consultancy Services (TCS).
- Family Health Survey" at Naigaon UHC.
- Baseline assessment of under 5 children and pregnant women registered at Anganwadi Centers at PHC Khadavli (District – Thane)", in collaboration with TATA Motors Ltd.
- House to house survey of 0-5 year old children estimating prevalence of PEM in urban slum area was conducted in collaboration with Yuva NGO (2000 children).
- Profile of leprosy patients attending LRC of NGO in suburban area of metropolitan city.
- Evaluation of immunization coverage among 1-2 year children and acceptance of family planning services by their mothers.
- ABC analysis for administrative decisions at UHC Malvani.
- Determinants influencing health status of elders in sub urban slum of Mumbai, Maharashtra
- Treatment modalities adopted by patients of infectious hepatitis prior to admission in infectious disease hospital.
- Study of morbidity profile, nutritional status of primary school children and health seeking behaviour of their parents in an urban slum.
- Assessment of preparedness for health related SDGs with reference to achievements of MDGs-4,5,6.
- An epidemiological study to assess the determinants and co-relates with reference to terminal contraception, family size and demographic trends.
- A study to assess risk factors for Non- communicable diseases among young adults in an urban area.
- A Cross-sectional study to evaluate malnutrition prevalence in under 5 children and health seeking behaviour of their parents in an urban slum area of a metropolitan city.
- An experimental preventive trial for the assessment of non-pharmacological intervention in the management of hypertension in a tertiary care centre of metro city.
- A cross-sectional study to estimate the prevalence of diabetes it's determinants in tuberculosis cases in a health post of a metropolitan city.
- An Epidemiological Study of the Determinants & Patterns of Complementary Feeding Practices among Children of 6-24 months age group.

- Implication of mentorship approach on glycemic control among type-II diabetes in a tertiary care hospital-A preventive RCT.
- A study to analyse the epidemiological mapping of dog bite cases attending ARV OPD of a tertiary care hospital.
- An epidemiological study of addictive behavior pattern amongst adolescent tobacco users.
- An epidemiological study to assess the morbidity profiles among postmenopausal women in urban slum.
- Assessment of work load of ASHA-A precursor for optimizing their functions.
- A study of prevalence and risk factors for substance abuse among young adult in an urban slum
- A study of epidemiological determinants, health seeking behavior and QOL in physically disabled people coming to PMR centre in metro city.
- The study to access vulnerability profile with reference to stress events in life - An urban community based study.
- An epidemiological study to evaluate morbidity patterns in wood workers with special reference to occupational diseases in an urban slum area.

Completed Projects:

- A cross sectional Epidemiological study of morbidity profile & assessment of Health needs among workers of municipal water treatment plant (March 2016).
- A study to assess epidemiological determinants influencing living conditions, behavioural pattern and health status of street children.
- A study to assess correlation between maternal weight gain and foetal outcome among primigravidae registered in antenatal clinics.
- A cross-sectional study to assess the scope of ergonomic interventions for healthcare workers in primary health centres in Thane district of Maharashtra.
- An epidemiological study to assess and compare the health status and morbidity profile of matriarch women and non-matriarch women in urban field practice area of teaching medical institution.
- An interventional study to assess the effectiveness of a health care service package which includes de-worming, iron supplements and parental education on status of anaemia among primary school children.
- A cross-sectional study to assess consumer behaviour towards health insurance in a metropolitan city.
- A study to assess epidemiology of obesity and associated morbidity in women of reproductive age group in field practice area of tertiary care hospital.
- Epidemiology of physical domestic violence against school-going children and its association with their academic performance and behaviour patterns at school.
- A study to assess epidemiological determinants and health-seeking behaviour among children enrolled in learning disability centre at a tertiary care hospital.
- A cross-sectional study to assess the determinants of hypertension in a rural community.
- Assessment of felt needs regarding reproductive health and effect of family life education on the knowledge about reproductive health among adolescent girls in schools located in urban area.
- A cross-sectional for assessment of factors related to acute respiratory infection in pre-school children in an urban slum.
- A study to assess epidemiological determinants influencing living conditions, behavioural pattern and health status of street children.
- A cross-sectional study of health-seeking behaviour and treatment adherence among adolescents living with HIV/AIDS attending ART centers in a metro city.
- Epidemiological study of compliance regarding universal safety precaution among trained staff nurses with special reference to needle stick and sharp injury, in a tertiary care hospital.
- A study to determine factors influencing compliance of sputum positive pulmonary patients on DOTS therapy with reference to sputum conversion rate.
- A cross-sectional study to assess epidemiology of sickle cell disease in tribal population
- An epidemiological study of cataract among geriatric population in rural area.
- An observational study to assess effectiveness of nutritional intervention at NRC in management of SAM children with severe illness.
- Utilization of Tele-medicine services at apex hospital in Maharashtra.

Dentistry

Ongoing Projects:

- A cross sectional study to determine the prevalence of dental caries and its relationship to oral hygiene knowledge and practices of 8-12 year old children.
- Part of the advisory committee on a joint research with Bombay Veterinary College, Parel, Mumbai on comparative morphological studies of dentition in domestic animals.

Completed Projects:

- A cross-sectional, observational study conducted to assess the propensity of pregnant females to avoid dental treatment during pregnancy.
- A cross-sectional study conducted to assess the prosthetic status and prosthetic needs in the geriatric population.

Dermatology

Ongoing Projects:

- A single descriptive observational cross sectional study of the histopathological spectrum of leprosy & its clinical correlation in a tertiary care centre
- A single descriptive observational cross sectional study of cutaneous manifestation of Systemic Lupus Erythematosus in a tertiary care centre.
- A descriptive observational cross-sectional study of cutaneous manifestation of Liver diseases.
- A single centre cross sectional observational study of clinical & dermoscopic features of alopecia areata in a tertiary care centre

Completed Projects:

- A descriptive observational study of epidemiology, clinical features and etiology of erythroderma in a tertiary hospital.
- A descriptive observational cross sectional study on clinical & Dermoscopic features of benign melanocytic neoplasms.

Endocrinology

Ongoing Academic Studies:

- Genotype-Phenotype Correlation in Indian Patients with Pheochromocytoma/ Paraganglioma.
- Symptomatic Paraganglioma: Single Centre Experience.
- Phenotype and Genotype correlation of growth hormone deficiency.
- Phenotype and Genotype correlation of patients with GHD having pit1 mutation.
- Comparison between a low dose maintenance treatment with antithyroid drugs vs Standard protocol in patients with Graves' disease.
- To study the cardiac valvulopathy due to cabergoline treatment in patients with Prolactinoma.
- Retrospective analysis of macroprolactinoma.
- Phenotype & Genotype of Gigantism secondary to Growth hormone producing pituitary Adenoma.
- Retrospective audit of management of patients with Acromegaly.
- An observational study to identify the prevalence of type 2 diabetes mellitus and metabolic syndrome on follow up of women who have had GDM.
- Triple phase CECT in adrenal mass imaging.
- Central precocious puberty: an audit.
- Familial clustering of AITD.
- Recurrence in Cushing Disease.
- Genotype, Phenotype and Radiological Correlation of Idiopathic Hypogonadotrophic Hypogonadism.
- NGS in hypogonadotrophic hypogonadism.
- Prospective analysis of imaging in adrenal masses.
- Interference of cabergoline with RT in Cushing disease.
- Case series of atypical pituitary masses.
- Short term decline in Prolactin concentrations can predict future prolactin normalization forms shrinkage and time to remission in patients with macroprolactinomas.
- Hormone producing ovarian tumours: single centre experience and review of literature.
- Triple A syndrome: single centre experience and review of literature, a systematic review.
- Genotype phenotype correlation in Von Hippel Lindau syndrome.

- Genotype phenotype correlation in pediatric pheochromocytoma.
- FDG PET in evaluation of pheochromocytoma paraganglioma.
- Genotype phenotype correlation in 5 alpha deficiency.
- Genotype phenotype correlation in XY DSD.

Studies in Collaboration:

- ICMR National Project: To formulate Registry of people with Diabetes with Young Age at the Onset in Western India.
- Study of PON1 gene variants and its association with cardiovascular disease (CVD) risk factors in women with PCOS- Collaboration with NIRRH.
- Efficacy of Stereotactic conformal radiotherapy (SCRT) compared to conventional radiotherapy in minimizing late sequelae in children and young adults with brain tumors (SCRT Trial) - Collaboration with TATA Memorial hospital and Research Centre.
- Changing Diabetes in Children (CDiC): "Type 1 diabetes in economically underprivileged children in India." EC/ Govt/08/11 - Collaboration with NovoNordisk Educational Foundation.
- Genotype – Phenotype correlation of Asian Indian patients with Pheochromocytoma & Paraganglioma (PHEO & PGL) - Collaboration with DST.
- Genotype, Phenotype and Radiological Correlation of Idiopathic Hypogonadotrophic Hypogonadism- Collaboration with DBT.

Pharma Sponsored:

- A Multicenter, International, Randomized, Double-blind, Placebo-controlled, Parallel-group Study to Assess the Efficacy and Safety of AMG 785 Treatment in Postmenopausal Women with Osteoporosis.-EC/PHARMA- 11/2012.

ENT

Ongoing Projects:

- A Study of conventional tonsillectomy and adenoidectomy versus coblation assisted tonsillectomy and adenoidectomy.
- An Observational retrospective cum prospective study of Endoscopic nasal sinus surgery in pediatric age group.
- A study of post traumatic facial nerve palsy.
- Role of Fine Needle Aspiration Cytology and Magnetic Resonance Imaging in differentiating benign and malignant parotid tumors.
- A prospective study for detection of occult metastasis in carcinoma oral cavity.
- Prospective comparative study of Fine needle aspiration cytology and histopathology in thyroid disorders.
- Mastoid obliteration with cartilage versus musculoperiosteal flap: A comparative study
- Challenges in adult tracheostomy procedure
- Analysis of conservative management in cases of laryngotracheal stenosis
- An observational analytical retrospective cum prospective study of cases of cochlear implant in post lingual hearing loss patients.
- Navigation assisted functional endoscopic sinus surgery.

Gastroenterology

Ongoing projects:

- Crohn's disease in India: A multicenter study from a country where intestinal tuberculosis as well as Crohn's disease is endemic.
- Study of Ileocecal lesion- TB Vs Crohns – 1 year follow up..
- Prevalence of hepatopulmonary syndrome in cirrhotic vs budd- chiari syndrome patients in Indian population.
- Lymphopenia as a predictor of poor survival in decompensated liver cirrhosis.
- Comparison of combination therapy of Corticosteroids and Bovine Colostrums versus Corticosteroids and Placebo: Randomize Triple blind Placebo controlled Trial in treatment of Alcoholic Hepatitis 'in Extremis'.
- Long term outcome of patients with primary hepatic venous obstruction treated with anticoagulants alone.
- A study of gonadal function in male Budd Chiari syndrome (BCS) patients before & after appropriate therapy.
- Validation of Nutrient drink test for evaluation of gastric accommodation in functional dyspepsia.
- Anorectal manometric parameters of healthy adult volunteers.
- Hepatic venous outflow tract obstruction (HVOTO) and pregnancy outcome in Indian woman at a tertiary care centre of India –a case control study.

- Reinvestigation of functional dysphagia with Non Esophageal Motility Disorder and normal manometry.
- A comparative study to assess the cardiac function in patients with Budd chiari syndrome and cirrhosis of other causes.
- Diversity of HCV sequence due to differential transmission mode in variable liver pathological conditions.
- Glycosylation of the serum haptoglobin B-A potential biomarker for hepatocellular carcinoma due to hepatitis B virus.
- Study of upper esophageal sphincter manometry in different degrees of neck extension: Completed
- Prevalance of non-celiac gluten sensitivity in functional dyspepsia patients and their response to a gluten-free diet.
- Renal profile in patients of budd chiari syndrome and comparison with patients of cirrhosis long term outcomes of patients with portal biliopathy with significant biliary obstruction with non-surgical management.
- Predictive factors and clinical implication of deep mucosal healing in inflammatory bowel disease.
- Study of small intestinal bacterial overgrowth and intestinal permeability in ncph (non-cirrhotic portal hypertension - awaiting approval.
- Education of primary care physicians at district level hospitals about management of gastrointestinal diseases through telemedicine - awaiting approval.
- A Prospective study to assess the nutritional status of patients with liver cirrhosis caused due to alcoholism at KEM Hospital (Govt. Hospital) - awaiting approval.
- A study of assess nutritional status of confirmed ulcerative colitis patients at KEM Hospital (Govt. Hospital) -awaiting approval.

Sponsored projects:

- A Randomized, Double-Blind Evaluation of the Antiviral Efficacy, Safety, and Tolerability of Tenofovir Disoproxil Fumarate versus Placebo in Pediatric Patients with Chronic Hepatitis B Infection - GS-US-174-0144.
- “A Phase 3b, Multi-center, Randomized, Open-Label, Study to Evaluate the Safety and Efficacy of Sofosbuvir Plus Ribavirin in Treatment-Naïve Adults with Chronic Genotype 1 or 3 Hepatitis C Virus Infection” -GS-US-334-0116.
- “A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Tenofovir Alafenamide (TAF) 25 mg QD versus Tenofovir Disoproxil Fumarate (TDF) 300 mg QD for the Treatment of HBeAg-Negative, Chronic Hepatitis B”- GS-US-320-0108.
- “A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Tenofovir Alafenamide (TAF) 25 mg QD versus Tenofovir Disoproxil Fumarate (TDF) 300 mg QD for the Treatment of HBeAg Positive, Chronic Hepatitis B”- GS-US-320-0110.
- A Randomized, Double Blind, Multicentric, Placebo Controlled, Parallel Group Clinical Trial to Evaluate the Efficacy and Safety of Prucalopride in Patients with Chronic Idiopathic Constipation. Study code: CT/PRUC/CIC/13 -awaiting approval.

Hematology

Ongoing studies in collaboration with Institute of Immunohematology:

- Clinical and laboratory profile of PNH
- Cytogenetic and molecular study of Myelodysplastic syndrome in Indian Population
- Telomerase activity and telomere gene mutations in aplastic anemia.
- Response to bypassing agent therapy in haemophilia patients with inhibitor directly correlates with tissue factor and endothelial cell microparticles.

Ongoing Projects:

- Intraarticular Yttrium Injection in Hemophilia patients with chronic synovitis patients.
- Role of low dose prophylaxis therapy in paediatric haemophilic patients.
- Randomized, open label, multicentre phase IIIb study evaluating the Efficacy and safety of ruxolitinib versus best available therapy in patients with polycythemia vera who are hydroxyurea resistant or intolerant.
- Development of a registry to assess the demography, cytogenetic profile and treatment outcomes of patients with Multiple Myeloma-Multiple Myeloma Registry Program.
- An observational study to determine the adverse drug reaction profile of indoor patients suffering from haematological malignancies in a tertiary care hospital.

Medicine

Ongoing projects:

- Study of clinical utility of inter-arm differences in simultaneous blood pressure measurements in newly diagnosed essential hypertensive subjects.

- Study of the clinical spectrum of leptospirosis, validation of the Modified Faine's criteria as a diagnostic tool and it's testing as a prognostic tool.
- Estimation of the cardiovascular risk in hypertensive patients using WHO/ ISH risk prediction charts in hypertensive patients.
- Study of the clinical utility of ABPM in newly diagnosed hypertensive subjects.
- Twenty four hours blood pressure monitoring in patients of stroke using ABPM machine.
- Ulinastatin in sepsis
- Hydroxychloroquine in diabetes mellitus
- Saroglitazone in HIV lipodystrophy.
- Studies of clinical profile of IC bleed patients.
- Clinical profile of patients with ischemic brain injury
- Study of eye in rheumatic diseases
- Arrhythmias in ACS and their clinical outcomes
- To study sympathetic modulation in patients with Systemic Inflammatory Response Syndrome (SIRS) and its co-relation with mortality.
- Role of NK Cells in Immunopathogenesis of Dengue Virus Infection.
- Study of Initial Clinical presentation and demographic profile of newly diagnosed end stage renal disease patients presenting to a tertiary care centre.
- Study of Acute Kidney injury in obstetric patients admitted in medical wards in a tertiary care referral centre
- Study of Hematological malignancies presenting to general medical ward at a tertiary care hospital
- Study of ALI/ ARDS due to Acute Febrile Illness in Medical Intensive Care unit
- Study of Clinical Profile of patients presenting with Guillain Barre Syndrome in the Medical ICU.
- Study of serial SOFA Score as a predictor of morbidity and mortality in Critically ill Acute Febrile Illness patients
- Study of fasting serum insulin levels in newly diagnosed type 2 Diabetes Mellitus and in patients on different OHA's and its correlation with metabolic profile.
- Study of clinical and etiological spectrum of Hypokalemic paralysis in tertiary care hospital.
- Study of clinical profile, serological and laboratory parameters in cases of SLE newly initiated on Cyclophosphamide therapy with 12 months follow up.
- Cross sectional study to determine prevalence of osteoporosis in SLE with varied disease duration.
- Correlation of vitamin D levels and disease activity in SLE.
- Infections in SLE.
- Clinical profile in patients with hyperuricemia.
- Study of patients with SLE on cyclophosphamide
- To study clinical profile of tubercular meningitis with efficacy of gene expert.
- To study profile of patients of cardiac failure presenting to EMS.
- To study eGFR of HIV positive patients on HAART.
- Randomized controlled trial to evaluate efficacy of carica papaya leaf extract in treatment of thrombocytopenia with chronic liver disease.
- To study about the adolescents living with HIV /AIDS in An urban Mumbai general hospital.
- Study of Helicobacter Pylori infection in hepatic encephalopathy associated with Cirrhosis.
- Study of clinical profile, etiology, and outcome of patients with acute kidney injury in medical intensive care unit in tertiary care hospital in India.
- Study of clinical profile and short term outcome of acute coronary syndrome in young patients.
- Assessment of Patient's Knowledge attitude and Practice regarding pulmonary tuberculosis in a tertiary care hospital.
- Assessment of Knowledge and attitude of Medical Students, doctors and nurses regarding hand hygiene in a tertiary care teaching hospital.
- Clinical profile of patients presenting with complications of diseases prevalent in monsoon season.
- A study of venous-arterial pCO₂ difference as a predictor of outcomes in acute febrile illness in the critically ill.
- Prevalence of vitamin B12 deficiency due to metformin use in type 2 diabetes mellitus patients.

Completed projects:

- Study of the prevalence and clinical characteristics of metabolic syndrome in hypertensive subjects.
- Awareness and knowledge about hypertension among patients attending hypertension clinic. .

Projects in Collaboration:

- Open label, randomized dose escalation phase II study in adult volunteers to evaluate safety and pharmacokinetics of human monoclonal antibodies to rabies in comparison to human immune globulin in conjunction with rabies vaccine- Collaboration with Department of Clinical Pharmacology.
- Early Clinical Exposure – An avenue to prepare UG medical students for clinical practice. Collaboration with Department of Biochemistry.
- Structured program for communication skills leaning to promote good prescribing practices in IIMBBS students. Collaboration with Department of Pharmacology.
- An Experimental Preventive trail for the assessment of non-pharmacological intervention in the management of Hypertension in a tertiary care centre of metropolitan city - Collaboration with Department of Community Medicine.
- Blood pressure response to isometric handgrip test in controlled hypertension - Collaboration with Department of Physiotherapy.
- Assessment of modulation of activity of Paraoxonase-1(PON-1) by statins in patients requiring statin therapy. Collaboration with Department of Clinical Pharmacology.

Microbiology**Ongoing academic projects:**

- Prevalence of intestinal parasites in alcoholics with special reference to *Strongyloides stercoralis*.
- Prevalence of intestinal parasites in pregnant women attending antenatal clinic.
- Prevalence of intestinal parasites in patients with chronic idiopathic urticaria.
- Prevalence of *Malassezia furfur* associated seborrheic dermatitis in HIV positive and negative patients.
- Risk factors and clinical outcome of patients harbouring carbapenem resistant *Enterobacteriaceae* in a tertiary care teaching hospital.
- Performance of LED fluorescent microscopy and Xpert MTB/RIF assay in extra-pulmonary tuberculosis.
- Prevalence of various pathogenic bacteria including *Mycobacterium tuberculosis* in patients with Diabetes Mellitus with Lower respiratory tract infections.
- Evaluation of PreviFlu TB method using LED microscopy for the diagnosis of pulmonary tuberculosis.

Ongoing Sponsored projects:

- Prospective Study for the diagnosis and prevalence of Pediatric Autoimmune Neuropsychiatric disorder Associated with Streptococci (PANDAS) in Mumbai Population.
- Determination of MIC distribution of fosfomycin, biapenem and other antibiotics against gram negative clinical isolates: A prospective study.
- Study of secondary bacterial infections in scabies cases of Mumbai with special reference to Microbiome study.

Completed projects:

- Prevalence of cryptococemia in HIV seropositive patients.
- Prevalence of rifampicin resistance in new and previously treated cases of pulmonary tuberculosis by “Xpert MTB / RIF assay”.

Neonatology**Ongoing projects:**

- Comparison of feeding regimens in preterm neonates with abnormal antenatal Doppler : a randomized controlled trial
- To compare transcutaneous bilirubin with total serum bilirubin in preterm neonates receiving phototherapy
- Use of labour room CPAP in preterm infants – An Indian experience
- Screening of Congenital Heart Disease by pulse oximetry
- Evaluation of CD11b, CD64, CD88, CD282 as early diagnostic markers in detection of neonatal sepsis.
- Innate Immune receptors gene polymorphisms and their role as genetic determinants of infection in neonatal sepsis
- Drug utilization study in NICU of a tertiary care hospital.
- Effects of different methods of pasteurization on bactericidal action of human milk.
- Fluid restriction for term infants with HIE following perinatal asphyxia: a RCT
- Placental findings in singleton still births: a case control study
- Assessment of stress in mothers of babies admitted to Neonatal Intensive Care Unit and the influence of maternal and infant characteristics on the stress levels.

- Umbilical prediction of short arterial blood lactate versus umbilical arterial blood pH and base deficit in term outcomes in preterm neonates with placental insufficiency- A prospective observational study.

Projects in Collaboration:

- Facility Based Newborn Care in collaboration with National Reproductive and Child Health Program of Ministry of Health & Family Welfare, Government of India supported by Norway India Partnership Initiative (NIPI) & UNICEF.
- Evaluation of CD11b, CD64, CD88, CD 282 as early diagnostic markers in detection of neonatal sepsis in collaboration with National Institute of Immunohematology, ICMR, Mumbai.
- Ophthalmic evaluation of normal babies and High Risk NICU graduates in collaboration with KB Haji Bachooali Charitable Ophthalmic and ENT hospital, Mumbai.
- Genetic studies in HIV exposed, infected and uninfected infants in collaboration with Department of Infectious Diseases Biology, National Institute for Research in Reproductive Health (ICMR), Mumbai

Nephrology

Ongoing projects:

- CKD prevalence in Mumbai funded by ICMR.
- Clinical profile, antibiotic susceptibility and treatment outcome in Urinary Tract Infection due to (ESBL) Extended spectrum Beta Lactamase producing bacteria. Mrs. Geetanjali Thakur.

Completed projects:

- Darbepoetin clinical Trial : CDP/02/07 A randomized, open label, multicenter study to evaluate the efficacy and safety of Darbepoetin as compared to Erythropoietin in patients with anemia of chronic kidney disease (CKD).
- Pattern of glomerular diseases at a tertiary care Centre.
- Nutrient intake and nutritional evaluation in various stages of CKD.
- AKI in cancer patients.
- Clinical profile and outcome in Membranous nephropathy.

Neurology

Ongoing projects:

- An open- label, multicenter, follow-up trial to evaluate the long term safety and efficacy of brivaracetam used as adjunctive treatment at a flexible dose up to a maximum of 100 mg/day in subjects aged 16 years or older suffering from epilepsy. BRIVARACETAM (PH 40/2005)
- An open label, multicentre, follow-up study to evaluate the long-term safety and efficacy of Brivaracetam used as adjunctive treatment in subjects 16 years or older with partial onset seizures. UCB PRA (PH-8/11)

Neurosurgery

Ongoing project:

- Quantitative assessment of exposure provided by lateral skull base approaches versus endoscopic approaches - in collaboration with DJST, KEM Hospital.
- Scientific evaluation of series of patients undergoing the surgical management of complex neurosurgical tumors and lesions.
- The Cadaveric bone graft study.
- Study on the distraction and posterior fusion in bony and soft tissue CV junction anomalies.

Nuclear Medicine

Ongoing projects:

- Validation of Nutrient drink test for evaluation of gastric accommodation in functional dyspepsia- Collaboration with Gastroenterology department
- Role of RBC scan for detection of bleeding in hemophilic arthropathy - Collaboration with Department of Occupational Therapy.
- Comparison of EC and DMSA for detection of scarring and differential cortical function in collaboration with Department of Pediatric Surgery
- Role of myocardial perfusion imaging in detection of ischemic versus non-ischemic cardiomyopathy

Obstetrics and Gynecology

Ongoing academic studies:

- Critical evaluation of existing classifications with a new system of classification of congenital malformations of the female genital tract.
- Evaluation of viscera sliding test for predicting anterior abdominal wall adhesions in patients with previous abdominal surgeries or conditions that cause intraperitoneal adhesions.
- Role intraoperative myomectomy to facilitate hysterectomy.
- Comparison of paperless partogram with WHO partogram.
- Evaluation of Epidemiology, Pathology and Repair of Defects in Pelvic Floor.
- Critical Analysis of Algorithmic Approach in Evaluation of Chronic Pelvic Pain.
- A prospective study of the influence of parity on amniotic fluid index and Doppler indices and perinatal outcome.
- Serum lipid profile in early second trimester as a predictor of pre eclampsia.
- Maternal and Fetal Outcome in Pregnancy Complicated by Abruptio Placentae.
- Study of fetal 2D echo in diabetic mothers.
- Prospective study of acceptability, safety and demographic profile of post placental intrauterine contraceptive device.
- An Observational Prospective Study on Clinical Outcome of Ectopic Pregnancy.
- An observational study to determine accuracy of various methods used to assign gestational age and correlate with outcome.
- Maternal outcome of caesarean section with or without evenleation of uterus
- Effect of duration of pre - operative admission on surgical site infection in major abdominal surges an observational study.
- Study of prevalence and causes of infertility in patients attending infertility clinic in a tertiary care center.
- Comparison of Obstetric Outcomes with use of two Different Standard Doses of Oxytocin for Induction of Labour.
- To Study the Prevalance and Assessment of Risk Factors of Stress Urinary Incontinence in Gynaecology Out Patients in Tertiary Care Centre.
- Prospective study of congenital malformations and their outcome at tertiary health care centre.
- Maternal vitamin D3 levels & maternal pregnancy outcomes.
- Feto-maternal Outcomes in In-vitro Fertilization Conceptions referred to tertiary care centre- A Retro-prospective, Observational study.
- Utility of postoperative urine examination in catheter related UTI following Obstetrics and Gynecologic surgeries.
- Maternal and Perinatal Outcomes in Preterm Premature Rupture of Membranes- A Prospective, Observational Study.
- Colposcopy in Evaluation of Suspected Cervical Cancer.
- Febrile illness in third trimester pregnancy.
- Maternal and neonatal outcome, and observational study.
- Observational study on the prolapse outcome of induction of labour in a patient with prior one cesarean section.
- Audit of maternal near-misses in patients coming to KEMH (obgy department) one the period of 1.1/2 years.
- Knowledge attitude and practice of contraception among reproductive age women attending gynaecology opd.
- Epidemiology, pathology and complications in lower genital tract injuries in multiparae patients delivering vaginally.
- Prospective Observational Study of Postnatal Bladder Dysfunction.
- Type of surgery of instress urinary incontinence and its followup.
- Ultrasonographic measurement of uterine lower segment scar thickness in case of previous one Caesarean section and obstetrics outcome.
- To study the Maternal and Fetal outcome in cases of severe preeclampsia and eclampsia amongst patients admitted in OBGY department, Tertiary care medical college centre.
- Maternal and Fetal Outcomes in Connective Tissue Disorders in Pregnancy.
- Audit of blood transfusion in obstetrics.
- Maternal and Fetal Outcome in Higher Order Pregnancies.
- Knowledge attitude and practice about exclusne breast feeding in women attending ANC OPD.
- Urological Injuries in Obstetrics and Gynaecology Surgeries.
- Observational Study of Various Methods for Second Trimester MTP.

Ongoing ICMR clinical trials:

- Comparative study of chromic catgut 1-0 for vs fact obsor gatle polyglactin 910 for episiotomy repair.

- Comparative study of fetomaternal outcome in intracervical versus posterior fornix instillation of dinoprostone gel during primary induction of labour- a prospective study.
- Maternal and Fetal Outcome in Pregnancy complicated with Hepatitis E
- Obstetric Outcome in Operative Vaginal Delivery: A Retro-prospective Observational Study
- Study of Cervical Microflora in Preterm Rupture of Membrane.
- A study on Teenage Pregnancy & its outcome.
- Evaluation of Progesterone Vaginal Ring (PVR) as a new contraceptive option in India.
- 'Sexual Practices in Pregnancy and Puerperium'
- Pregnancy outcomes in Indian women with Endometriosis and Biomarker Correlation: A Cohort Study.

Ongoing NIRRH ICMR clinical trials:

- Development of Multistain probiotic Lactobacillus formulation effective against reproductive tract infections.
- Do uterine fibroids alter the Endometrial Receptivity
- A prediction model of preeclampsia using a combination of biomarkers.

Occupational therapy

Ongoing academic studies:

- Executive functions and its impact on academics and behaviors in children with ADHD.
- Ayres Sensory Integration Therapy in children with ADHD: A mixed Method study
- 'CAT(Comprehensive assessment tool) for functional assessment of the hand: A study in a metropolitan city of Maharashtra'
- Comparison between Client Centred therapy and standard exercise therapy in patients with Rheumatoid Arthritis: RCT
- Correlation of individual joint complex impairment in upper extremity musculoskeletal injury with functional ability.
- Visual Perceptual retraining in patients with acquired brain injury
- The efficacy of telemedicine in delivering occupational therapy services in an early intervention programme in the age group of 1-9 months in the civil hospitals of Maharashtra.
- Effects of core muscle strengthening on occupational performance in patients with patellofemoral pain syndrome.
- The Effect of Parent's/Caregiver's Education on Reduction of "Screentime" in children between 1-2 years of age.
- Comparison between myofascial taping and myofascial release as an adjunct to conventional treatment method in the management of dequervains tenosynovitis : A randomized control trial
- Effect of cognitive training on cognition and quality of life in patients diagnosed with epilepsy
- A Comparative study of Performance Components in right and left brain damaged patients: their relation to Activities of daily living and psychosocial participation.
- Effect of motor skills practice in bradykinesia in patients with parkinsons disease
- To study the influence of occupational factors on the occurrence of work related musculoskeletal disorders in employees of tertiary hospital, Mumbai.
- To study the effects of resistive exercise on balance,mobility and activities of daily living on patients with multiple sclerosis
- To study the effectiveness of cue based feeding versus scheduled feeding in premature infants
- To study the effect of Aerobic exercise and cognitive training on cognitive function and Quality of life in elderly with and at risk of cerebrovascular accident (CVA).

Ophthalmology

Ongoing research projects:

- Concentration of Loteprednol in Aqueous humour in post-op cataract patients.
- Effects of Fluocenolone acetate insert in posterior uveitis patients.

Orthopedics

Ongoing research projects:

- Prevalence of adjacent segment degeneration incases of instrumented fusion of cervical and lumbar spine.
- Match pair analysis of Rotating Platform design Vs Fixedbearing in TKR at 10 years follow up by Gap balancing Technique.
- Posterior and medial offset of shoulder joint.

- Modalities of treatment of Talus Neck fractures and their functional outcome.
- Study of efficacy of addition of periarticular Local anaesthetic injection in sequentially done bilateral total knee replacement.
- Results of modified double row rotator cuff repair using combination of anchor and horizontal transosseous technique by nishiopew approach.
- Efficacy and safety of transpedicular screw fixation by ball point probe technique in dorsolumbar spine.
- Percutaneous release of trigger finger.
- Comparison between cemented and uncemented bipolar.
- Single stage repair of rotator cuff injury in periarthritic shoulder.
- Pattern of drug sensitivity in TB spine.

Pathology

Ongoing research projects:

- Liver biopsy changes in hepatitis B patients before and after therapy - in collaboration with Department of GI Medicine
- Liver biopsy changes in cholestatic jaundice before and after surgery - in collaboration with Department of GI Surgery

Pediatric Surgery

Ongoing studies:

- A retrospective study to assess the clinical profile and utility of laparoscopy in children with nonpalpable testes.
- A Comparative study of role of Dartos flap versus Fibrin Glue for management of paediatric hypospadias' and submission of amended copy of protocol.
- Role of laparoscopy in the management of Disorders of sex development.
- Laparoscopic Pyloromyotomy-our learning curve.
- Early experience of Three-dimensional (3 D) minimal access surgery in Paediatric age group in a tertiary care institute.
- Role of propranolol in pediatric hemangioma.
- Advanced laparoscopy in Disorders of sexual differentiation.
- Study of solid tumors in children.
- Study of constipation in children.

Pediatrics

Ongoing research projects:

International:

- Dr. Mamta Muranjan: Principal Investigator, A Phase 3, Randomized, Multi-Center, Multi-National, Double-Blind Study to Evaluate the Efficacy, Safety and Pharmacokinetics of Once Daily Versus Twice Daily Dosing of Genz-112638 in Patients With Gaucher Disease Type 1 Who Have Demonstrated Clinical Stability on a Twice Daily Dose of Genz-112638 (EDGE).

National:

- Dr. Mukesh Agrawal, Dr. Jane David-- Rota virus vaccine trial (in collaboration with Department of Clinical Pharmacology). Efficacy and safety of Rotavirus vaccine (Phase III) Trial) (Sponsor PATH)
- Dr. C.T.Deshmukh [PI] & Dr. Milind Tullu [CoI], "An open label, prospective, comparative, multicenter, 2 weeks study to assess the device handling, human factors, ease of use, errors, and participant perception on the use of synchrobreath-a breath actuate inhaler versus pressurized metered dose inhaler in healthy volunteers and in patients with Asthma or COPD" [Sponsor- Cipla-- Study No. CP/02/15].

Ongoing academic projects:

- Comparison of Pediatric Risk of Mortality (PRISM) III, Pediatric Index of Mortality (PIM) II and Pediatric Index of Mortality (PIM) III Scores in Predicting Mortality in Pediatric Intensive Care Unit.
- Efficacy of Inhaled Salbutamol Therapy via Nebuliser versus Metered Dose Inhaler & Spacer in Children with Acute Asthmatic Attack
- Clinical, Epidemiological, Biochemical Profile and Outcome of Dengue & Dengue-like illness in Children
- Economic Burden of Specific Learning Disabilities- An Observational Study
- Study of Risk Factors and Clinical Outcome of Cerebrovascular Stroke in Children
- Knowledge, Attitude and Practices Among Pediatric, Neonatology and Obstetrics Residents About the Breast Feeding Practices

- An Observational Study of Causes, Management and Outcome of Thrombocytopenia in a Pediatric Intensive Care Unit.
- Efficacy, safety of antiretroviral therapy and determinants for its compliance in Pediatric age group
- Clinico-epidemiological profile of children with bacteriologically positive versus bacteriologically negative tuberculosis
- Study of infant and young child feeding practices and the impact of select maternal characteristics on them
- A study on hypocalcemia in children upto 5 years of age in a tertiary care hospital
- A study on prevalence and risk factors of iron deficiency anemia in age of 1 month – 3 years of age.
- Clinicopathological analysis of pneumonias in the pediatric age group
- Clinical-etiological profile of chronic liver disease in children
- Economic burden in beta thalassemia major at public hospital- A cross sectional study
- An observational analytical (cohort) study of morbidity and mortality in patients undergoing mechanical ventilation in a tertiary care pediatric intensive care unit
- Awareness about disease among parents of children with nephrotic syndrome.
- Assessment of parental satisfaction regarding the care of their hospitalized children in a major public hospital.
- Case characteristics and risk factors in children with unscheduled readmissions in pediatric ward of a major public hospital.
- Study on Systemic Inflammatory Reaction syndrome.
- Study the prevalence of Diarrhea inpatients on amoxycillin clavunate and those with amoxicillin clavulunate and probiotic.
- Economic burden of slow learners.
- Clinicopathological analysis of coarctation of aorta in pediatric age group.
- A study of convulsive status epilepticus in children in tertiary care centre.
- Mucopolysaccharidosis: Delayed diagnosis, misdiagnosis and complications arising from this delay.
- Etiology, clinical presentation and outcome of children presenting with acute febrile encephalopathy.

Projects in Collaboration:

- Mali NB, Deshpande SP, Divecha CA, Tullu MS, Deshmukh CT, Gogtay NJ and Thatte UM. A prospective antibacterial utilization study in the Pediatric Intensive Care Unit of tertiary referral center.
- Deshmukh CT, Thatte UM, Gogtay NJ, Tullu MS, Divecha CA, Deshpande SP, and Mali N. Pharmacokinetics- Pharmacodynamics relationship of vancomycin in children with suspected or proven gram-positive bacterial infection admitted to Pediatric intensive care unit of tertiary care hospital.
- Muranjan MN, Ami Shah, Snehal Patil. Trends in the use of molecular methods in diagnosis of genetic disorders at a tertiary care center of western India. Fellowship in Clinical Genetics.
- Tullu MS, Ingale V, Deshmukh CT, Veerla S. Outcome of non-invasive ventilation in a tertiary care Pediatric intensive care unit (MUHS PICU Fellowship Project 2015-2016).
- Deshmukh CT, Veerla S, Tullu MS, Ingale V. Quantification of distress in infants and children admitted in a tertiary care Pediatric intensive care unit. (MUHS PICU Fellowship Project 2015-2016).

Pharmacology and Therapeutics

Ongoing Academic projects:

- Use of topical steroids in Dermatology- Questionnaire based study.
- Prescription audit of drugs used for migraine and evaluation of quality of life in patients with migraine.
- To evaluate neuroprotective effect of Sinomenine on β - amyloid induced amnesia in Wistar rats.
- Evaluation of mechanism of action of Aegelmarmolos in DSS induced colitis model in mice.
- An observational study to evaluate prescription pattern of analgesics during perioperative period.
- Evaluation of effects of Caesalpinia crista on letrozole induced models of polycystic ovarian disease (PCOS).
- Evaluation of protective effect of PaeoniaemodiWall in rat model of Parkinson's disease induced by 6 hydroxy-dopamine.
- Drugs use pattern in emergency psychiatry in a tertiary care hospital in Mumbai: a prospective observational study.
- Evaluation of learning and memory of parecoxib and its combination with antiepileptic drug in pentylenetetrazole induced kindling model in rats.
- To evaluate the antiplatelet effect of fycopene and aspirin alone and in combination in hyperlipidemic patients: an in vitro study.
- Evaluation of prescription patterns, drug awareness and self- medication in patients of chronic kidney disease at a tertiary care hospital.

- Audit of project proposals submitted to Ethics Committee to assess measures taken to address the issue of vulnerability among research participants.
- Role of legal expert in ethics committee: A questionnaire based survey.
- Prescription audit of anti-fungal treatment of dermatophytoses in the Dermatology Out-Patient Department of a tertiary care hospital.
- Perceptions of social scientists of ethics committee regarding their role and current practices.
- Prescription audit of tocolytics in preterm labour: Audit of project proposal to assess adherence to guidelines to address the issue of vulnerability.
- Evaluation of the prescription pattern of drugs and adherence of physicians to NeuPSIG guidelines in treatment of cancer related neuropathic pain.
- Drugs use pattern in emergency psychiatry in a tertiary care hospital in Mumbai: a prospective observational study.
- Learning styles and approaches for learning among medical undergraduates.
- Implementation of structured programme for communication skills learning to promote good prescribing practices in II MBBS students.
- A prospective, randomized, placebo controlled, double blind, comparative study to evaluate the efficacy of Chlorophytum borivilianum on physical performance in response to exercise (physical stress) in healthy adults.
- Evaluation of prescription patterns, drug awareness and self medication in patient of chronic kidney disease at a tertiary care hospital.
- To evaluate cardio-protective effect of M1 and M2 novel drugs in isoproterenol induced cardiotoxicity in rats.
- Compliance of observational studies published in various Indian journals in last 5 years to reporting guidelines STROBE.
- Experimental study to evaluate the hepatoprotective effects of Phyllanthus emblica and Tinospora cordifolia in a mouse model of NASH induced by methionine choline deficient diet and endotoxin.
- Experimental study to evaluate the effect of piclamilast on animal models of spatial and fear memory.
- An observational study to determine the adverse drug reaction profile of patients suffering from haematological malignancies admitted to a tertiary care hospital.
- A study of the effect of Indian medicinal plants on fertility and maintenance of pregnancy in fertile rats and their uterotrophic effect on bilaterally ovariectomised immature rats.
- Evaluation of protective effects of Aegle marmelos and Tinospora cordifolia on experimental model of NSAID induced enteropathy.
- Characterization of biofilm forming micro-organisms from clinical specimens and its evaluation by Ayurvedic formulations on biofilm production.
- Assessment of physico-chemical properties of the Roupaya and Abhrakabhasmas and evaluation of their effects on animal model of Parkinson's disease.
- To evaluate the anti-allergic and immunosuppressive potential of *Boerhaavia diffusa* (*B. diffusa*) in experimental animals.

Ongoing Sponsored project:

- Evaluation of role of *Withania somnifera* and *Celastrus paniculatus* in animal models of alcohol addiction.

Completed Projects: Academic

- To evaluate and compare the efficacy of alcoholic and aqueous extract of *Lagenaria siceraria* in high fat diet model in Wistar rats.
- A cross sectional study about practice of perioperative management of blood pressure & management of anaesthesia in hypertensive patients undergoing noncardiac surgery.
- Study of prescriptions and adverse events in patients receiving pro-kinetic agents in the Out-Patient Departments (O.P.D.) of a tertiary care teaching hospital.
- A cross sectional study on patient's perception of effectiveness towards allopathy and alternative therapies for alcohol addiction.
- Factors influencing medication adherence in hypertension and diabetes: A qualitative examination in India.
- Systematic analysis of Standard Treatment Guidelines.
- Development and implementation of pharmacology museum as a teaching tool.
- Learning styles and approaches for learning among medical undergraduates.
- *In-vivo* anti-inflammatory activity of Gold nanoparticles synthesized from isolated flavonoids of *S. alba* fruits.
- Assessment of clinical trials registered at clinical trial registry of India over past decade: An audit.
- Evaluation of the effect of Indian Medicinal Plants on a murine model of dextran sulphate sodium (DSS) induced acute colitis.

- To evaluate the protective effect of *Phyllanthusemblica* NSAID induced enteropathy: An experimental study in rats.
- Evaluation of the efficacy of unprocessed, partially and fully processed *Curcuma longa* in monoiodosodium acetate induced osteoarthritic model of mice.
- To assess the perception of dermatologists and Ayurvedic physicians as well as patients of psoriasis regarding treatment outcome with Ayurvedic therapy.
- A prospective study to assess the impact of prescribed pharmacotherapy on quality life of patients with psoriasis taking treatment in Dermatology OPD of the tertiary care hospital.
- To evaluate effect of *Bryonia* in model of streptozotocin induced diabetic nephropathy in rats.
- Evaluation of performance and perception of postgraduate pharmacology students towards skills of critical appraisal of published research papers.

Completed Projects: Sponsored

- Evaluation of effect of M2 tone on ovulation and implantation in fertile female Wistar rats

Physiology

Ongoing projects:

- A comparative study of haemoglobin concentration in vegetarian & nonvegetarian Indian population of aged 18 to 40 years.
- Co-relation of VO₂ max and body composition in obese and nonobese young Indian population.
- A comparative study of cardiovascular autonomic reactivity in normal subjects and chronic obstructive pulmonary disease patients in a tertiary care center
- Correlation of body fat percentage with cardiometabolic risk factors in Indian adults with normal body mass index.
- Comparative study of mechanical lung function tests in COPD patients.

Completed projects:

- Comparative study of neurocognitive functions in Deaf & normal hearing subjects of age 8 to 18 years.
- Comparison of neuromotor skills in smokers & non-smokers between the ages of 25-60 years to study the effect of smoking.
- Comparative study of effect of air pollution on pulmonary function test in taxi drivers and train drivers
- Comparative study of body composition of male patient with type-2 diabetes in age group of 30-50 yr on basis of duration of disease.

Physiotherapy

Ongoing projects:

- Study of outcome measures to assess functions in elderly
- Effect of massage and exercises on problems in sleep quality in children with CP
- Psychometric testing of clinical tool for quantitative gait analysis (CTQGA); for the academic year 2014 onwards at MUHS, Nashik
- Association of Body Mass Index & Bone Mineral Density with performance based measures of balance and mobility in Indian women.
- Comparison between effect of equal intensity training with Suryanamaskar or physical education activity or combination of both on physical fitness in adolescent urban school children – A randomized control trial
- Effectiveness of school based intervention on physical fitness in obese children.

Plastic Surgery

Ongoing studies:

- Measurement of two point discrimination in hands in adult Indian individuals.
- Study of clinical outcomes, quality of life, patient satisfaction and esthetic results after vertical reduction mammoplasty.
- A study of functional outcomes of nerve and tendon repair in sharp cut injuries of hand and forearm.

Completed studies:

- A study on the effects of inadequate fluid resuscitation on burn patients.
- Post burn contracture – providing prevention protocol.
- Acetic Acid for wounds.
- Autologous Fat transfer for esthetic contour filling.

Psychiatry

- A study of knowledge, attitudes, perceptions in caregivers of patients of schizophrenia.
- Prospective study of self esteem, body image, anxiety, depression and quality of life in patients diagnosed with hirsutism undergoing lazer hair reduction.
- A study on Internet Addiction and its relation with perceived stress, self esteem and coping skills in students of a medical college.
- A study of Psychiatric and personality disorder and medical co morbidity in patients of alcohol use disorder.
- A study of delay in help seeking in mental disorders in socio cultural context.
- Gender differences in patient with schizophrenia in terms of clinical profile, socio-occupational functioning and care giver burden.
- A study of quality of life, psychiatric morbidity and coping skills in care givers of Thalassemia major patients.
- A prospective study of psychopathology, quality of life and perceived stress in patients with gastro-oesophageal reflux and dyspepsia.
- A study of postpartum depression- risk factors and infant bonding.
- Prospective study of self esteem, body image, anxiety, depression and quality of life in patients diagnosed with hirsutism undergoing lazer hair reduction.
- A cross sectional study of psychiatric morbidity, body image, self esteem, quality of life and life events in patients of Cushing's disease.
- Study of delay in help seeking behavior in mental disorders in a socio-cultural context "A study of cognitive impairment, depressive symptoms and functional impairment in elderly stroke patients.
- A study of body image disturbances and associated variables in candidates for reconstructive plastic surgery.
- Study of social functioning in bipolar disorder patients in remission.
- Study of impact of Smartphone addiction in medical students.
- Burden of care in primary care givers of obsessive compulsive disorder patients.
- A study on depression, anxiety, eating habits, self esteem and body image concern in patients of PCOD.
- A study of non-communicable disease in chronic mental illness.
- A study of psychiatric and medical comorbidities and personality disorders in patients with opioid dependence.

Surgery (General Surgery)

- Research collaboration with department of Endocrinology on adrenal tumor.
- Thesis topics by 12 students of the department.

Academic projects

- Retrospective Study Of Whipple's Procedure done at a Tertiary Health Care Centre
- A Retrospective Study of Typhoid Ileal Perforation and Review of Its Outcome and Management
- A Prospective Observational Study Of Mild Traumatic Brain Injuries In Patients Seeking Emergency Medical Care
- A Study of Surgical Re-Exploration for Biliary Tract Pathology, A Retrospective Observational Study
- A Retrospective Study Of Typhoid Ileal Perforation And Review Of Its Outcome And Management
- A Prospective Observational study of patients undergoing Laparoscopic Cholecystectomy post Endoscopic Retrograde Cholangiography and Common Bile Duct clearance for Choledocholithiasis
- A Retrospective Analysis Of Clinico-Pathological Presentations,
- Prognostic Indicators and Outcomes Of Operated Patients Of Gastro-Duodenal Perforations In A Tertiary Care Centre In A Single Year
- Chlorhexidine Gluconate 4% As A Skin Antisepsis Agent Used For Preoperative Skin Preparation At A Tertiary Health Centre
- A Prospective Observational Study On The Effect Of Preoperative Surgical Site Hair Removal On Surgical Site Infection
- Surgical Audit Of Thyroid Surgeries Performed at a Tertiary Health Centre In Last 5 Years
- A Randomized Control Study In Laparoscopic Inguinal Hernia Repair: Mesh Fixation Versus No Fixation Of Mesh

Surgical Gastroenterology

Ongoing studies:

- Outcome of shunt surgery in patients of portal hypertension.
- Preoperative, Radiological and intraoperative factors predicting malignancy in patients with chronic cholecystitis.

- Splenectomy and influence of its histopathology in alteration of treatment paradigms.
- Factors affecting number of lymph nodes harvested and the impact of examining a minimum of 12 lymph nodes in stage I-III colorectal cancer patients: a single institution cohort study.

Studies Completed:

- Study of Functional and Morphological Changes in Liver In operated Cases Of obstructive Jaundice.
- Factors Predicting Malignancy in Chronic Pancreatitis with Head Mass.

Transfusion medicine

Ongoing projects:

- Molecular genotyping of clinically significant (Rh, Duffy, Kell & Kidd) blood group antigen in donors & Multi-transfused patients (Project in collaboration with NIIH).
- A Study of profile of neonates undergoing platelet transfusion at the NICU in a tertiary care hospital.
- Comparison of labile coagulation factors and factor X activity, and fibrinogen level in 24 hour frozen plasma and fresh frozen plasma.
- A retrospective audit of utilization of fresh frozen plasma in a tertiary care hospital.
- A Study of Clinical & Serological Correlation of Positive Direct Antiglobulin test in blood bank at a Tertiary Care Centre.
- Study of hematological and biochemical parameters in mother and her neonate in cases of non identical ABO blood groups in tertiary care hospital.
- A prospective study on Apheresis Platelets to analyse factors influencing Platelet Pheresis yields and post-transfusion platelet recovery.

Urology

On going studies:

- Study of erectile dysfunction following end to end urethroplasty in PFUDD patients.
- Corelation between lower urinary tract symptoms and development of inguinal hernia

In process:

- Predicting the functional outcome of pyeloplasty in adults.
- Role of TURP in the current era of medical therapy in BPH
- Characterization of the Tubulin Interactome and its orchestration of sperm flagellar motility.
- Cryopreservation and organotypic in vitro culture of human testicular tissue.
- A phas-III open label, randomized, parallel group, multicentric trial comparing the safety and efficacy of fixed dose combination tablets of arterolane maleate and piperazine phosphate (PQP) with chloroquine tablets in patients with acute uncomplicated Plasmodium vivax malaria.
- To study the demographic profile of patients suffering from lower urinary tract syndrome and assessment of outcome of TURP.
- To study the efficacy of medical expulsive therapy in renal calculi less than and equal to 6mm in size.
- To study the factors affecting the outcome of patients undergoing extracorporeal short wave lithotripsy for renal and upper ureteric calculus.

Completed:

- Can erectile dysfunction serve as surrogate marker or increased cardiovascular risk in Indian males. An open label, randomized, parallel group and prospective, multicentre clinical trial of IN-ALRN-001 in comparison with tamsulosin hydrochloride in adult male patients with lower urinary tract symptoms associated with BPH.
- Urodynamic profile in patients undergoing TURP predicting outcomes.

In the Limelight

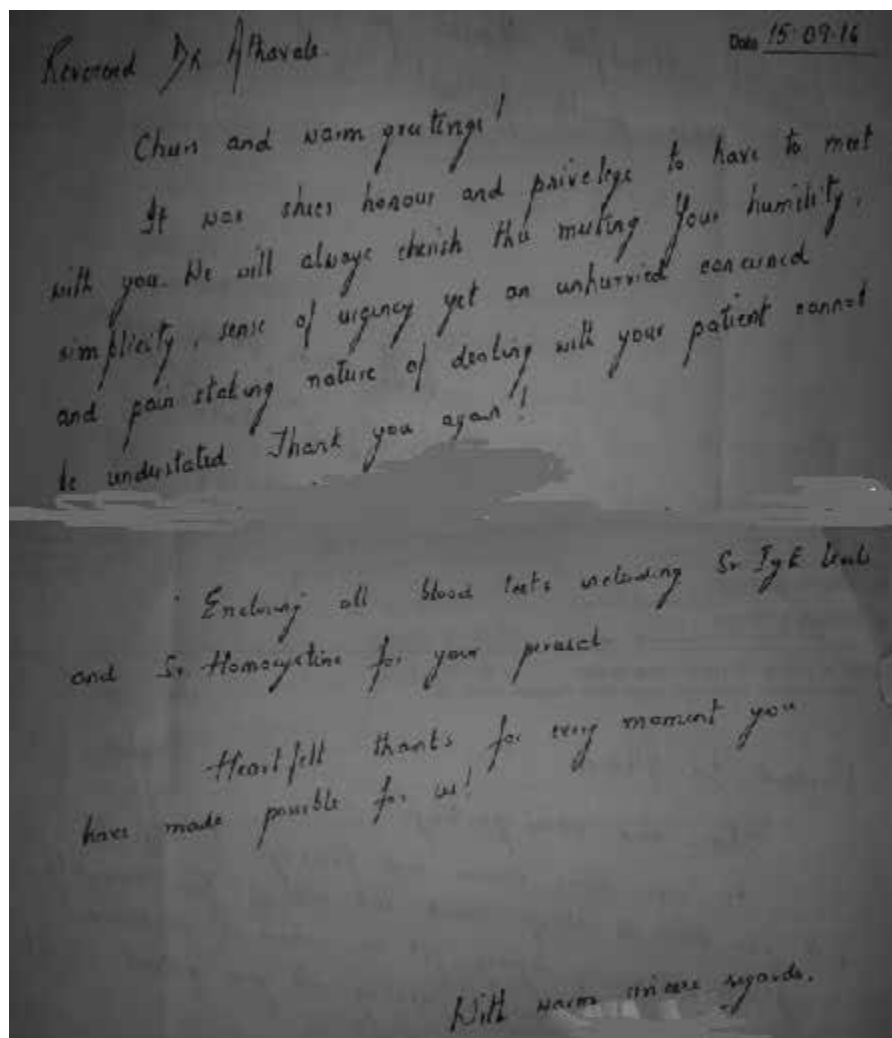
In the Limelight

Anesthesia

- ENT WORKSHOP for 24 hours reported in the Times of India
- Bullet shot injury in Times of India

Chest Medicine

- Letter of appreciation to Dr Amita Athavale



Community Medicine

- Organized the state level conference on “Achievements in Million Development Goals 2016- time for Action.....” at G. S. Medical College in February, 2016, inaugurated by Hon. Vice Chancellor Maharashtra University of Health Sciences.
- Awarded the project on “Assessment of Malnutrition in Thane District” by TATA Motors
- Developed a mobile based app on
 - o “Rapid detection of water contamination in well water
 - o App on Rapid assessment & redressal of health issues in ante natal, intranatal & post natal period”
- These were developed in collaboration with TCS & Alberta University, Canada.
- TCS & dept. of Community Medicine jointly presented a research paper in the conference on technology Application in Health sector on “M-Health & Shishu- Poshan
- Dr. Kadam worked as resource person to MDACS & Saksham, TISS.
- Dr. Kadam was appointed as an external evaluator for evaluation of NGOs working on Targeted Intervention Projects contracted by MDACS & MSACS on behalf of NACO, MOHFW, GOI.

CVTS

- Planning to conduct a panel discussion on coronary surgery in Feb 2017

Dermatology

- Provided scientific organization for Asian Dermatological Congress 2016.

ENT

Dr. Hetal Marfatia – Professor & HOD

- DNA 27.4.16 “WahBaha ! Now,2 boys can hear pins drop”
- Saamna (03-05-2016)- BAHA attract surgery.
- DNA (01-08-2016)- Marathon surgeries for 24 hours
- Sunday Times 25-9-16 “Hearing loss setting in early ,cautions doctors”
- Hindustan Times 26-9-16 “Doctors stress on early diagnosis of deafness”
- Free press journal 7-9-16 “Baha is wah for patient suffering from deafness”
- TOI 29-8-16 With NGO help, teen with ear defect finally gets implant.

Dr. Nilam Sathe – Associate. Professor & HOD

Newspaper

- Tarun Bharat - removal of Bullet from infratemporal fossa– Gunshot injury: challenging surgery saved patient's life 10-11-2015
- DNA (26-04-2016), Pudhari(01-05-2016)-Cut Throat injury with change of voice and mediastinitis.
- Saamna 03-05-2016)- BAHA attract surgery.
- DNA (14-05-2016), Hindustan Times, SAAMANA (15-05-2016)- challenging case of removal of migrating needle from esophagus to paraspinal space of vertebrae.
- DNA (01-08-2016)- Marathon surgeries for 24 hours

Television

- Mi Marathi (04-03-2015)- Interview as ENT expert on ‘swine flu’.
- Mi Marathi (24-10-2015): Invited speaker on Debate- Happy to bleed
- Zee news business (27-05-2016)- Invited speaker on Thyroid awareness
- Jai Maharashtra (19-10-2016)- Invited speaker
- Jai Maharashtra (23-11-2016)- Invited speaker on effects of mobile phone on Ear mobile Head phone on Ear

Neonatology

Newspaper / Magazine report/ TV program:

- Book on NICU best practices in India published by Indian Foundation of Premature Babies. The following from Department of Neonatology, KEMH are published in this book
- Labour Room Continuous Positive Airway Pressure in preterm neonates <34 weeks Gestational age with respiratory distress syndrome- The pressure that works
- Kangaroo Mother Care: imparting Humane Care that continues well beyond discharge
- Developmentally supportive care: The need of the day for optimal neurodevelopment
(The first one being selected as one of the top 10 practices in the country)

Nephrology

- First Paired Kidney Transplant at K.E.M. Hospital

Neurology

- Dr Sangeeta Ravat visited USA to attend seminar on advanced Neurology.

Neurosurgery

- Conducted an International Symposium – “Showcasing Indian Neurosurgery” in April 2016

Newspaper Cuttings:

At KEM hosp, digital models help make neurosurgeries safer

- The Times of India (Mumbai edition)
- 5 Dec 2016

Mumbai: Neurosurgery at the city's premier medical school has acquired a three-dimensional edge. At the civic run KEM Hospital in Parel, surgery for patients with a severe neurological deformity termed craniovertebral junction anomaly nowadays entails making a 3D model beforehand.

“For the last year, we have started using 3D printer to make models that show us the anomaly perfectly even before making a cut,” said Dr Atul Goel, head of neurosurgery.

The craniovertebral junction is a crucial but delicate junction between the brain and spinal cord. “Any mistake on the part of the surgical team can be devastating or even fatal for the patient,” said Dr Goel. Patients who are either born with or develop craniovertebral junction anomalies after an accident lead difficult lives; many are homebound and cannot carry out simple daily tasks such as buttoning the shirt or taking a bath.

The surgery to correct such anomalies is considered a technical challenge. “At KEM Hospital, we perform 140 such surgeries a year. Our series of 2,500 craniovertebral junction anomalies surgeries in the last 25 years is the largest in the world,” said Dr Goel, whose book on the subject is used as a primer in medical schools across the world.

The idea to use 3D-printed models is to make the surgeries safer. “Thanks to these models, we can see each artery, nerve, twists and variations in the anatomy before opening the patient. We get intricate information that makes a big difference in a surgery that can give a new lease on life for these patients,” said the doctor.

The KEM 3D model program is assisted by Dr Bhavin Jhankaria, a radiologist who has a 3D printer at his imaging centre. The hospital's patients undergo a 64-slice CT scan that provides inputs for the 3D printing. “The 3D model helps doctors decide beforehand the sizes as well as angle of the plates and screws to be used,” said Dr Jhankaria.

...अन् त्याची 'मान' उंचावली!

म. टा. विशेष प्रतिनिधी, मुंबई

पश्चिम बंगालमधील आशीष पती या ३० वर्षीय व्यक्तीची मान अचानक वाकडी झाली आणि खांद्याला टेकली. प्रचंड वेदना सहन करतानाच अन्न गिळता येत नसल्याने तो जवळजवळ सहा महिने केवळ द्रव्य पदार्थावर जगत होता. मुख्य डोळ्यांसमोर दिसू लागला होता; मात्र शेवटची आशा म्हणून त्याने मुंबईतले केईएम रुग्णालय गाठले. येथे डॉक्टरांनी कौशल्य पणाला लावून आशीषच्या मानेवर क्लिष्ट शस्त्रक्रिया केली व त्याची मान पूर्ववत केली. पुरुलिया जिल्ह्यातल्या बांधवन गावातील आशीष पेशाने डायक्टर आहे. तीन वर्षांपूर्वी त्याच्या मानेत वेदना सुरू झाल्या. स्थानिक डॉक्टरांकडे उपचार सुरू होते. पण त्याच्या प्रकृतीत काही फरक पडत नव्हता. दीड वर्षांपूर्वी तर त्याची मान डाव्या बाजूला खांद्यावर कलली. ती सरळच होत

नव्हती. एकीकडे वेदना व दुसरीकडे अन्न गिळता येत नव्हते. यात नोकरीही गेल्याने पत्नी व लहान मुलांचा सांभाळ करण्यासाठी लोकांपुढे हात पसरण्याची वेळ आली. वैफल्यग्रस्त आशीषच्या डोक्यात आत्महत्येचे विचार डोकावू लागले. पण सुदैवाने एका डॉक्टरने त्याला मुंबईच्या केईएम रुग्णालयाचा पत्ता दिला.

शस्त्रक्रियेनंतर मान पूर्ववत होईल, असा निर्वाळा केईएम रुग्णालयाच्या न्यूरोसर्जरी विभागाचे प्रमुख डॉ. अतुल गोयल यांनी दिला. मात्र तरीही आशीषचा विश्वास बसत नव्हता. डॉ. गोयल व त्यांच्या टीमने नेक रिअलाइनमेंट ही शस्त्रक्रिया केली. ही शस्त्रक्रिया फारच दुर्मिळ असते. डॉक्टरांनी कमरेच्या हाडाचा तुकडा कापून मानेत बसवला. सहा तासांहून अधिक काळ झालेल्या या शस्त्रक्रियेनंतर आशीषची मान पूर्ववत झाली.

उपचारासाठी मुंबईत येण्यासाठी पैसे नव्हते. आशीषच्या दोन जवळच्या मित्रांनी लोकांकडून पैसे गोळा केले. मुंबईत कोणीही परिचित नव्हते. हॉटेलमध्ये राहणे परवडणारे नव्हते. मग त्याने पथारी पसरून केईएम रुग्णालयाजवळच्या फुटपाथवरच ठाण मांडले.

केईएमच्या डॉक्टरांनी केली दुर्मिळ क्लिष्ट शस्त्रक्रिया

फुटपाथवर वास्तव्य

Nuclear Medicine

- Installing state of art PET/CT

Occupational Therapy

Dr. Mrs. Jayashree S. Kale (Professor& Head):

There needs to be more awareness about OT not just among students and patients, but also among medical practitioners: Dr. Jayashree Kale

27 Oct, 2016



Purnangshu Paul @purnangshupaul

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Dr. Jayashree Kale, joined GS Medical College and KEM Hospital, Mumbai in 1976 as a student of Occupational Therapy, and is presently heading the OT department, which offers 40 UG and 20 PG seats for each batch. Dr. Kamla V. Nimbkar, started Occupational Therapy as a part of healthcare studies in the year 1950 in India. She was responsible for initiating the first occupational therapy school in KEM Hospital, Mumbai, which was the first ever school of its kind in Asia. The history of Occupational Therapy is thus not very old in our country and there is an overall lack of knowledge about this branch of healthcare in this part of the world. People often confuse Physiotherapy (PT) with Occupational Therapy (OT) and count them as one, due to their lack of information and awareness. On the occasion of World Occupational Therapy Day, which is celebrated on October 27, PaGaLGuY interviews the HoD of GS Medical College and KEM Hospital, Mumbai Dr. Jayashree Kale, to talk about the various aspects and challenges that OT, as a healthcare education specialisation, is facing at present.

Dr. Kale shares her experiences on how her transformation took place from a Diploma student in the college to that of the HoD, handling the current batch of students amidst the financial challenges in a reputed BMC (Brihanmumbai Municipal Corporation) backed college in the city.

- **Being a medical stream that is 'less glamorous' than that of MBBS and BDS in our country, how did you end up joining Occupational Therapy?**

I went exploring all over medicine after I finished my school. It was our family physician who convinced me and my family about Occupational Therapy stating that this would be a better choice than Physiotherapy. Not knowing the difference between OT and PT, I joined GS Medical College and KEM Hospital with a lot of apprehension at the beginning. As a student, all of us feel that no one recognizes Occupational Therapy and I am sure most of my students feel the same when they join the course. But as they learn more about the profession and understanding how

<https://www.pagalgu.com/news/there-needs-to-be-more-awareness-about-ot-not-just-among-students-and-patients-but-also-among-medical-practitioners-dr-...> 1/5

- Interviewed on scope for Occupational therapy on the Pagalguy.com channel.

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Sanjay Malik



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For Uber, Ola drivers, big dreams come to a screeching halt

By Shailesh Menon, ET Bureau | Updated: Nov 17, 2016, 02:57 PM IST

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It starts with a niggling cramp on the calf muscles just when the clutch pedal is pressed down. The cramp exacerbates as the day progresses and by noon, a burning sensation envelope the quadriceps. But there are nine more hours to go and numerous rides to finish for this city cab driver.



Most Ola/Uber drivers (in Mumbai) set aside Rs 1,000 for diesel and Rs 200-250 for car maintenance every day. On an average, these drivers bill Rs 1,500-1,800 every day.

"I may not be able to do this for long. I'll go back to driving private cars after that. It doesn't make sense to put health at risk for the kind of money we're getting now," says Dhirendra, who drives a Maruti Dzire in Mumbai for Uber, an app-based taxi service. Dhirendra's bitterness emanates not from the pain alone, but also his plummeting monthly earnings. He was hoping to take home Rs 1 lakh every month when he joined the Uber driver network 15 months ago.

"I used to earn Rs 50,000-60,000 every month until a year ago; now it's just a little over Rs 30,000," says Dhirendra, as he maneuvered the car through thin post-noon traffic. Dhirendra is among the thousands of drivers in various Indian cities who quit their jobs as "private drivers" (with average salaries around Rs 25,000 a month) and jumped on the Ola/Uber bandwagon with big dreams.

Now, those dreams have suffered a setback due to a glut of app-based cabs on the road and the consequential drop in number of rides (per driver) during non-peak hours. Friendly rides (discounts, bonus ride et al) offered by taxi aggregators have further hurt earnings. Taxi aggregators have also slashed driver incentives by 20-25% — or made the incentive structure tougher to achieve — over the past few months. "I take my car out only

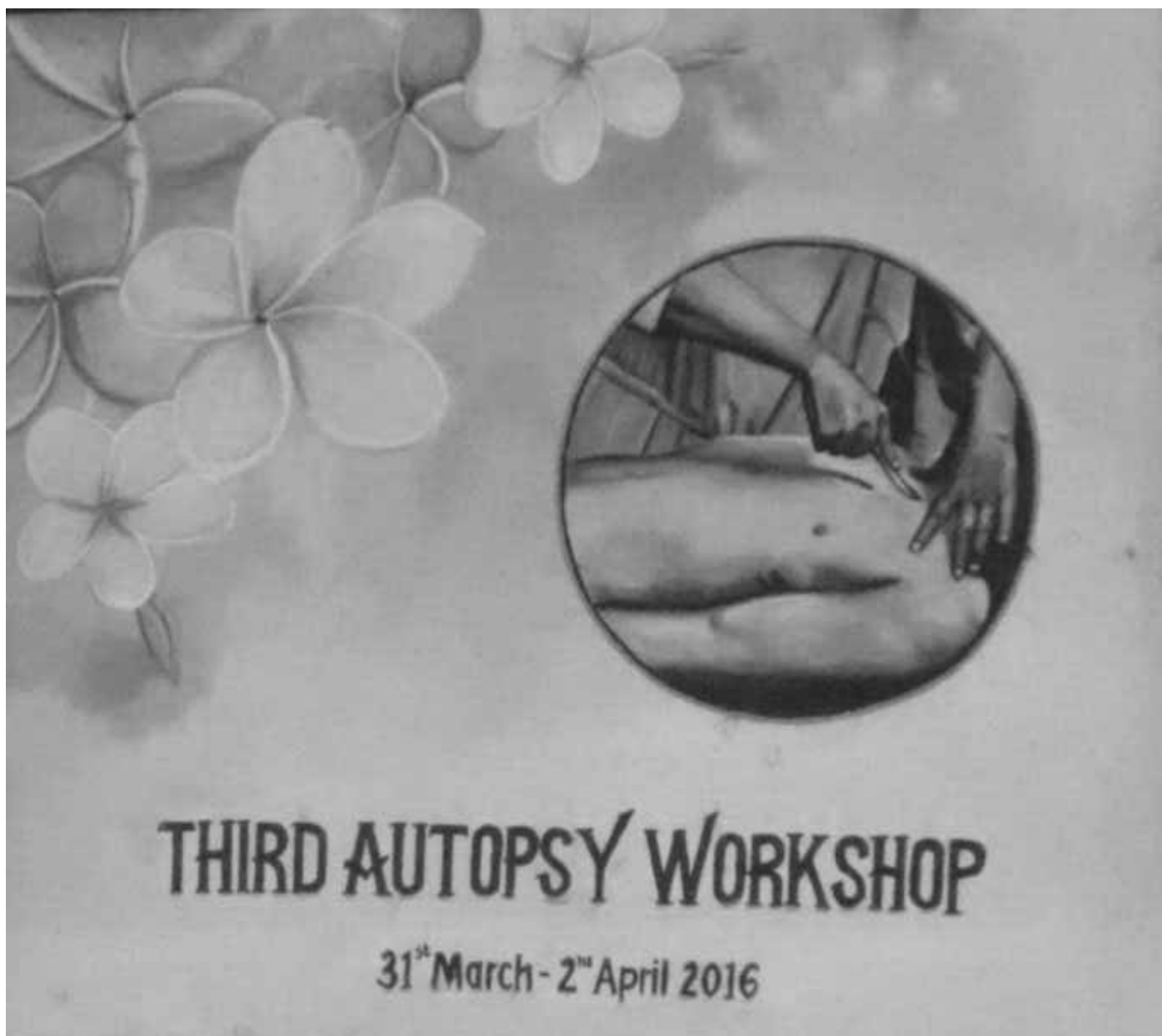
<http://economicstimes.indiatimes.com/small-biz/startups/for-uber-ola-drivers-big-dreams-come-to-a-screching-halt/articleshow/55465119.cms>

1/7

Ola/Uber drivers cover a distance of 150-200 kms every weekday, in order to meet their ride targets and maximise earnings. The long rides are taking a toll on their health. "Many cab drivers come to us with heart, vision and orthopaedic complaints," says Dr. Jayashri Kale, professor & head of the Mumbai-based KEM Occupational Therapy Department.

- Interviewed by Economic Times on health issues for OLA cab drivers in Metropolis cities, care and precautions for the same.
- Interviewed by three local news paper editions of Rajkot.

Pathology



Pharmacology and Therapeutics

- Dr. Snehlata Gajbhiye and Dr. Sharmila Jalgaonkar underwent surveyor training in SIDCER.
- Dr. Sharmila Jalgaonkar selected by MUHS as faculty for MET and Research Methodology Workshop.
- Dr. Y. Shetty invited as international surveyor for FERCAP-SIDCER accreditation at JIPMER, Pudduchery.
- Dr. Shirish Joshi elected as Associate Editor - Journal of Postgraduate Medicine.
- Dr. N. N. Rege selected as Treasurer of Association of Health Professions Education India.
- Dr. Harshad Rasane appointed as Independent Consultant for IEC - 1.

Psychiatry

Dr SR Parkar in the limelight as under

- Lokmat – 10th Jan, 2016 - Mansik Aarogyakade Pahatana
- Lokmat – 24th Jan, 2016 – Ghevu Manachi Kalji
- Lokmat – 7th Feb, 2016 – Mahatva Mansik Suchitiche
- Lokmat – 21st Feb, 2016 – Sanmanane Jagtana
- Lokmat – 6th March, 2016, Pudhe Chala Re
- Lokmat - 20th March, 2016, Chala Navyane Jagu Ya
- Lokmat – 3rd April. 2016 – Paristhitishi Karuya Don Hath.

- Lokmat – 1st May, 2016 – Bhavnik Fitness Japtana
- Lokmat – 15th May, 2016 – Bhavnik Fitness Milavuya
- Lokmat – 12th June, 2016 – Manacha Manonigraha Japtana
- Lokmat – 26th June, 2016 – Sakaratmak Vatchal Kartana
- Lokmat – 28th July, 2016 – Atmakaruna
- Lokmat – 7th August, 2016 – Vartamanat Jagu Ya
- Lokmat – 21st August, 2016 – Jivnacha Anand Ghetana
- Lokmat – 4th September, 2016 – Aayushachi Kalpana
- Lokmat – 2nd October, 2016 – Kshamashil Hovu Ya
- Lokmat – 16th October, 2016 – Ekala Chalo Re
- Lokmat – 30th October, 2016 – Sachepanachi Janiv
- Lokmat – 13th November, 2016 – Echashaktiche Samarthya
- Lokmat – 27th November, 2016 – Jagnyacha Pramanik Hetu
- Lokmat – 11th December, 2016 – Samajik Bandilkichi Janiv
- Diwali Aank Maifal 2016 - Muskatdabi
- Diwali AanK Bal Maifil 2016 – Why Children Miss School
- Diwali Aank A Complete Health Guide Aarogyaman Jestanche Aajar v Nivaran in topic 'Manshritiche Aavghadale Pan'2016
- Mazi Saheli Gauri Ganpati Visheshank august 2016 – Nakki Kay Chuktay
- Loksatta Chaturang– Aadhar Bhavnik Sthariyasathicha 16th April, 2016
- Aapla Doctor Diwali Visheshank 2016 – Man Haypertension che
- Diwali Aank Sanskardip OCT 2016 – ' Bhramachi Duniya :Schizophrenia'

30/12/16 Times of India

In BMC hosps, a ventilator for every ICU bed on cards

TIMES NEWS NETWORK

Mumbai: Given the acute shortage of ventilators, the civic administration is planning to upgrade all intensive care unit beds in its hospitals by adding a ventilator. The exercise, which may take a couple of years to complete, is likely to begin within the next three months.

The BMC, which has three super-specialty hospitals, five specialty hospitals and 16 secondary-level hospitals, has approximately 1,000 intensive care unit beds.

"Of these, 457 beds have ventilators," said Dr Avinash Supe, director of medical education in BMC hospitals.

The BMC has already awarded a tender for 200 ventilators and, once these are commissioned, it will order ventilators for the remaining beds as well.

BREATHE EASY: The BMC has already awarded tender for 200 ventilators

Ventilators help severely ill patients, with compromised lungs, in breathing.

The city has witnessed many medical dramas where families have rushed from one public hospital to another in the search for a ventilator support. "We have studied the demands of people and realized that there is a need to increase the number

of ventilators, neonatal beds and diagnostic facilities offering CT and MRI scans," said Dr Supe, who is also the dean of KEM Hospital in Parel.

KEM Hospital has 324 ICU beds spread across various specialties such as medicine, surgery, neurology, among others, but has only 170 ventilators.

Regarding neonatology, Dr Supe said that steps were being taken to increase the number of paediatricians in the BMC health system. "We are planning to enlist consultant paediatricians on a contractual basis," he added.

After the success of the public-private partnerships (PPPs) model at Cooper Hospital in Juhu and Siddharth Hospital in Goregaon, the BMC is planning for more such PPPs in its secondary-level hospitals that are located in the suburbs.

TTOT | TUESDAY, NOVEMBER 15, 2016 11

50 kids get free glucometers at KEM Hospital

On Monday, more than 50 poor children who suffer from juvenile diabetes were given free glucometers with strips and needles at an event organised at KEM Hospital, Parel.

The event, held to mark World Diabetes Day and celebrate Children's Day, was hosted by KEM's Endocrine and Diabetology Department.

Dr Tushar Bandgar and Dr Vyankatesh Shrivane, welcoming the children and their parents, emphasised the need to monitor blood and sugar levels by using glucometers. The doctors also explained how to avoid medical emergencies by injecting the correct dosage of insulin.

MMB

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24TH / SEP / 2016

The Times of India

Hearing loss setting in early, caution doctors

TIMES NEWS NETWORK

Mumbai: Modern-day living contributes immensely to hearing impairment, said doctors on the eve of International Week of the Deaf. Overuse of mobiles and earpods to medications to construction site noise, could all be contributing to the growing incidence of hearing loss.

"One would expect hearing loss to set in after 45 years of age, but nowadays we get people in their early 30s with hearing loss," said Dr Neelam Sathe from the ENT department of civic-run KEM Hospital, Parel.

Presbycusis is hearing loss that occurs with aging. World medical literature says about 30-35% of adults aged 65-75 years have hearing loss. "Of late, people are coming with presbycusis in their 50s. While no one reason can be attributed for this, it could be due to better awareness and/or worsening noise pollution," said Dr Samir Bhargava, who with the BMC-run Cooper Hospital, Juhu.

Dr Hetal Marfatia-Patel, who heads the ENT department of KEM Hospital, Parel, said, "Hearing impairment doesn't come with alarming pain. In fact, people rarely notice one-sided loss. There are subtle signs like holding the phone to one ear, talking less or getting depressed." She also pointed out to

GROWING SOUNDS OF SILENCE

> About 5% of the world's population (360 million people) have disabling hearing loss, 32 million of these are children

> Disabling hearing loss is defined in adults (15 years and older) as hearing loss greater than 40dB in the better hearing ear; children (0-14 years) as loss greater than 30dB in the better hearing ear

> Chronic ear infections lead to hearing loss and can cause life-threatening complications and mortality

> 1.1 billion are estimated to be at risk of hearing loss due to unsafe listening practices

> Hearing loss can also be due to use of anti-malarial drugs, antibiotics for multi-drug resistant TB

> Occupational noise-induced hearing loss has become the most compensated occupational hazard

> Up to 5 of every 1,000 infants are born with or develop disabling hearing loss

> Nearly 1 of every 3 people over 65 years are affected by hearing loss

> 50% of loss is preventable by hearing care habits, treatment



patterns of viral infections affecting a patient's hearing. "Some fevers last for days and could affect hearing. Some medicines, especially multi-drug resistant TB, are known to cause hearing loss as a side-effect. People suffer hearing loss also because of cancer treatment," Dr Marfatia-Patel added.

As part of the International

Week of the Deaf, the Mumbai branch of the Association of Otolaryngologists of India will offer free ear check-up. "It is believed 83 out of 1,000 children have hearing loss that affects their education. Yet, not all come for treatment," said Dr Marfatia-Patel, whose KEM team has done 250 cochlear or bionic ear implants.

आपाडा

२९ सप्टेंबर हा जागतिक हृदयदिन म्हणून साजरा केला जातो. त्यानिमित्ताने काही 'हृदयाचे' गुज...

सामन

त्यांना कासाचा त्रास नव्हता आणि अपामास अर्देक देऊन वारले असं हुरली अनेकदा कागधर देकायला मिळतं. सावळी भेटलेला माणूस अवघड काही वेळात हृदयविकाराच्या झटक्याने गेल्याचे समजते आणि आपल्यासाठीही हे कल्प घेवलेले एक धक्क्याच असले, बदलली जीवनशैली, जंक फूड, सततचा तणाव, असुरी विवाही अशी विविध हृदयविकाराची वळणे आहेत. कुठलीही गोष्ट सततच आणि किमानावर असते. घात देऊन जरी अडथळा होतो तरी त्याच परिणाम होण्याची होतो. लगेच शरीराचे आहे तेव्हा हृदयाच्या स्नायूंना ऑक्सिजनचा पुरवठा बळित होतो तेव्हा हृदयाच्या स्नायूंना पेली नव होऊ लागतात तेव्हा हार्ट अटॅक येतो.

हुरली हृदयविकार, वेल्लुवर हार्ट डिसिस, कोरोनरी अटॅरि डिसीस (लहान मुलांचे अजातर) असे तीन हृदयाचे प्रकार अडकतात. त्यांची हृदयविकाराचा झटक देण्याचे प्रमाण

जास्त अडकत येते. ३० ते ४० वर्षांपेक्षाही लोकांमध्ये हा अजातर अडकतो. पूर्वी हा अजातर ५० वर्षांपेक्षाही लोकांमध्ये अडकत असा. त्यांनी काही काळात अडकत असा. त्यांनी काही काळात अडकत असा. त्यांनी काही काळात अडकत असा.

पेणे अडकत आहे. आपल्याकडे मानवीयपार लक्षात आहे जेणे याच अर्ध वेळ लागणे असं समजत आहे. या तसं माहीत त्यांच्या वेळ सतत्यामुळे स्ट्रेस कमी होऊ शकतो. याबरोबरच स्ट्रेस कमी करणाऱ्याही हृदयाच्या अडकत आहे. आपल्या घरात लहान आहे ते सुद्धा काही समजायचे हे. प्रत्येकाच्या हाताने असतं. त्यासाठी आपल्याला एखाद्या मनात आनंद देण्याची होऊ शकते. सगळे ऐक्याने शिवा मनात आनंद देतील. असा धर्मिणी ऐक्याने आणि मार्गशिक लहान कमी कल्याणासाठी जाणीवपूर्वक प्रयत्न करणे याबरोबरच गोष्टीमुळे हृदयविकाराचा अजातराचा धोका टाळण्यास खुब मदत होतो. जे असतानाच आनंदाने ते करावे. त्यामुळे एक नवी रुझन मिळते आणि आनंद रिफ्रेश होऊन जातो.

डॉ. द्वारकानाथ कुलकर्णी
हृदयशस्त्र विदारक, केईएम रुग्णालय

आपले हृदय जितके कोमल तितकेच कणखर असते. संपूर्ण शरीराचा तोंड ते सांभाळते. फक्त आपण थोडी जीवनाशी सुधारली तर बऱ्याच गोष्टी सोप्या होतील.

हृदयाची गोष्ट

हृदयविकाराची लक्षणे

हुरली गंध होतो, घराबाहेर येऊन होतो, कोटिभक्त होतो, माथे, कानांवर, पाठीचे दुखणे, छाती खोबर, जाडवा, पांढला दुखणे असे लक्षात असण्यास त्याचवेळी दुर्लक्ष न करता त्वरित डॉक्टरांची संपर्क साधायचा.

मुख्य कारणे

माथे, कानांवर, पाठीचे दुखणे, छाती खोबर, जाडवा, पांढला दुखणे असे लक्षात असण्यास त्याचवेळी दुर्लक्ष न करता त्वरित डॉक्टरांची संपर्क साधायचा.

हार्ट अटॅक आल्यावर...

हृदयविकाराचा झटक आपल्यावर पडल्याचा जडवाच्या हॉस्पिटलाची संपर्क साधायचा. तिथे गेल्यावर पहिले ईसीजी आणि नंतर टोपेगिन -टी, टोपेगिन -अस, सीसीके-एससी अशा काही टेस्ट केल्या जातात. त्यात पॉलिटेक आहे तर कणखर तिथे पुढील सुविधा नसल्यास स्टेशनरीज करून दुसऱ्या रुग्णालयात हलकतात. रुग्ण त्या गेल्यानंतर फिरावण्याचे पोलीसप्राप्त त्यावर प्रामाणी एमिअरलस्टी होऊ शकते. जवळच्या हृदयविकाराच्या रुग्णाला असं जगावरपास त्यांना पहिली डॉक्टरांच्या सल्ल्याने सॉफ्टट कोडी होऊन.

हृदयविकारा प्रतिकार

प्रमाण पूर्णपणे टाळले पाहिजे माथे, कानांवर, पाठीचे दुखणे, छाती खोबर, जाडवा, पांढला दुखणे असे लक्षात असण्यास त्याचवेळी दुर्लक्ष न करता त्वरित डॉक्टरांची संपर्क साधायचा.

श्वसननलिका भेदून लाळग्रंथीत अडकलेली बंदुकीची गोळी काढली...

जळगावातील तरुणाला दिले जीवदान

केईएम रुग्णालयातील डॉक्टरांनी पार पाडली अवघड शस्त्रक्रिया



मनोज मोघे

मुंबई, दि. २५ - लहान मुलांतील भांडणाचा राग ठेवून जळगावमधील चंद्रामणी तायडे (४५) यांच्या घरात घुसून गोळीबार करण्यात आला. यातील एक गोळी मानेकडील वाजून धेट श्वसननलिकेत तिथून जबड्यात आणि तिथून लाळग्रंथीतील स्नायूत जाऊन अडकली. यामुळे छाणे-पिणे सोडाच जगणेच असं झालेल्या चंद्रामणी यांना केईएम रुग्णालयाच्या डॉक्टरांनी जीवदान दिले. इंडोस्कोपद्वारे या लाळग्रंथीपर्यंत पोहोचून ही गोळी बाहेर काढण्याची अवघड शस्त्रक्रिया डॉक्टरांनी पार पाडली.

जळगाव येथील चंद्रामणी यांचे शेजारीच राहणाऱ्या नातेवाईकांसोबत लहान मुलांच्या कारणांवरून खटके उडत होते. याच राग मनात ठेवून या नातेवाईकांनी धेट घरात घुसून गोळीबार केला. गावठी कट्ट्याने झाडण्यात आलेल्या दोन गोळ्यांपैकी एक चंद्रामणी यांच्या पाठीत तर दुसरी मानेतून पुढे लाळग्रंथीत अडकली. जळगाव पोलीसांनी चंद्रामणी यांना केईएम रुग्णालयात घेऊन आले असता, रानवारी ही शस्त्रक्रिया पार पाडली. नाक कान घसा विभागाच्या युनिट हेड डॉ. नीलम साठे यांनी फॅसिकोमॅक्सिलरी सर्व डॉ. प्रसाद भागे

तसे डॉ. ईश्राणी बिचोली यांच्या सहाय्याने ही शस्त्रक्रिया यशस्वीरित्या पार पाडली. पाच तास चाललेल्या या शस्त्रक्रियेनंतर काही दिवस चंद्रामणी यांना द्रवपदार्थच सेवन करावे लागणार आहेत. त्यासाठी त्यांना अन्ननलिकेत नळी टाकण्यात आली आहे. त्यांना बरे होण्यास आणखी आठवडाभराचा काळवधी लागणार आहे. ही गोळी आतच राहिली असती तर तिच्या विषामुळे त्यांच्या अन्ननलिका तसेच श्वसननलिकेलाही धोका होता. प्रसंगी हे जीवावरही बेतले असते, मात्र आता त्यांचा धोका टाळला असल्याचे डॉ. नीलम साठे यांनी सांगितले.

अशी झाली शस्त्रक्रिया

चंद्रामणी यांचा चेहेऱ्या शीटी सीटी स्कॅन करण्यात आला. मात्र त्यानंतरही ही गोळी शोधणे कठीण होते. मानेच्या मागील भागातून शस्त्रक्रिया सुरू करण्यात आली. यावेळी गोळीमुळे जबड्याकडील भागाला झालेले फ्रॅक्चर दुरुस्त करण्यात आले. हाडांचे तुकडे वाजला करून इंडोस्कोपद्वारे शोध घेतल्यानंतर ही गोळी लाळग्रंथीत अडकल्याचे दिसले. यावेळी अॅनेस्थेशियाचे डॉ. सुनील चापणे यांनी महत्वाची भूमिका पार पाडली. अॅनेस्थेशिया दिल्यानंतर ही गोळी अलगद बाहेर काढण्यात आली.

डॉक्टर-रुग्ण विसंवादासाठी सुविधांची वानवाही जबाबदार

रुग्णांची वाढणारी संख्या, डॉक्टरांच्या रिक्त जागा आणि रुग्णालयांची कमतरता अशी अनेक कारणे रुग्ण आणि डॉक्टरांच्या विसंवादाला कारणीभूत आहेत. डॉक्टरांना देव मानणारा समाज डॉक्टरांवरच हल्ले चढवीत आहे. हे हल्ले कमी करण्यासाठी डॉक्टरांच्या संवाद कौशल्य कार्यशाळा घेऊन मागणार नाही, कारण संवाद ही कला आहे. दुर्दैवाने आपल्याकडे विज्ञान पोहोचले असले तरी अजूनही कला पोहोचली नाही. या आरोग्य सेवेत सुधारणा घडवून आणण्यासाठी वैद्यकीय सेवा पुरविणाऱ्या व्यवस्थेमध्ये बदल घडवून आणणे गरजेचे आहे. आजही पालिकेच्या रुग्णालयात वैद्यकीय उपकरणांची संख्या रुग्णसंख्येपेक्षा अतिशय कमी आहे. त्यामुळे उपचार करताना डॉक्टरांवर मर्यादा येते. अशा वेळी व्यवस्थेमध्ये सुधारणा करण्यासाठी रुग्णालये, डॉक्टर, वैद्यकीय उपकरणे यांचे प्रमाण वाढविले, तर डॉक्टर आणि रुग्णांमधील विसंवादचे स्वरूप सुसंवादित होऊ शकते, असे सांगताहेत महानगरपालिकेचे वैद्यकीय शिक्षण व प्रमुख रुग्णालय संचालक डॉ. अविनाश सुपे.

● डॉक्टर आणि रुग्णांमधील संवाद कमी होण्याची नेमकी कारणे कुठली ?

पालिकेच्या रुग्णालयातील डॉक्टरांची संख्या कमी असल्यामुळे प्रत्येक रुग्णासोबत संवाद साधून आजाराबाबतची अधिक माहिती घेण्यासाठी डॉक्टरांना वेळ मिळत नाही. रुग्णालयांवरील भार वाढत असताना रुग्णांना समुपदेशन करणे शक्य होत नाही. याबरोबर वैद्यकीय उपकरणांची कमतरता, डॉक्टरांची अपुरी संख्या आणि पालिकेच्या रुग्णालयांचे केंद्रीकरण ही महत्त्वाची कारणे आहेत. यापुर्वी एक्सरे काढून उपचार केल्या जाणाऱ्या रुग्णांना सीटी स्कॅन, एमआरआय अशा नवनवीन उपकरणांद्वारे उपचार पद्धती घाची लागत असल्यामुळे प्रत्येक रुग्णामागे जास्त वेळ देण्याची गरज निर्माण झाली आहे.

● वैद्यकीय साधने नसल्यामुळे डॉक्टरांवर मर्यादा येतात का ?

प्रत्येक संस्क्रिया यशस्वी कायला हवी अशी रुग्णांची आणि त्यांच्या कुटुंबीयांची इच्छा असते. मात्र प्रत्येक वेळी हे शक्य होत नाही. उपचाराच्याही मर्यादा असल्यामुळे डॉक्टरांवर बंधने येतात. तसे पाहता डॉक्टरांच्या चुकीच्या निर्णयांमुळे रुग्ण दगावण्याचे प्रमाण कमी आहे. मात्र अनेकदा माध्यमांमधून डॉक्टरांना वेढीस धरले जाते. त्यामुळे रुग्ण आणि त्यांचे नातेवाईक राजकीय मदत घेऊन डॉक्टरांविरुद्ध अंभरावी करतात. एखादा आजार बरा होणारा असेल तर त्यासाठी डॉक्टर प्रयत्न करतात, मात्र बचाव करणे अशक्य असेल तर डॉक्टर इतर रुग्णांना वाचविण्यासाठी प्रयत्न करतात.

● डॉक्टरांची संख्या वाढविण्यासाठी दिरंगाई का केली जात आहे ?

दरवर्षी आम्ही डॉक्टरांची संख्या वाढविण्यासाठी निवेदन पाठवीत असतो. मात्र अनेकदा सार्वजनिक आरोग्य रुग्णालयात काम करण्यासाठी डॉक्टर तयार होत नाही, तर दुसरीकडे डॉक्टरांच्या जागा वाढविण्यासाठी महाराष्ट्र मेडिकल कॉर्सेसिलकडून पाठिंब्या मिळत नाही. केईएमध्ये दर वर्षाला ४३ विभागांमध्ये २०० ते २५० डॉक्टर दाखल होतात, तर तीन वर्षांचे मिळून साधारण ७५० डॉक्टर रुग्णसेवा देतात. मात्र या तुलनेत रुग्णांची संख्या ही १९ लाखांपर्यंत पोहोचली आहे. त्यामुळे डॉक्टरांवरील ताण कमी करण्यासाठी आणि रुग्णांसोबत संवाद वाढविण्यासाठी डॉक्टरांची संख्या वाढविणे गरजेचे आहे. गेल्या १० वर्षांत वैद्यकीय महाविद्यालयात डॉक्टरांच्या जागेत १० ते १५ टक्क्यांनीच वाढ झाली आहे. या तुलनेत रुग्णांची संख्या दुपटीने वाढली आहे.



आठवड्याची मुलाखत

डॉ. अविनाश सुपे,
महानगरपालिकेचे वैद्यकीय
शिक्षण व प्रमुख रुग्णालय
संचालक

हे अंतर पाहता ७५० डॉक्टरांमध्ये १९ लाखा रुग्णांना उपचार देण्यात डॉक्टरांच्याही मर्यादा येतात.

● रुग्ण आजाराबाबत आणि उपचार पद्धतीबाबत अधिक सजग झाले आहेत का ?

नक्कीच. आजचे रुग्ण आणि त्याहून त्यांचे नातेवाईक अधिक जागृत झाले आहेत आणि हे एका दृष्टीने योग्यही आहे. वापुर्वी डॉक्टरांनी सांगितलेली माहिती रुग्ण ऐकून घेत होते. मात्र आता रुग्ण आणि त्यांचे नातेवाईक अनेक प्रश्न विचारतात. समाजमाध्यमे आणि प्रसारमाध्यमांच्या परिणामामुळे लोकांमध्ये उपचार प्रक्रियेबाबत जाणून घेण्याची उत्सुकता असते. हे एका दृष्टीने चांगले जरी असले तरी वस्तुस्थिती पाहता डॉक्टरांना प्रत्येक प्रश्नाची माहिती पुरविणे शक्य होत नाही. यातून आपल्या रुग्णांकडे लक्ष देत नसल्याचे समजून डॉक्टरांप्रति द्वेष निर्माण होतो.

● आजाराबरोबरच रुग्णांची मानसिकता जाणून घेणे उपचार प्रक्रियेत किती महत्त्वाचे आहे ?

पालिकेच्या रुग्णालयात येणाऱ्या रुग्णांना अनेकदा नेमका आजार सांगता येत नाही, तर कौटुंबिक कलहामुळे मानसिकदृष्ट्याही उपचार करण्याची गरज

असते. रुग्णांना त्रस्त असलेल्या समस्यांचे निरासन केले तर उपचार करणे सोपे जाते. मात्र सध्या रुग्णांच्या मनाची परिस्थिती समजून न घेता शारीरिक दुखण्यावरच औषधे दिली जातात. २५ ते ३० टक्के आजार हे मानसिक असतात, त्यामुळे रुग्ण व्यक्त झाला तर उपचार करणे सोपे जाते. मात्र आपल्याकडे रुग्णांची पार्श्वभूमी जाणून घेण्यासाठी प्रयत्न केले जात नाही. हे समजानासाठी आणि डॉक्टरांना पेशासाठी घोकादायक आहे. शास्त्रीयदृष्ट्या उपचार करणे महत्त्वाचे आहे, मात्र दुसऱ्या बाजूला रुग्णांची भावनिक परिस्थिती समजून घेण्याचीही तितकीच आवश्यकता आहे.

● नवोदित डॉक्टर रुग्णांसोबत संवाद साधण्यात कमी पडत आहेत का ?

डॉक्टर रुग्णांसोबत कशा प्रकारे बोलतात, त्यांचे हावभाव, शारीरिक हालचाली अतिशय महत्त्वाच्या आहेत. सध्या नवोदित डॉक्टरांकडून रुग्णांवर उपचार करताना त्यांची आर्थिक परिस्थिती, मानसिक तणाव, कौटुंबिक परिस्थिती जाणून घेतली जात नाही. डॉक्टरांचे कपडे, त्यांची बोलण्याची पद्धत, राहणीमान, शारीरिक हालचाली या सर्व गोष्टी महत्त्वाची भूमिका बजावतात. पालिका रुग्णालयात येणारे अधिकांश रुग्ण हे गरीब कुटुंबातील असतात. त्यामुळे त्यांच्यासोबत संवाद साधताना त्यांच्या पातळीवर येऊन मानसिकता समजून संभाषण करावे. रुग्ण आणि डॉक्टरांमध्ये अंतर असू नये. मात्र सध्या रुग्णांसोबत चांगले संबंध जोडून उपचार केले जात नाही याची खंत आहे. रुग्णांना डॉक्टरांकडून आस्था, आपलेपणा अपेक्षित असतो. याकडे लक्ष द्यायला हवे.

● डॉक्टर व रुग्णांचा सुसंवाद वाढावा यासाठी काय प्रयत्न केले जात आहेत ?

गेली अनेक वर्षे डॉक्टरांना रुग्ण संवाद प्रशिक्षण दिले जाते. यामध्ये दृक्-श्राव्य माध्यमातून कुठल्या प्रसंगी कशी वागणूक द्यायला हवी याची माहिती दिली जाते, तर वैद्यकीय शिक्षण देत असताना वेळोवेळी त्यांना रुग्णांसोबत कसे वागावे याची माहिती दिली जाते. दर तीन महिन्यांनी संवाद कौशल्य वाढविण्यासाठी डॉक्टरांची कार्यशाळा घेतली जाते. गंभीर रुग्णांवर उपचार करतेवेळी कशी वागणूक असावी, काय बोलवावे, रुग्णांचे सांत्वन कसे करावे याची प्रात्यक्षिके दिली जातात. पाश्चात्य पुस्तके वाचून भारतीय रुग्णांवर उपचार केले जाऊ शकत नाहीत. रुग्णांसाठी प्रेम, आपूलकी, निष्काळा ठेवूनच उपचार केले जावेत, याचे महत्त्व त्यांना पटवून दिले जाते.

- मुलाखत - मीनल गांगुर्डे

City's public hospitals gear up to treat injuries

Pic: Rizwan Mithawala

Doctors Request Participants To Be Cautious

TIMES NEWS NETWORK

Mumbai: As the city celebrates Gokulashtami on Thursday, the city's public hospitals have geared up to treat injuries. In the last three years, at least four people have died and nearly 1,200 were injured in the festival that has come to face height restrictions from the Supreme Court.

For some families though, the day of dahi handi is still a living nightmare. During the celebrations in 2012, Sandeep Ashorkar, 32, from Hindmata had a crippling fall from the pyramid. That was the first time he had participated and that too without adequate practice. On the day of dahi handi, he was in the outer layer of the pyramid. With the pyramid crashing, govindas from the higher layers fell on Ashorkar and he suffered a grievous spinal injury. He passed away after surgery and months of treatment.

Nagesh Bhoir, who suffered irreparable damage to the cervical spine after falling from the sixth tier of a human pyramid in 2009, cautioned participants to take all precautions. "The mandals should not allow govindas to climb pyramids without wearing helmets, chest guard and safety harnesses. The injuries can be life-changing," said Bhoir, who got paralyzed from the neck down after the fall. "I have been immobilized since then and I am completely dependent on my family now," he said.

Bhoir laments that the festival has assumed a different colour with alcohol-fuelled revelry and stiff competition between mandals for prized handis. "But no one comes to help you once you are on the bed with a crippling injury," he said.

Hospitals too have requested govindas to be cautious. Parel's KEM Hospital dean, Dr Avinash Supe, said around 10 beds have been set aside for dahi handi casualties. "The general surgery, orthopaedic, radiology and anaesthesia de-

ENSURE FIRST AID AT SITE

> Making a human pyramid requires immense coordination, patience and agility. Ensure you have sufficient practice

> Make sure there is a first-aid box at the site. There should also be a vehicle on standby to take any casualties to the nearest medical facility

> Organisers must ensure all

members forming the human pyramid have a chest guard, helmet, safety belt and harness

> Organisers must get personal insurance of every player

> Take refreshments, especially water, and consider caps for shade and sunscreen cream



Dr Sudhir Srivastava of KEM Hospital

Dahi handi injuries in Mumbai

Year | People hurt

2015 | 129

2014 | 360

2013 | 650

partments teams have been put on alert. We are prepared to treat any number of casualties, though last year we did not see many serious cases," he said.

Doctors warn that in the eventuality of a fall, govindas should immediately call for an ambulance without trying to tackle the injury on their own. "They should rush the person to a nearby hospital depending on the seriousness of the injury. They should not give any food or water immediately after the fall. One should also be careful about lifting the injured as that could aggravate if it's a fracture or spinal injury," said Dr Pradeep Bhonsale, former head of orthopaedics department, KEM Hospital.

In fact, KEM Hospital's orthopedic department has a gameplan ready for today's dahi handi festival. Like every year, more doctors will be on call, operation theatres will run for longer hours and Thomas splints, used to keep fractured limbs immobilized, have been ordered in bulk. "We are ready for 10, 15, even 20 emergencies coming in together," said Dr Sudhir Srivastava, professor and head of department of orthopedics and the head of the spinal unit.

Srivastava, who has been working at KEM for 25 years,

estimates that the hospital gets an average 10 govinde-related admissions each year and four to five patients have grievous injuries.

He recalled a 30-year-old man with a wife and child who fell from the top of a pyramid and was paralyzed from the neck down. There was little chance of recovery but the doctors stabilized his spinal column and decompressed the cord in the hope that he may one day be able to regain small neural functions like the ability to press a button. "The patient did not survive," recalled Srivastava, "he died in two-three months." He added that this is not so unusual as many quadriplegics die of respiratory paralysis. Most that do survive remain paralyzed for life.

It's not only those that participate who are at risk. People have got injured while commuting to the site as truck drivers ferrying the govindas are often drunk. One patient was a bystander watching the revelry when a pyramid collapsed on him.

Srivastava proposed that all the money spent on dahi handi celebrations should instead be put towards promoting competitive sports across Maharashtra. This may even result in a better medal tally at the next Olympics, he said.

‘केईएम’ मध्ये नववर्षात नव्या आरोग्यसुविधा

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मुंबई : देशाच्या कानाकोपऱ्यातून उपचारांसाठी येणाऱ्या लाखो गरीब पेशंटना केईएम हॉस्पिटलमध्ये नवीन वर्षात मोठे मेडिकल पॅकेज मिळणार आहे. सुमारे ४० कोटी रुपये खर्च करून केईएम हॉस्पिटल नव्या वर्षापासून वैद्यकीय सेवेचा पाया अधिक मजबूत करणार आहे. मेडिकल, सर्जिकल, न्युरोसर्जरी, एनआयसीयू अशा दहा अतिदक्षता विभागांच्या आधुनिकीकरणासह रक्तवाहिन्यांच्या विविध विकारांवरील उपचारांसाठी इंटरव्हेशनल रेडिओलॉजी डिपार्टमेंट हा संपूर्ण नवीन विभाग सुरू होत आहे. ब्रेन स्ट्रोकच्या पेशंटना या विभागामुळे जीवनदान मिळणार आहे. केईएम हॉस्पिटलच्या नव्वदीच्या



केईएममधील पेशंट (वार्षिक)	
ओपीडी पेशंट-	१९ लाख
इनडोअर पेशंट-	८४ हजार
लहान मोठी ऑपरेशन	८२ हजार
सुपरस्पेशलिटी ऑपरेशन	१० हजार

त्यामुळे वैद्यकीय सेवेच्या शिरपेचात मानाचा तुरा खोवला गेला आहे.

२२ जानेवारीला

९०व्या स्थापना

दिनांमिर्त इंटरव्हेशनल

रेडिओलॉजी डिपार्टमेंटचे

उद्घाटन होणार असून या

हॉस्पिटलच्या वैद्यकीय सेवेचा आखणी

एक नवीन अध्याय सुरू होईल. या

विभागात रक्ताच्या गुठळ्यांवरील

आजारांवर विनाऑपरेशन उपचार

होतील. रक्तवाहिन्यांमध्ये गुठळ्या

दहा अतिदक्षता विभागांचे आधुनिकीकरण

झाल्यावरची ऑपरेशन

अतिशय जोखमीची

असतात. पण

स्टेन्ट व बलूनच्या

सहाय्याने गुठळ्या

नष्ट करण्याचे तंत्रज्ञान

केईएममध्ये येऊ

घातले आहे. मेंदूला रक्त

पुरवठा करणाऱ्या वाहिन्यांमधील

गुठळ्या, रक्तवाहिन्यांमधील जन्मजात

व्यंग किंवा रक्तवाहिन्यांच्या इतर

विकारांवर उपचारांसाठी कोणत्याही

मोठ्या ऑपरेशनची गरज लागणार

नाही. रक्तवाहिन्यांच्या विकारांवरील उपचारांसाठी राज्यात प्रथमच असा विभाग सुरू होत आहे. खासगी हॉस्पिटलमध्ये या ऑपरेशनसाठी लाखो रुपये खर्च येतो पण केईएममध्ये अत्यंत कमी खर्चात ही ऑपरेशन होतील, असे हॉस्पिटलचे डीन डॉ. अविनाश सुपे म्हणाले.

नव्या वर्षातील वैद्यकीय सेवेच्या आधुनिकीकरणाचा एक भाग म्हणून मेडिकल, सर्जिकल, पेडीयाट्रिक, एनआयसीयू, न्युरोसर्जरी, अँनेस्थेशिया, गॅस्ट्रो आदी दहा वेगवेगळ्या आयसीयूचे आधुनिकीकरण होणार आहे. त्यात मल्टीपॅरामॉनिटर, व्हॅंटीलेटर अशी आधुनिक व अद्ययावत यंत्रसामुग्री बसवण्यात येणार आहे. यापूर्वी नवीन एमआरआय मशिन, हृदयरोगावरील उपचारांसाठी नवीन कॅथलॅब सुरू झालेली आहे.

केईएममध्ये रक्तातील पांढऱ्या पेशी काढण्याचे तंत्रज्ञान

म. टा. विशेष प्रतिनिधी, मुंबई

रक्तदात्याच्या रक्तातून केवळ पांढऱ्या पेशी काढून घेण्याचे तंत्रज्ञान केईएम हॉस्पिटलमध्ये उपलब्ध झाले आहे. संसर्ग झालेल्या एखाद्या पेशंटला संपूर्ण बाटली रक्त देण्याऐवजी केवळ ठराविक पांढऱ्या पेशी दिल्यास पेशंटची प्रतिकारशक्ती वाढण्यास या तंत्रज्ञानामुळे मदत होते.

रक्तदात्याकडून एक बाटली रक्त काढून घेतल्यावर त्यातील प्लेटलेट, प्लाझ्मा व असे घटक वेगळे काढून पेशंटला आवश्यकतेनुसार दिले जातात. रक्तातून फक्त प्लेटलेट काढून घेण्याच्या तंत्रज्ञानाला प्लेटलेट फेरेसीस म्हणतात. त्याच धर्तीवर रक्तातील काही विशिष्ट पांढऱ्या पेशी काढून घेण्याचे तंत्रज्ञान (ग्रॅन्युलोसाइट फेरेसीस) केईएम हॉस्पिटलच्या डिपार्टमेंट ऑफ ट्रान्सफ्यूजन मेडिसीनमध्ये उपलब्ध झाले



आहे. यात रक्तदात्याच्या रक्तातील काही ठराविक पांढऱ्या पेशी काढून उरलेले रक्त पुन्हा पेशंटच्या शरीरात सोडले जाते. केईएममधील एका पेशंटच्या रक्तातील पांढऱ्या रक्तपेशींचे प्रमाण अतिशय कमी झाले होते. त्यामुळे संसर्गाचा मोठा धोका निर्माण झाला होता. एका रक्तदात्याच्या रक्तातून या विशिष्ट पांढऱ्या पेशी काढून गरजू पेशंटला देण्यात आल्या. अशी सुविधा राज्यातील एकाही सरकारी किंवा पालिका हॉस्पिटलमध्ये उपलब्ध नाही. सध्या फक्त केईएम हॉस्पिटलमध्ये ही सुविधा उपलब्ध असल्याचे हॉस्पिटलचे डीन. डॉ. अविनाश सुपे यांनी सांगितले.

KEM notes patient's demand for change

Hospital to have table set up by Punjab National Bank and Postal Department to help needy patients exchange defunct ₹500 and ₹1,000 notes; other hospitals to follow suit soon

RUPSA CHAKRABORTY
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There is finally some relief for thousands of needy patients from civic hospitals who have been hit hard by the current cash crunch for their medicines and treatment. Starting with KEM hospital today, all other civic-run hospitals will soon have a table in their premises to help patients exchange the defunct ₹500 and ₹1,000 notes for treatment. The Punjab National Bank and Postal Department would be arranging the change for the patients after checking their documents and identity card.

"They had approached me with the request of providing them the space to help poor patients get change. I have approved it on Monday. They will check the documents of the patients with their identity proof and give changes as required," said Dr Anurash Sape, dean of KEM Hospital and director of major civic hospitals.

Other hospitals to follow

Other civic hospitals will also get such an arrangement soon. "The exchange limit has now been set at ₹4,500. So, patients can get exchange up to the limit, considering their requirements," said Dr Sape, adding, "I have asked all other civic hospitals to accept the offers from banks that want to open exchange counter in hospitals. It will be beneficial for patients."

Several hospitals and patients



Patients from KEM Hospital had thronged local pharmacies on November 9 after the hospital ran out of change.

'I have asked all other civic hospitals to accept the offers from banks that want to open exchange counter in hospitals. It will be beneficial for patients'

Dr Anurash Sape,
Dean of KEM Hospital and director of major civic hospitals

were inconvenienced after the Prime Minister's demonetisation announcement on November 8 and hundreds of them were forced to run from pillar to post to exchange their defunct ₹500 and ₹1,000 notes. Though the government had stated

in its circular that government and civic-run hospitals would take the old denomination for the 72 hours post the announcement, most of them ran out of ₹100 currency notes as they were not informed of the move beforehand.

रुग्णांच्या नातेवाईकांसाठी 'विसावा'

'केईएम'च्या आवारात पालिकेचे विश्रांतीगृह

म. टा. विशेष प्रतिनिधी, मुंबई

परळ येथील केईएम रुग्णालयात नातेवाईकांसाठी रुग्णालयाच्या परिसरात पालिकेने विसावा नावाचे विश्रांतीस्थळ बांधले आहे. यामध्ये नातेवाईकांना आराम करण्याबरोबरच शौचालय व स्नानगृहाची व्यवस्था केली आहे. या निवास व्यवस्थेमुळे केईएम रुग्णालयावरील ताण कमी होईल. मुंबई पालिकेच्या रुग्णालयात प्रथमच अशी व्यवस्था केली आहे.

केईएममध्ये

देशाच्या

कानाकोपऱ्यातून रुग्ण व त्यांचे नातेवाईक येतात. पण नातेवाईकांची राहण्याची व्यवस्था नसल्याने रुग्णालयाच्या आवारातच नातेवाईक झोपतात. रुग्णालयातच आंघोळ करतात व बॉईच्या बाहेर कपडे सुकवतात. त्यामुळे पालिकेच्या एफ उत्तर विभागाने पुढाकार घेऊन केईएमच्या मागील नर्सस वसतीगृहासमोर छोटेखानी इमारत बांधली असून त्याचे विसावा असे नामकरण केले आहे. त्यामध्ये नातेवाईकांना आराम करण्याबरोबरच स्वच्छतागृह, बाथरूम अशी स्वतंत्र



व्यवस्था आहे. या इमारतीवर अतिशय आकर्षक रंगसंगती केली आहे.

जे. जे. रुग्णालयाच्या आवारात रुग्णांच्या नातेवाईकांसाठी अशी स्वतंत्र व्यवस्था आहे. पालिकेच्या रुग्णालयात प्रथमच अशी सुविधा उपलब्ध झाली आहे. या संदर्भात केईएम रुग्णालयाचे डीन डॉ. अविनाश सुपे म्हणाले की, भविष्यात विसावा इमारतीमध्ये नातेवाईकांसाठी टेलीफोन सुविधा, सुरक्षा व्यवस्था तसेच नातेवाईकांना कमी दरात न्याहारी, जेवण अशी व्यवस्था करण्याची योजना आहे. यामुळे रुग्णालयाच्या व्यवस्थेवरील ताण कमी होईल.

KEM is first public hospital to donate heart to cadaver pool

Facilitates Year's 14th Transplant

Times News Service

Mumbai: It was a dramatic day for organ donation in the city, as Parel's KEM Hospital became the first public medical facility to donate a heart to the cadaver pool. An equally bigger feat probably was to transport the heart from Parel to Mumbai in 20 minutes covering 100 kms on Saturday afternoon.

It was also the first time ever that an autopsy was carried out inside the operation theatre at KEM Hospital by forensic medicine doctors to expedite the removal of organs. While the liver travelled to Auden's Hepatobiliary Hospital, one of the kidneys was shared with the nearby Global Hospital in Parel. The preserved heart went all the way to Madurai.

The heart left Parel at 3.30pm and travelled through a

SAVING LIVES

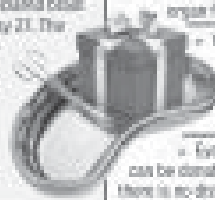
The donor, 60-year-old resident Stella Shingankar (94), was rushed to the KEM Hospital after a road traffic accident on May 21. She was declared brain dead on May 21. The family consented to donate her kidneys, heart and liver and saved four lives.

Cadaver donor here in 2016: **23**

Heart transplants: 14	Liver transplants: 23	Kidney transplants: 41
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ORGAN DONATION

- Organ donation is the only hope for organ failure patients.
- Initial organs like heart, liver, two kidneys, pancreas, intestines, lungs etc. can be donated if there is a brain death.
- Eyes, skin and other tissues can be donated after cardiac death; there is no disfigurement of the body.



green corridor that was created from Kharvelkar Chowk, Matunga, Slon, Vikhroli, Nihar to reach Parel Hospital in Mumbai at 4.30pm. The heart was transplanted into a 50-year-old woman from Slon who was suffering from dilated cardiomyopathy. Hospital authorities said that she was one of the five lucky recipients who

got an organ within a day after registering.

The donor who gave the heart fully a new lease of life and facilitated the city's 58th heart transplant was 60-year-old resident Stella Shingankar (94) who met with a road traffic accident last Sunday and was taken to the KEM Hospital. Her condition continued to deterio-

rate over the next few days.

"After doctors said that her condition was irreversible, we started talking to her husband and sons and informed them about organ donation. We told them how their own donation could change so many lives forever," said Stella's son, KEM's transplant coordinator. The family finally came around after two days and consented to donate her organs on Friday. They donated her heart, kidneys and liver.

With this, the cadaver donations for the city touched a healthy 23, which include 14 heart, 23 liver and 41 kidney transplants. "There is a tremendous effort being made in the public hospitals to contribute to organ donation. In KEM, we have been identifying brain donors regularly. Also, it is encouraging to see small cities like Pune, Agram and Nagpur making a contribution," said Dr Arunachal Sapra, dean, KEM Hospital. KEM had already been the first hospital in the country to accept a heart transplant in 1988.

PHOTO: KEM HOSPITAL; ILLUSTRATION: ANITA SHINGANKAR; INFOGRAPHIC: ANITA SHINGANKAR

रक्त संबंधी रोगियों को केईएम का उपहार शुरू हुआ डे-केयर वॉर्ड

सूरज पांडे / मुंबई

मनपा के केईएम अस्पताल में रक्त से संबंधित बीमारियों के रोगियों को जगह के अभाव के चलते इलाज के लिए बाहर जाना पड़ता है। मरीज जैसे-तैसे अस्पताल में अपना इलाज करवाते हैं लेकिन अब मरीजों को बाहर जाने की जरूरत नहीं पड़ेगी। इस समस्या से निपटने के लिए केईएम अस्पताल ने मरीजों के लिए विशेष डे-केयर वॉर्ड का उद्घाटन किया है।

केईएम अस्पताल में थैलेसीमिया, ब्लड कैंसर और

हिमोफिलिया जैसे कई अन्य प्रकार के रक्त संबंधित रोगों का उपचार किया जाता है। इन रोगियों को कीमो थेरेपी के साथ रक्त भी चढ़ाना पड़ता है, इसके बाद इन्हें दवाइयां भी दी जाती हैं। अस्पताल में उक्त रोगों के लिए एक फ्लोर का आधा हिस्सा दिया गया है जिसमें बच्चों के लिए विशेष वॉर्ड भी उपलब्ध है लेकिन वयस्क मरीजों को जगह के अभाव के कारण ट्रॉली पर या फिर वॉर्ड के बाहर बैठकर अपना इलाज करवाना पड़ता है। केईएम की हिमेटोलॉजी विभाग प्रमुख डॉ.

चंद्रकला ने बताया कि वर्तमान में केईएम में थैलेसीमिया से ग्रसित आनेवाले रोगियों में 60 वयस्क और 210 बच्चे हैं। जगह के अभाव के कारण मरीजों को काफी दिक्कत होती थी लेकिन डे-केयर वॉर्ड के शुरू होने से रोजाना 50 मरीजों का उपचार किया जा सकता है। यह वॉर्ड सुबह 8 बजे से शाम 6 बजे तक खुला रहेगा। अस्पताल के डीन अविनाश सुपे ने बताया कि डे-केयर के खुलने से मरीजों को बेहतर सुविधा व उपचार मिलेगा।

With two 15-storey towers, KEM set for a big makeover

In its new avatar, the facility will have 2,200 beds, up from present 1,800

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Parel's KEM Hospital is all set for the biggest makeover in its history of 90 years. The space-starved centre will soon start work on two 15-storey towers to accommodate the increasing number of departments as well as patients. With the expansion, the hospital will also make space for at least 400 more beds.

The main campus is spread over 16 acres and has three sections. It houses the main heritage building, the new hospital building along with staff quarters, resident doctors' hostel and nurses' quarters.

The second section is the orthopaedic building that is right opposite the Tata Memorial Hospital. It is spread across 2.5 acres of land. The third section is the cardiac, vascular and thoracic (CVTC) surgery department that is right across the main campus.

"The heritage committee has allowed us to construct a tower at the back of the orthopaedic building and another one in the main campus," dean of KEM Hospital, Dr Avinash Supe told *Mumbai Mirror*.

The BMC's hospital infrastructure cell is developing a layout and work will begin soon, said Supe adding that the entire project will cost up to Rs 300 crore.

The plan is to first start work for the multi-story building in the orthopaedic campus. This will be for residential purposes. Once ready, the staff from the quarters in the main campus will be moved here. "The staff quarters are ground plus one structures that will be razed to make more space," he said.

The Medical Council of India had asked the hospital to make an



The Rs 300-cr project, 'Vision 100', is expected to be completed in four years

examination hall. In the new project, the hospital also plans to get a convention centre cum hall in the main campus.

Supe said the expansion has become essential as the hospital is gradually becoming a nodal centre for various medical arms of the government of India. Work for a central research laboratory, a multi faculty research unit is underway.

The hospital has been declared as the resource research centre of the National Knowledge Commission for the western region and it has also been recognised as the Regional Organ and Tissue Transplant Organisation and the State Organ and Tissue Transplant Organisation.

"All of this will require a lot of space. We are already handling huge patient load and more space will come handy," said Supe adding

that the second tower in the main campus will accommodate the entire psychiatry department and wards, blood banks, pharmacy and other departments.

The hospital is currently an 1800-bed facility and has an administrative sanction to add 400 more beds. The remaining space in the new tower could be used for adding more beds. Annually, the hospital gets 19 lakh out-patient department patients, 83,000 admissions and carries out over 70,000 surgeries.

Started in 1926, the hospital completed 90 years this year. The makeover plan is being termed as 'Vision 100'. While the work will complete in the next four years, when the institution celebrates the centenary year, it will be a state-of-the-art superspecialty cum research centre.

UNIVERSAL EDITION

सामना

सर्वासाठी सर्वकाही

जगातील सर्वाधिक
चर्चिते जाणारे
एकमेव वृत्तपत्र

नोटा बदलण्यासाठी केईएम रुग्णालयात काऊंटर

पंजाब
नॅशनल बँक,
पोस्टाचे
सहकार्य



मुंबई, दि. १५ (प्रतिनिधी) - नोटा बदलण्याच्या निर्णयामुळे रुग्णालयात रुग्णांना त्रासाला सामोरे जावे लागत आहे. यावर केईएम रुग्णालयाने शक्कल लढविली आहे. पंजाब नॅशनल बँक तसेच पोस्ट यांच्या सहकार्याने रुग्णालयात नोटा बदलण्यासाठी काऊंटर सुरू करण्यात आले आहे. यामुळे रुग्ण व त्यांच्या नातेवाईकांना मोठा दिलासा मिळाला आहे.

रुग्णालयाचे अधिष्ठाता डॉ. अविनाश सुपे यांनी ही संकल्पना मांडली आणि प्रशासन कामाला लागले. त्यानुसार पंजाब नॅशनल बँक आणि पोस्ट खात्याला रुग्णालयाच्या आवारात एक्स्चेंज काऊंटरसाठी जागा देण्यात आली. केईएम रुग्णालयात सुरू करण्यात आलेल्या काऊंटरमुळे रुग्णांना त्याचा लाभ झाला. या उपक्रमाला चांगला प्रतिसाद मिळाला. पंजाब नॅशनल बँक आणि पोस्टाने अशाच प्रकारे तयारी दाखविली तर अन्य पालिका रुग्णालयांतही असे काऊंटर सुरू केले जातील, असे वैद्यकीय शिक्षण संचालक डॉ. अविनाश सुपे यांनी सांगितले.

CITYwww.mumbaimirror.com/mumbai

Brain-dead woman saves four

Mumbai Mirror Bureau
@timesgroup.com

TWEET @MumbaiMIRROR

A 49-year old woman, who was declared brain dead after suffering head injuries in a road accident, has saved four critically ill patients after her family donated her heart, liver, and kidneys.

The deceased, Shaila Shingankar, also became the first

patient whose heart was retrieved at the civic-run KEM hospital.

Dr Avinash Supe, dean of KEM Hospital, said the heart was donated to a 50-year-old woman from Surat, who had admitted to Fortis Hospital.

Shingankar's liver was donated to a patient at Kokilaben Ambani Hospital, and her kidneys were transplanted in patients at KEM and Global hospitals.

FIRST DEATH ANNIVERSARY

KEM nurses pen their memories of Aruna



■ Staff at KEM hospital pay their respects to Aruna Shanbaug on her first death anniversary on Wednesday.

BHUSHAN KOYANDE

HT Correspondent

■ hmetro@hindustantimes.com

MUMBAI: Nurses at KEM Hospital, Parel, observed the first death anniversary of Aruna Shanbaug, who had spent over 40 years at the hospital after a sexual assault left her paralysed, by bringing out a booklet in which they penned down memories of their former colleague.

The nurses had cared for Shanbaug in a small room in the hospital. "Nursing students, who have completed their studies at KEM Hospital over the last 42 years, have got an opportunity to serve her. I am one of them. Getting an opportunity to serve her was

a matter of pride," Arundhati Velhal, matron, KEM Hospital, wrote in the booklet.

Shanbaug was raped and assaulted by a ward boy in the hospital's basement in 1973, rendering her semi-comatose for 42 years. She died at the age of 68, on May 18 past year, at the hospital.

"I was a first-year student at KEM when the incident took place. She was admitted in ward number 4. All the nurses who were posted in that ward would take turns to give her a sponge bath, wash her hair, and feed her," said Geeta Dahanukar, senior staff nurse. "She was extremely fond of eating non-vegetarian food and used to love having fish soup."

According to nurses, Shanbaug's condition began to deteriorate from 1995. "For the first twenty years, Shanbaug would often react with a huge smile, every time a nurse called out her name," said Reema Pawar, sister-in-charge, Ward 21.

The hospital has decided to start a library, to be named after Shanbaug, and a gymnasium for nurses, from a fund that they received from Shiv Sena MLC, Neelam Gorhe.

"We plan to start a library and also improve the gymnasium in the KEM hospital from the fund worth Rs5 lakh, that we will be receiving," said Avinash Supe, dean of the hospital.

जन्मजात बहिरेपणावर शेतकऱ्याच्या मुलाची मात

'केईएम' मध्ये
अत्याधुनिक
'बाहा' तंत्रज्ञानाने
शस्त्रक्रिया

मुंबई, दि. २ (प्रतिनिधी) - लातूरमधील शेतकरी राजेश वडासकर यांच्या आयुष्यात ऐन दुष्काळातही आनंदाची बाब घडली ती म्हणजे जन्मजात बहिरेपणा आलेल्या त्यांचा मुलगा गणेश याला स्पष्ट ऐकू येऊ लागले आहे. पालिकेच्या केईएम रुग्णालयात झालेल्या शस्त्रक्रियेने हे शक्य झाले आहे. गणेशावर अत्याधुनिक 'बाहा अँड्रॅक्ट' तंत्रज्ञानाने करण्यात आलेल्या शस्त्रक्रियेने राजेश वडासकर यांना दुष्काळातही दिलासा मिळाला आहे.

गणेशाला लहानपणापासूनच बहिरेपणा आला होता. राजेश वडासकर यांना सोलापूरमधील मेंदुरोगतज्ज्ञ डॉ. शिरीष वल्संगकर यांनी ऑस्ट्रेलियातील डॉ. रॉबर्ट यांच्याशी दूरध्वनीवर घेतलेल्या माहितीनंतर केईएम रुग्णालयात जाण्याचा सल्ला दिला. त्यानुसार २०१२ साली केईएम रुग्णालयात ईएनटीतज्ज्ञ डॉ. हेतल माफातिया यांच्या मार्गदर्शनाखाली उपचाराला सुरुवात झाली. बाहा तंत्रज्ञानाच्या श्रवण उपकरणांसाठी सुमारे पाच लाखांचा खर्च अपेक्षित होता. रुग्णालयातील डॉक्टर, समाजसेवक यांच्या मदतीने राजेश यांनी शस्त्रक्रियेसाठीचा निधी स्वयंसेवी तसेच ट्रस्टच्या माध्यमातून जमवला. फेब्रुवारी २०१६ मध्ये डॉ.



■ गणेशाला आता स्पष्ट ऐकू येतेच

कानातील हाडाच्या मागे केसांच्या आत हे उपकरण लपवून जात

May 29 2016 : The Times of India (Mumbai)

KEM is first public hospital to donate heart to cadaver pool

Mumbai:
TIMES NEWS NETWORK

Facilitates Year's 14th Transplant

It was a dramatic day for organ donation in the city , as Parel's KEM Hospital became the first public medical facility to donate a heart to the cadaver pool. An equally bigger feat probably was to transport the heart from Parel to Mulund in 20 minutes covering 24km on a Saturday afternoon.

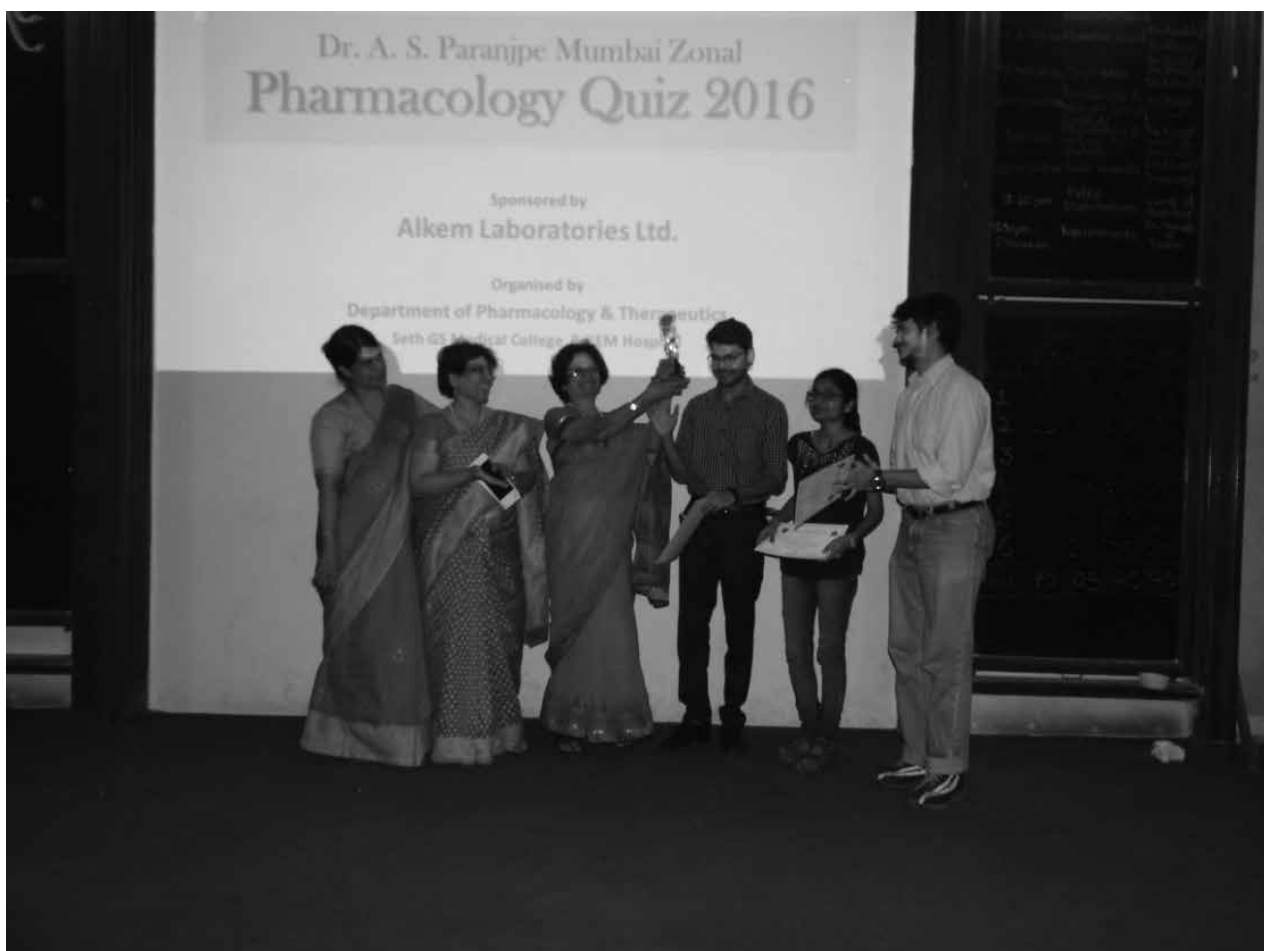
It was also the first time ever that an autopsy was carried out inside the operation theatre of KEM Hospital by forensic medicine doctors to expedite the retrieval of organs. While the liver travelled to Andheri's Kokilaben Hospital, one of the kidneys was shared with the nearby Global Hospital in Parel. The preserved heart went all the way to Mulund.

The heart left Parel at 3.32pm and travelled through a green corridor that was created from Khanolkar Chowk, Matunga, Sion, Vikhroli, Nahur to



New 2/3 Bt

Tallest Project in Northern Murr



केईएमची माहिती ॲपवर

म. टा. विशेष प्रतिनिधी, मुंबई

राज्यासह देशाच्या वेगवेगळ्या भागातून परळच्या केईएम रुग्णालयात येणाऱ्या रुग्णांची आवश्यक डॉक्टर, विभाग, वेळा शोधण्यासाठी होत असलेली धावपळ लक्षात घेऊन परळच्या दोन मराठमोळ्या तरुणांनी 'डॉक्टर ओपीडी' नावाचे स्मार्टफोन ॲप तयार केले आहे. यावर केईएम रुग्णालयातील प्रत्येक वॉर्डचा नकाशा, इजमन्सी सेवा, विभागप्रमुखाचे नाव, डॉक्टरांच्या वेळा, चाचण्यांचे शुल्क, आजारांविषयी जनजागृती व उपचाराबाबतचे व्हिडीओ अशी इत्थंभूत माहिती मोबाइलवर उपलब्ध करून दिली आहे. पालिकेच्या रुग्णालयाची एकत्रित माहिती देणारे हे पहिलेच ॲप आहे.

केईएम परिसरातील विकास वराडकर व प्रमोद वराडकर हे बंधू आपल्या सेवा फाउंडेशनच्या वतीने गेल्या वीस- पंचवीस वर्षांपासून केईएममध्ये उपचारांसाठी येणाऱ्या रुग्णांना सर्व प्रकारची मदत करीत आहेत. त्यांना रुग्णालयाच्या प्रत्येक वॉर्डची खडानखडा

माहिती आहे. पण केईएम रुग्णालयाचा आवाका प्रचंड आहे. नवीन व्यक्ती रुग्णालयात गेल्यावर गोंधळून जाते. त्यामुळे रुग्णांना मार्गदर्शन करण्यासाठी त्यांनी स्वतःच्या खिशातून पैसे खर्च करून 'डॉक्टर ओपीडी' नावाचे ॲप तयार केले आहे. कोणताही व्यावसायिक हेतू न ठेवता गेले दीड वर्ष प्रचंड मेहनत घेऊन हे ॲप तयार केले.

या ॲपवरच्या पहिल्या पानावर रुग्णालय, वैद्यकीय विभाग, डॉक्टर, वॉर्ड ओपीडी सेवा, रुग्ण माहिती पट हा व्हिडीओ विभाग, सेवा फाउंडेशनची माहिती, मान्यवरांचे मत व इजमन्सी सेवा असे विभाग आहेत. केईएममध्ये पन्नासहून अधिक वॉर्ड आहेत. त्यांचा नकाशा, ओपीडीमधील डॉक्टरांच्या वेळा, विविध आजार, त्यावरचे उपाय, नर्सिंग ब्युरो, अंत्यसंस्कार, व्यसमुक्ती केंद्र, वैद्यकीय प्रमाणपत्रे अशी रुग्णांना सर्व आवश्यक माहिती ॲपवर आहे. गुगलवर प्ले स्टोरवर 'DR OPD' हे ॲप डाऊनलोड करता येईल. लवकरच या ॲपवर नायर व सायन रुग्णालयाची माहिती उपलब्ध होणार आहे.



केईएम रुग्णालयाचे डीन डॉ. अविनाश सुपे यांनी या ॲपला संपूर्ण सहकार्य केले आहे. येत्या २१ जानेवारीला केईएमचा स्थापना दिवस आहे. डॉ. सुपे यांच्या सुचनेवरूनच स्थापना दिनी या ॲपचे लोकार्पण होणार आहे.

Looking Ahead

Looking Ahead

Anatomy

- Modernization of Anatomy lecture theatre with the help of National Medical Colleges Network (NMCN) to facilitate e-learning and tele-education
- Air-conditioning of Dissection Hall, Microanatomy Laboratory, Anatomy Lecture Theatre with Laminar Airflow Systems
- Installation of surveillance cameras and CCTV monitoring of lecture theatres, laboratories and departmental corridor (for security)
- Preparation of e-learning modules for microanatomy and gross anatomy for First MBBS students

Anesthesia

- Advanced equipment in all OT complexes
- Essential equipment in ORS with anticipated bleeding
- Development of infrastructure [induction room, procedure room, step down HDU among others]
- Transport equipment
- Resuscitation services in all wards
- Post Anaesthesia Care Unit and equipment therein
- Dedicated obstetric ICU
- Labor analgesia
- Video projection facilities
- Additional courses
- Simulation studio

Biochemistry and Clinical Nutrition

- To introduce Hospital Management Information system for improvement of turnaround time and easy accessibility of patient data.
- Patient care: To introduce local area network for accessibility of reports.
- To align emergency and central clinical biochemistry laboratories.
- Education: To introduce early clinical exposure to facilitate self-study, adult learning and enhance communication skills, to sustain vertical & horizontal integrated teaching.
- Research: To procure equipment for conducting research and to collaborate with national and international agencies to diversify and upgrade research activities.

Cardiology

- A second state of the art Cath lab, advanced live 3D Echo & Color Doppler machine, Anesthesia Workstation and Multipara monitors are expected to be installed, taking the diagnostic and therapeutic armamentarium to new heights.
- With new State of the art Cath Lab which is soon to come, the primary angioplasty programme is bound to flourish.
- We are looking ahead to acquire new state of art OCT machine which will improve our interventional procedure success. And we are also soon to acquire new ACT machine.

Chest Medicine

- National environmental Lung Health Institute transdisciplinary translational approach to lung health.
- Establishment of DM (Pulmonary Medicine) and Diploma in Allergy & Immunology

Clinical Pharmacology

- To develop therapeutic drug monitoring for voriconazole, meropenem and vancomycin to individualize drug treatment.
- To establish a routine patient care clinic for patients who are on warfarin therapy
- Use telemedicine facilities to strengthen Adverse Reactions Monitoring

Community Medicine

- Wi-Fi connectivity to the department
- Rural health training centres of the department to be connected through Telemedicine of KEM Hospital.
- Expansion of departmental website.
- Attended meeting with Director ME & MH for starting de-addiction centre at Malvani Urban Health centre
- Advocacy meeting with MLSM NGO for MDT of leprosy patients.

CVTS

- Expansion of the facilities

Dermatology

- Patient Care- Inclusion of more diseases in Rajiv Gandhi Yojana.
- Strengthening Services in OPD, IPD and Department.

Dentistry

- Dental camp for municipal school children.
- Special Dental care and management of pregnant females.
- Plan to conduct an Anti-Tobacco campaign.
- Research: To conduct a cross sectional study to determine the prevalence of dental caries and its relationship to oral hygiene knowledge and practices of 8-12-year-old children.
- Installation of a state of the art Dental RVG machine to take electronic dental X-rays.

ENT

- To develop surgical skill development lab in collaboration with Forensic Pathology Department.

Forensic Medicine

- One point crises center of Excellence for Survivors of Sexual Assault

Gastroenterology

- Establishment of a Liver ICU in coordination with Department of GI surgery for better management of patients with acute liver failure and post liver resection surgeries.

Hematology

- Dedicated bone marrow transplant set up
- Expand Laboratory services
- Upgradation of Hematology day care

Medicine

- Further strengthening of EMS services
- Acquire two more ABPM machines for the Hypertension OPD
- Digitalization of Hypertension OPD
- Start DM critical care and DM Infectious diseases

Microbiology

- Strengthening of Mycobacteriology laboratory for performing liquid culture and drug susceptibility testing accredited by Central TB Division

Neonatology

- Initiation of Newborn Screening in MCGM
- Establishment of Emergency Neonatal Care services
- Initiation of Community based Kangaroo Mother Care.
- Up gradation of Human Milk Bank

Nephrology

- Nephrology Department plan to expand deceased donor program.
- CAPD program.
- Plan to have expansion of Pediatric Nephrology Clinic.
- Diabetic Kidney disease Clinic.
- Establish Two units in Nephrology.
- Computerization Nephrology record.
- Establish Maintenance Haemodialysis Program.
- Interventional Nephrology to be expanded.

Neurology

- Setting up of a stroke care unit

Neurosurgery

- New operating microscope
- Instrumentation for better intra-op imaging

Nuclear Medicine

- *Patient care:* starting PET/CT based investigations, Starting Lu-177 based therapies for neuroendocrine tumours
- *Education:* Starting MD in Nuclear Medicine, Starting MSc in Nuclear Medicine
- *Research:* Radiation synovectomy for hemophilic patients, PET/CT based myocardial perfusion and viability studies, PET/CT in infection and PUO.

Nursing

Short term certificate course for Nurses to be started in

- Paediatric Nursing
- Infection Control
- ICCU Training
- Infection Control
- ICCU Training
- Continuous practices of Meditation , Library and GYM
- Medical check up for early detection of Cancer by Sonography and Mamography. And Bone Density for above 40 yrs of age amongst nursing staff.

Obstetrics and Gynecology

- Ovarian transplant

Occupational Therapy

- *Patient care:* The department has a vision of establishing a state of art department of Occupational Therapy reflecting the latest trends and technological care imparted by the professionals, improvised over the last 66 years. We also wish to set up a unique rehabilitation care center for the physically and mentally handicapped with facility of disability evaluation, driving evaluation and visual rehabilitation. We wish to incorporate an orthotic and prosthetic department at the Occupational Training School & Center of Seth G. S. Medical College and K. E. M Hospital.
- *Education:* We wish to develop E-learning programs for distant learning and education. We also wish to start integrated Masters Program and Short Certificate Courses at the University Level.
- *Research:* The objectives of research have always been a part of the student programs. We look forward to collect data for standardizing scales on the Indian population in different fields of Occupational Therapy for the purpose of assessment & intervention.

Ophthalmology

- Acquisition of speciality surgical instruments

Orthopedics

- Establishment of paraplegic rehabilitation center
- Establishment of dedicated intensive care unit with bed capacity of 8 beds for only orthopedics management.
- Upgradation of operative rooms with navigation, neuromonitoring, power instruments and cell saver.
- To start MUHS recognized fellowships in the subspecialty of Spine, Arthroplasty and Arthroscopy.
- Apart from PG training course which was first initiated in 2015, the department is planning to start 2 days intensive orthopedics course for undergraduates.

Pathology

- Upgradation of Surgical Pathology with odourless grossing station and fully automated laboratory and expansion of IHC panel
- Automation of urine examination using urine analyser
- Continue up-gradation of hematology services with additional automated analysers
- Initiation of immunocytochemistry on FNAC slides and cell blocks
- Enhancing cytological techniques with liquid based cytology for thyroid FNAC
- Creating a seminar room in the CVTC laboratory 116 to hold teaching sessions for residents in Cardiology, Cardiac Surgery & Chest Medicine.
- Creation of a museum in CVTC laboratory 116 for display of mounted and wet specimens of hearts and lungs.
- Modernization of museum.

Pediatric Surgery

- Plan to start comprehensive Paediatric Endourology Setup.
- Modular OT set up to be established
- Paediatric urology clinic

Pediatrics

- Initiation of new Pediatric Gastroenterology OPD.
- Increase in teaching units from 3 to 4.
- Upgrading bed strength of Pediatric ICU to 20 beds (from present 9 beds).
- Initiation of Fellowship Programs in Pediatric Neurology & Learning Disabilities.
- Establishment of Core Committee to monitor the on-going research projects in the Pediatric Department.
- Renovation and restructuring of Pediatric Research laboratory (PRL) with more emphasis on research in rare inborn errors of metabolism.

Pharmacology and Therapeutics

- Procuring atomic absorption spectrophotometer for heavy metal detection
- MCQ booklet for undergraduate students
- Developing alternatives to animal experimentation
- Establishing Training Centre for Animal and Clinical Research
- Upgradation of cardiovascular pharmacology research facilities in the Department of Pharmacology and Therapeutics
- Upgradation of animal house facilities

Physiology

- Intend to develop an efficient Exercise Physiology laboratory
- To acquire and upgrade existing equipment for the purpose of research.

Physiotherapy

- Core strengthening for obese women
- Rehabilitation program for GBS patients
- Scapular control training for shoulder joint dysfunctions.
- Proximal Stability Control in Knee Osteoarthritis

Plastic Surgery

- Starting fellowship in Hand surgery and microsurgery
- Starting Vascular anomalies joint clinic with radiology
- Start collaboration with other institutes (like Wadia, Tata Hospital) to let our students rotate there for exposure to different subspecialties like paediatric Plastic Surgery and Oncosurgery

Psychiatry

- Project – Drug Treatment Centre (DTC) Scheme, Treatment of Substance Use Disorders in India by MOHFW
- Deaddiction Centre of Department of psychiatry is a Regional Resource and Coordination Centre for the DTC Scheme of Ministry of Health and Family Welfare. 3 DTCs have been started last year. In the coming year, 4 more Drug Treatment Clinics are planned in the west Region.
- National Survey of extent & pattern of Substance Use in India. Project funded by Ministry of Social Justice & Empowerment, Govt of India. Objective of the project is to provide the estimates of proportion and absolute number of users & dependent individual in all states / UTs at the national level in India. Deaddiction Centre, KEM is one of the RTAs (Regional Technical Agencies)

Radiology

- Installed a new Biplane DSA Machine for treatment of Vascular and Non-vascular Diseases in a Minimally Invasive manner.
- The Department will also commission a State-of-art Digital (DRF) Fluoroscopy Machine for diagnosis of Gastro-intestinal studies.
- The EMS will be equipped with a Ultra Fast 160 slice CT Scan Machine and Portable Digital CDR X-ray Machine.

Social Services

- Identify and tap new donors for the benefit of patients and patient care.
- In-house training programme and lectures for CDO's

Surgery [General Surgery]

- Increase in the number of OTs
- Dedicated OT for laproscopic surgery
- Procuring 3D laproscopic set
- Set up robotic surgery

Surgical Gastroenterology

- To strengthen our Liver Transplant and Bariatric/ Metabolic Surgery Program.
- To start Telemedicine Clinics with links with other GI surgery Departments in India.
- To collaborate with AIIMS, and ICMR in the upcoming research projects, to start Robotic Surgery

Transfusion Medicine

- Full automation in ELISA testing
- Full automation in Component extraction.
- Computerization in Blood Bank
- To increase voluntary blood collection to 50,000 annually.
- Continuation of NABH Accreditation
- To implement Hemovigilance programme of India constituted by National Institute of Biologicals, Ministry of Health and Family Welfare, Govt. of India.
- To conduct Blood Bank Training Programme for West, Central Zones as per Apex Training Centre.

Urology

- Setting up of patient data archiving system (operative and clinical).
- As a centre for training in urology recognized for fellowship by SIU.
- Publication of book on instrumentation.
- Cadaver Retrieval Workshop
- “Urinary Diversion” Workshop
- Indo-Us collaboration for organ transplant.
- MUHS recognized courses for Urology OT Technician and Transplant Anesthesia
- Paper less work in Department.

Committees, Societies, Services and Publications

Committees, Societies, Services and Publications

Academic Committee

January – December 2016

The Academic Committee of the institute meets under chairmanship of the head of the institute to discuss the issues arising in the local educational scenario and to take policy decisions for the transaction of the curriculum. The current composition of the Academic Committee is as follows:

Chairpersons: Dr. Avinash Supe, Dean, Seth GS Medical College & KEM Hospital

Secretary: Dr. N. N. Rege, Professor & Head, Dept. of Pharmacology & Therapeutics

Sr. No.	Name of Academic Committee Members	Occupation & Designation
1.	Dr. Sucheta P. Dandekar	Professor & Head, Dept. of Biochemistry
2.	Dr. Pritha S. Bhuiyan	Professor & Head, Dept. of Anatomy
3.	Dr. Dhangaure Shenvi	Professor & Head, Dept. of Physiology
4.	Dr. Amita Joshi	Professor, Dept. of Pathology
5.	Dr. Preeti Mehta	Professor & Head, Dept. of Microbiology
6.	Dr. Sandhya Kamat	Professor, Dept. of Pharmacology & Therapeutics
7.	Dr. Smita Divate	Associate Professor, Department of Pathology
8.	Dr. Amar Pazare	Professor & Head, Department of Medicine
9.	Dr. Nitin Karnik	Professor, Department of Medicine
10.	Dr. Alka Gupta	Professor, Department of Obstetrics & Gynecology
11.	Dr. Mrudula Solanki	Associate Professor, Department of PSM
12.	Dr. Nilam Sathe	Asst. Professor, Department of ENT
13.	Dr. Ajita Nayak	Associate Professor, Department of Psychiatry
14.	Dr. Mohan Desai	Professor, Department of Orthopedics
15.	Dr. Nalini Shah	Professor & Head, Department of Endocrinology
16.	Dr. DV Kulkarni	Associate Professor, Department of CVTS
17.	Dr. Sujata Patwardhan	Professor & Head, Department of Urology
18.	Dr. Nithya Gogtay	Associate Professor, Department of Clinical Pharmacology
19.	Dr. Bhavana Mhatre	Associate Professor, Department of PT
20.	Dr. Amita Athavale	Professor & Head, Department of Chest Medicine & EPRC
21.	Dr. Snehal Desai	Associate Professor, Department of OT

In the year 2016, 7 meetings of the Academic Committee were held. Following points were discussed:

- The members deliberated on the issues related to the academic programs and the necessary actions were taken.
- Summer school in oncology at Tata Memorial Centre Mumbai in collaboration with King's college, London: Selection residents and students: The application forms of the undergraduate and postgraduate students were reviewed. List of 8 postgraduate students and 15 undergraduate students was forwarded to Tata Memorial Centre. Of these, 15 students (10 UG and 5 PG) were selected for the course and successfully completed the same.
- Mr. Manan Arora and Mr. Saad Ahmed were selected for four weeks Internship at Kings College, London.
- Dr Yuvraj Bhosale, Department of Anatomy and Dr Yashasri Shetty, Department of Pharmacology & Therapeutics were selected by the Committee for Best Teacher award and Mr Arnav Tongaonkar and Mr Sushrut Ingawale for Best Students award and their applications were forwarded to the University.
- Dr. Arnav Tongaonkar, intern was nominated for Shatayushi award for best student. He bagged the award.
- Complaint regarding negligence exhibited by resident in patient care was reviewed. A warning letter duly signed by the Dean was issued. The resident agreed to improve the behavior.
- Mr. C.S. Pasupathy expressed his wish of institution of an award for M.sc Biochemistry, which was accepted.
- A letter by General Practitioners' Association letter expressing a desire to hold training program in KEM for GPs was deliberated upon. The Association was informed that the interested General practitioners holding MBBS degree can apply for observer ship program in the department of his/her own interest.

- MUHS had sought an explanation regarding complaints from a student. Academic Committee referred the matter to the Grievance Committee. Meetings were held with the student and her guardians and teachers. The finding along with recommendations were reported to the University.
- New scheme for extramural education by MUHS was discussed. It was decided to apply for the same for Medical Humanity Cell activities.
- The performance in internal assessment & attendance of MBBS students was reviewed to decide names of the students for whom hall tickets would be withheld.
- Health issues of the undergraduate student was discussed. The student was directed to complete the ward postings and lectures in the subject to fulfill University eligibility criteria for attending examination.
- MUHS Fellowship course: After deliberation measures and systems were suggested to overcome the difficulties encountered.

Following member of the Academic Committee has been superannuated in 2016:

Dr. Jayashree Gadkari.

- Student's Grievance Committee:

Coordinator: Dr. Amita Joshi, Professor, Dept. of Pathology

Established: April 2010

Student's Grievance Committee deals with the complaints of students. Dr. Amita Joshi coordinates these meetings. The current composition of the Student's Grievance Committee is as follows.

Sr. No.	Name of Student's Grievance Committee Members	Occupation & Designation
1.	Dr. Jayashree Gadkari	Professor & Head, Dept. of Physiology
2.	Dr. Alka Gupta	Professor, Department of Obstetrics & Gynecology
3.	Dr. Bhavana Mhatre	Associate Professor, Department of Physiotherapy School & Centre
4.	Dr. R. R. Shinde	Professor & Head, Dept. of Preventive & Social Medicine
5.	Dr. Santosh Salagre	Associate Professor, Department of Medicine
6.	Dr. Aparna Deshpande	Professor, Department of General Surgery
7.	Dr. Snehal Desai	Assistant Professor, Dept. of Occupational Therapy School & Centre

Animal Ethics Committee [Institutional]

The Institutional Animal Ethics Committee (IAEC) functions according to the guidelines laid down by the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA). The Seth GS Medical College and KEM hospital is registered with the CPCSEA for the purpose of 'Breeding and Research on animals' (Registration no.:60/PO/ReBi/S/99/CPCSEA).

Current office bearers are Dr. Sucheta P. Dandekar [Chairperson cum Scientist], Dr. Sandhya K. Kamat [Member Secretary cum Biological Scientist], Dr. Madhav J. Sathe [Scientist from different biological discipline], Dr. Nirmala N. Rege [Scientist in charge of Animal-house facility], Dr. Arun D. Khirsagar [Veterinarian], Dr. Geeta R. Vanage [Main Nominee, CPCSEA], Mr. Arjun D. Shinde [Link Nominee, CPCSEA], Dr. Madhumanjiri M. Gatne [Scientist from Outside the Institute] and Mr. Atulkumar V. Shah [Socially aware member].

The IAEC held 2 meetings as per the CPCSEA norms this year and approved 10 projects in 2016. It also reviewed the progress reports of 13 ongoing projects and 4 project completion reports.

Department Development Fund

The trust is set up to aid and support growth of scientific research in and development and efficient running of various departments with an ultimate goal to augment of patient care facilities in K. E. M. Hospital with up-to date and modern equipments & instruments and to attend to and take of the patients. Current office bearers are Dr. Milind Nadkar (Secretary), Dr. Preeti Mehta, Dr. Hemangi Warke, Dr. Padmaja Marathe, Dr. Pragati Sathe and Dr. Rashmi Patil. 11 meetings were held throughout the year.

- Several departmental educational activities were supported by DDF like CME on Cytopathology, Three days' Workshop on "Autopsy of Dept of pathology; 7 Research Methodology workshops for DNB students by Dept of Clinical Pharmacology; PG Training Course of Dept of Orthopedics; Workshop in EUS & Hepatology Quiz by Dept

of Gastroenterology; Good Clinical Laboratory Practices workshop of Dept of Biochemistry and Symposium on Integration of Genomics in Clinical Practice of Dept of Pediatrics.

- Trust also provided internet connection to several Departments (e. g. Dean, Dean Residence, PA to Dean, Student Section, Nurses Home, Superior Establishment) AE (M&E).
- Trust has received donations for research projects of departments of Psychiatry, Hematology and Clinical Pharmacology which are ongoing.
- Categories of this year's awards given by the Trust include:
 - o Dr. Nina Dahejia Prize: Interns of G. S. Medical College
 - o Dr. L. H. Hiranandani Prize: 3rd M.B.B.S Student (ENT)
 - o Dr. Geeta Rao Memorial Prize: MS (Surgery)
 - o Dr. V. H. Muzumdar: Final MBBS students (Ophthalmology), MD Obstetrics and Gynecology.
 - o Dr. G. S. Ambardekar: MD (Anesthesia) & Diploma in Anesthesia
 - o Silver Jubilee: Occupational Therapy
 - o Dr. V. G. Rao: PSM for 1st & 2nd highest the final MBBS Exam.
 - o Pandurangi Award: Orthopedic –Best Resident.

The following is the income of the Trust:

Sr. No	Name	Income Donation/Grants
1.	Patient Care	6,01,872.00
2.	Research	8,95,203.85
3.	Training Programs/workshop	10,33,414.00
4.	Awards	8,480.00

Diamond Jubilee Society Trust

Introduction

The Seth GS Medical College and KEM Hospital, Diamond Jubilee Society Trust was established in 1989 with the following objectives:

- To undertake scientific, social and statistical research in the field of health, medicine and applied sciences. Benefits arising out of results of the research undertaken by the trust would be extended to the poor and needy sector of the community, especially the slums dwellers and the working class in textile and other industries in Mumbai, catered by our public hospital as well as to the patient population at large.
- To promote medical education and to continually offer opportunities of upgrading knowledge, skills in the context of innovations, research and discovery in all fields of health.
- To provide medical relief and undertake development programmes in health services and upgrading health care facilities to various sectors of the society.

The trust accepts donations to support the medical education and health facilities of Seth GS Medical College and KEM Hospital. **Donations to the trust are exempted under section 80G of the Income Tax Act 1961.** The **FCRA**, Govt. of India, Ministry of Home Affairs has given the **permission to receive and utilize foreign contribution** to Trust. The Trust has also been **recognized as SIRO**, by Department of Scientific and Industrial Research for years 2013 - 2016.

Managing Trustee: Dr. AN Supe, Dean, Seth GS Medical College & KEM Hospital

Secretary: Dr. Rujuta Hadaye, **Treasurer:** Dr. Nitin Karnik, **Trustees:** Dr. NN Rege, Dr. Sujata Patwardhan, Dr Vishnu Kanhere, Mr. Kishorekumar Mhatre, **Advisor:** Dr. RD Bapat, Dr. Lopa Mehta

Activities of the trust

Diamond Jubilee Society Trust was able to collect Rs.5,79,53,309/- of donations in the year (January 2016- November 2016) inclusive of Foreign donations of Rs.14,85,000/- and Government Research Grant of Rs. 3,00,58,727/- The donations are being used for the purpose stated by the donors. In addition, the trust does following activities:

Patient care

- Donations worth Rs.1,08,95,548/- were used to purchase essential equipments, accessories and consumables for various departments, laboratories and intensive care units of the institutes as per their requirements.
- Patient education programs of Patient Education Cell were supported.

Donations received

Donation received from CSR cell for

- Donation of Rs. 20,00,812/- from NTPC Ltd. towards the purchase of equipment for Nephrology department.

Patient care

- Donation of Rs. 63,34,800.00 from Government of India Ministry of Health & Family welfare (Child Health Division) towards Facility Based Newborn Care neonatology trainings.
- Donation of Rs. 20,00,000/- from Continuous Medical Educational Development towards department's upgradation and academic research for Endocrinology department.

Medical education

1. Financial support of Rs. 1,12,500/- was extended for 10 research projects undertaken by the postgraduate students & Rs.4,85,000/- for 9 research projects undertaken by the Jr. faculty members.
2. The students who have excelled in their academic career were awarded prizes and scholarships (n=36) by the trust. Funds for this purpose have been donated by the graduates, postgraduates and teachers of the institute.
3. GOSUMEC Foundation, USA Research / Innovation Scholarship was awarded to 18 undergraduate students for their meritorious research work. Financial support was also provided to economically challenged students

Donations were accepted for the following activities undertaken for (undergraduate and postgraduate) students:

Donation received for the following

- Donation received from Dr. Rohini Kulkarni, of Rs.1,50,000 /- for instituting awards in memory of her father, Dr. KD Desai for a student standing first at University examination in Anatomy at Seth GSMC & KEMH.
- Donation received from Dr. Ramchandra Prabhoo of Rs. 3,00,000/- for Gold medal for the student standing first in postgraduate examination orthopedic in University in first attempt from Seth GS Medical College & KEM Hospital and second Gold medal for undergraduate student first in the competitive examination in orthopedic in Seth GS Medical College for second/third year student.
- Donation received from Dr. Avinash and Dr. Nilima Patwardhan of Rs. 2,00,000/- for "Dr. Avinash and Dr. Nimilma Patwardhan" scholarship prizes for the student with the highest score or marks in the final M.B.B.S exam.
- MUHS approved Fellowship/Certificate courses by various departments
- Undergraduate Certificate Course in Clinical Research conducted by the Department of Clinical Pharmacology under the aegis of MUHS
- 'Pharma Quiz' for the undergraduate students conducted by the Department of Pharmacology and Therapeutics
- 'Shidori', the co-curricular programme for the undergraduate students
- Cultural events organized by the undergraduate students like *Advait* (Marathi drama competition)

Donations were accepted for the following Faculty development programmes

1. 12th 'GSMC FAIMER Regional Institute' by the ME Unit
2. Basic Courses in Medical Education Technology (n=5) conducted by the GSMC – KEMH- MCI Nodal Centre
3. 4th MCI Advance course in Faculty development, the GSMC – KEMH- MCI Nodal Centre
4. "Resident as a teacher's basic workshop" conducted by department of Medical Education
5. "Neonatal ventilation workshop for the Clinicians & Resident Doctors" conducted by the Department of Neonatology
6. "Research Methodology Workshop" conducted by Department of Obstetrics & Gynecology
7. "CME Thromboembolism in pregnancy" conducted by Department of Obstetrics & Gynecology
8. "CME on Myomectomy" conducted by Department of Obstetrics & Gynecology
9. "CME on communication Skills" conducted by Forensic Medicine
10. Good clinical practice Workshop to be conducted by Ethics Committee
11. Research Methodology workshop for the resident doctors training as per MUHS rules conducted by Department of Community Medicine
12. Workshops conducted by the individual Departments:
 - a. 'Teachers' Training Programme on Learning Disability' conducted by Learning Disability Clinic of the Department of Pediatrics
13. Support for utilizing cadaver facilities of the department of Anatomy during
 - a. 'Arthroscopy Shoulder workshop' conducted by Bombay Orthopedic Society
 - b. 'BOS Pelviacetabular Cadaveric Course' conducted by the Department of Orthopedics under the auspices of Bombay Orthopedic Society
 - c. Workshop on cadaveric FESS dissection conducted by Anatomy department

Medical Research

- The Trust has received donations (Rs. 1,55,14,034/-) for research projects undertaken by various departments. In addition, it received funds from Government organizations towards research projects (Rs. 3,00,58,727/-).

Publication

- Annual Report of Seth GS Medical College & KEM Hospital-2015 was published under the aegis of Diamond Jubilee Society Trust.
- Donations were also accepted for publication of manuals/ abstract books of courses, workshops and conferences conducted by the various departments.

Work environment

Diamond Jubilee Society Trust supports the following activities and their maintenance. It also tries to collect donations for the same.

- Website of the institute to propagate the activities of the institute and facilitate communication and interaction with other medical professionals
- Annual maintenance of indoor patient monitoring software in Registration OPD and MRO section
- Financial support for digitalization of UG & PG student's records, organ transplant program, bioethics workshop, cadaver program, foundation day, ORACON, lawns maintenance, welfare activities of the Women's Development Committee and support to the web assistant.

Dr. M. L. Kothari Chair of Medical Humanities

Established on 23 Jan 2016 in the memory of Dr Manu Kothari, beloved teacher and alumnus of the institute. It aims at inculcating in undergraduate and post-graduate medical students humanity, ethics, a love for philosophy and the arts and, whilst enriching their lives, simultaneously help them treat their patients with empathy and kindness. The Chair is supported by Medical Humanity Division which has Core Committee Group working actively to contribute to plan and execute the various activities. It receives support from an Advisory Committee. Core group- Dr UM Thatte, Dr Sandhya Kamat, Dr Padmaja Samant, Dr Santosh Salagre, Dr Smrati Bajpai, Dr Nandini Dave, Dr Mridula Solanki, Dr Lopa Mehta [Advisor], Dr Ravi Ramakantan [Advisor]. Advisory Committee- Dr AN Supe [Dean], Dr DG Kurlle [website in charge], Dr Nithya Gogtay, Mr Parth Gada, Mr Avik Agarwal, Gymkhana Secretary, Secretary MARD, Mr Rakshit Agarwal. Advisory Board- Dr Sunil Pandya, Dr Jyotiben Kothari, Dr AN Supe, Dr Vatsal Kothari, Dr Lopa Mehta, Dr Ravi Ramakantan, Dr Ashok Vaidya, Dr Dinesh Daftary, Dr Rajesh Parikh, Dr Vikram Kamdar, Dr Nila Vora, and Ms Gulserene Dastoor.

Activities under the chair in 2016

- Inaugural program- Screening of movie on Dr Anandibai Joshi
- Appointment of Dr Sunil Pandya as the first Chair
- Orientation program of interns
- Good Samaritans-learning skills program
- Screening for movie for Psychiatry department - One flew over the Cuckoo's nest
- Lecture on Palliative Care by Dr Nandini Vallath
- Screening of "Getting better" a documentary by Ms Gulserene Dastoor
- Palliative care workshop in collaboration with the Tata Memorial hospital
- Conscience and Out of the book thinking as part of the UG conference Confluence
- Second Manusmruti day in October 2016
- Poetry reading - Nov 2016
- Going beyond medicine - Dr Hemant Morparia- alumnus and radiologist and eminent cartoonist
- Photography contest
- Essay writing contest- Papyrus
- Screening of the movies - Patch Adams and Florence Nightingale
- Creation and maintenance of Archives of the Institution

Gosumec Alumni Association

The office bearers and managing committee members of Gosumec Alumni Association for the year 2015-2017 are as follows:

Post- Office Bearers:

President – Dean & Director Dr. A N Supe, Vice President - Dr. Sharad Gogate & Dr. Manjula Sarkar, Hon. Secretaries – Dr. Ram Prabhoo & Dr. Gita Nataraj, Hon. Jt Secretary- Dr. Janak Shah, Hon. Treasurer- Dr. NN Rege

Activities

- 4 managing committee meetings were held . The annual GBM was held on 28/9/2016.
- Presently, the association has 4783 members. The period January 2016 to Dec 2016, saw an addition of 81 life members and 2 Patron members.

Donations Received

- Rs. 150,000 was given by Dr. Ram Y Prabhoo for **Dr. Ram Prabhoo Oration**. This oration would be awarded to an eminent orthopedic surgeon from India annually. The oration was delivered on 12th August 2016 by Dr Sanjay Agarwala.
- Rs. 125,000 was donated by Dr. Avinash N Supe, Dean and Director (ME & MH) to be utilized to award the best published paper in an indexed journal by a staff member.
- Rs. 600,000/- was given by Dr. Sandra & Avi Nash as financial Support for Implants for needy patients of KEM Hospital

Dr Vijay H Vora (GSMC 1966 Batch)	100000
Other GSMC 1966 batch	44473
Hansa Parikh in memory of Late Dr. Jayant Parikh	16000
Dr. Shoaib & Naseem Padaria	100000
Dr. Madhuri Milind Patil	50000
GSMC 1975 batch	100000
Dr. Kanak C Pandya	62000
Dr. Rajesh H Chauhan	100000
Krutika Jain	3000
Dr. Shaline D Sabnis	100000
GSMC 1985 Batch	49200
GSMC 1991 Batch	141000
Dr. Kailash Pawar	200000
Friends of the Grant Medical College & Sir JJ Group of Hospitals Trust	100000

Scanning of UG - PG records:

Records of PG from 1981 till 2015(45 years) stands completed. UG records available from 1977 onwards have been scanned. Additional Rs.51639/- to Miscot for scanning of UG PG record has been paid. Bill received of Rs.66398/ or additional scanning up to 2015 of results and OT PT students, is to be paid by end of December.

Educational Activity:

- **Student scholarships**
- Dr. Brijlal Gupta Scholarship - Rs. 30000/- given to Sujay Jaju - I yr. MBBS and Rs. 30000/- given to Anu Roop Rajani - II yr. MBBS
- **Gosumec Alumni Association corpus for needy students was** awarded to 10 students. from Gosumec Alumni Association corpus fund for the same. The donors being. Dr. Kero, Mrs. Dalal, Dr. Kailash Pawar & 1987 Batch Fund.
- Books amounting to Rs 74396/- were donated to library from 1987 Batch fund.

Awards & Honors:

- Dr R B Redkar Memorial awardees for the year who were felicitated on foundation day (22/1/16) included Dr. Manoj Telkatwar (Administrative Medical Officer), Smt Vandana Mahale (Hospital Office Administrator) and Mr. Namdeo Matkar (College Office Administrator).

Social and extracurricular Activities:

- GAA donated Rs 15,000.00 towards printing & publication of GOSUMAG 2016, the UG magazine
- 6 Computers amounting to Rs. 235500/- were donated rom 1981 batch fund .
- LED TV & cabinet was installed outside the MLT & Rs. 46968/- was spent for wiring for connecting to MLT for live projection through 1981 batch donation.
- RemoteXs services provided to 1200 users of Seth GSMC & KEMH through 1981 batch donation

Cultural Activity:

- 23rd Jan 2016 - 10.30am- The film Anandibai Joshi was screened in MLT.
- 24th Jan 2016: A heritage walk was held in the morning hours.
- Alumni & staff members dinner was organized with entertainment. Alumni more than 90 years of age were felicitated on this day.

Archive :

- Additional books of archives have been refurbished. Indexing of all the books have been done. History of “beginnings of GSMC & KEMH” has been displayed. It brings out all the efforts put in by GMC alumni in late 19th century to establish an Indian manned medical college & hospital. Total amount spent for the same Rs.1,09,385/-. Donation received from for this purpose of Rs. 100000/- from Friends of the Grant Medical College & Sir JJ group of hospitals trust.
- Scanning of photographs of students admitted between 1950 -1970 (whatever is available) was done.

Patient care:

- Rs. 50000/- each was given to six needy patients as financial support for implants of KEM Hospital from Indira Foundation donation.

Dr Manu L Kothari chair of Medical Humanities was established with several munificent donations. The following prizes were given to winners of Confluence 16 under the MLK chair of Medical Humanities.

- Papyrus Essay writing competition - First prize Rs. 5000/- to Priyashree Desai & Second prize Rs. 3000/-Aditi Dandawate
- Connaissance – Medical short films – First prize Rs.5000/- to Yash Gupta
- Medsnaps Photography Competition – First prize Rs. 5000/- to Yash Kedia & second prize Rs. 3000/- to Himani Murdeshwar
- Innovations – First prize Rs.5000/- to Dweep Barbhaya .

Scientific Activity:

- The Dr. Sindhu R Pandit Memorial Oration was delivered by Dr. Deepak Dave on “Value Based Success” and was well received on 21st Jan 2016.the session was chaired by Dr. Sharad Gogate, Dr. Lopa Mehta on 21st January, 2016- 90th Foundation Day.

GSMC Gymkhana**GYMKHANA MANAGEMENT COMMITTEE 2016-17****President : Dr. Avinash N. Supe**

S.No.	Post	Vice President	Senior Secretary	Junior Secretary
1	General Secretary	Dr Urmila Thatte	Aveek Agrawal Parth Gada	-
2	Treasurer	Dr Yuvaraj Chavan	Swastika Lamture	-
3	Cultural (P.A.)	Dr Heena Merchant	Aditya Vadgaonkar Devanshi Shah Niharika Sabnis	Ankit Upadhyay Janvi Bhavsar
4	Cultural (F.A.)	Dr Munira Hirkani	Uffra Shaikh Samyak Kucheria	Aishwarya Thakurdesai
5	Literary	Dr Sandhya Kamat	Renuka Ashtekar	Akanksha Shreya
6	Football	Dr R Karmarkar	Zain Chunawala	Viraj Gorhe
7	Cricket	Dr Aadil Chagla	Sagar Padmane	Abhishek Chauhan
8	Tennis	Dr Rajesh Dere	Saloni Mehta Tejas Sarda	Tanvi Hirekerur
9	Volleyball & Basketball	Dr Shirish Joshi	Karthik Kamath	Jeet Dedhia
10	Badminton	Dr Nayana Ingole	Samiran Chavan	Ravikumar Keswani
11	Athletics and Aquatics	Dr Kapil Pawar	Sumedh Wavhal	Tanmay Jadhav
12	Indoor Sports	Dr Ravindra Deokar	Ashay Patil	Hunaid Haider
13	Ladies Welfare	Dr Anita Agrawal	Supriya Iyer	Arhita Sawant
14	Wallpaper and Website	Dr Pravin Iyer	Akshay Gangurde	Niladri Mishra
15	Gymnasium	Dr Y.J. Bhosale	Satyam Kalaskar	-
16	Hiking	Dr Yuvaraj. Chavan	Arpit Raul	Agraj Doshi
17	Gosumag	Dr Yashashri Shetty	Charulata Naik	-
18	OT Representative	Dr Shweta Joiode	Deepa Awasthi	Mahima Bhuta
19	PT Representative	Dr Mariya Jiandani	Aarsi Popat	Soham Gandhi

S.No.	Post	Vice President	Senior Secretary	Junior Secretary
20	Academic	Dr Smrati Bajpai	Devi Bavishi Manan Boob	Alhad Mulkalwar Vasudha Kumar
21	Archives	Dr Lopa Mehta	Rakshit Agrawal	Priyashree Desai
22	BCR	Dr Kishore Khushale	Shubham Nandurkar	Nishit Patel
23	Ladies' Sports	-	Shreya Rathi	Nisha Pattewar

Highlights

- 'Lights, Camera, AAVISHKAAR', the annual college fest was organised from February 17th-20th, 2016, on the theme of Hollywood under the Chief Core Coordinator Aditya Vadgaonkar and Treasurer Abhi Kothari
- 'CONFLUENCE' - a three day, all India, UG medical conference was held from 11th - 13th August 2016 with pre-conference workshops on 9th and 10th, under Academic Secretaries – Devi Bavishi and Manan Boob
- 'AARAMBH': Orientation session was organised for the newly admitted batch of MBBS, OT and PT courses, giving them a campus orientation
- 'RENDEZVOUS': A meeting of juniors and seniors was organised as a part of measures taken to reduce ragging and promote a healthy interaction.
- COLLEGE WEEK and FRESHERS WEEK were organised by the Cultural Departments (PA and FA) with events like DJ night, GS Khoj, Dandiya night, Talent Hunt, Face painting competition etc
- The college magazine, 'GOSUMAG' was released on 23rd April 2016 under the Chief Editor Monisha Selesh and Co-Editor Aditi Dandawate
- The official GSMC & KEMH newspaper 'THE LARYNX' was released under the chief editor, Dr. Nitish Sancheti
- Organised a lecture by Sir Malcolm Grant, head of NHS, England
- On the occasion of World Physiotherapy Day, Physiotherapy week was celebrated from 7th-9th September with this year's theme being "Adding life to years",
- 66th Occupation Therapy foundation Day was organised on 16th November comprising of Slogan competition, Essay Competition, Rangoli Competition and OT Quiz

Achievements

Gymkhana committee 15-16

- Free WiFi facility made available in MLT, BCR, LCR, Gymkhana and Library.
- Renovation of Kalpadroom with installation of lights, fans, plug points and water purifier

Gymkhana committee 16-17

- LED screen outside MLT was installed by the efforts of Dr Lopa Mehta, MLK Chair of Medical Humanities and the Gymkhana.
- Ten User IDs and Passwords for accessing the RemoteX database were distributed among students in all batches to assist them in Research.
- Renovation of Badminton court was completed and it was inaugurated by Dr. Avinash Supe
- A Gymnasium was inaugurated at Currey Road Hostel by the Hostel Committee, especially Dr Y.J. Bhosale.
- Tennis, Basketball and Volleyball courts: Repair of Floodlights and fencing was done.
- CCTVs installed in Badminton, Tennis, Basketball courts, BCR and KD
- Developing wickets at Purandare stadium and follow up of renovation work

Awards and Honours:

- MUHS Table tennis- Ashay Patil, Chiranjeevee Gharde
- MUHS Lawn Tennis- Tanvi Hirekerur, Viraj Gorhe
- MUHS Badminton - Anuj Laddhad

Community Care

- Organised a Tree plantation drive on 22nd April 2016, through donation by Mr. Zoru Bathena and co-ordinated by Dr. Mrudul Bhatjiwale. 18 Neem and 50 Ixora saplings were planted in the campus.

Future Plans

- To ensure easy access to all OPD timings, locations of OPDs/Wards to all students, staff and patients by introducing a mobile app
- Renovation of Purandare stadium will be done by MCGM
- Making provision for another meeting /conference room besides Gymkhana

GSMC MUHS UNESCO Bioethics Unit

Highlights & Achievements :

- Published first bulletin “INARCH” which was released during the World Bioethics Day celebration on 19th October 2016.
- The unit hosted the 8th Krishna Raj Memorial Lecture in collaboration with Anusandhan trust, CEHAT, MASUM (Pune), TISS, SNDT and Mumbai University with the theme of Ethics in Medical Research on 4th Feb 2016. “The Golden Rule: A Remedy for decadence in Global Health” was delivered by Dr. Eric Suba, Director of clinical laboratories, Kaiser Permanent Medical Centre San Francisco, California.
- A panel discussion “First Do No Harm” and Book release function: “Patient safety – protect yourself from medical errors by Dr. Anirudhha Malpani was organized on 19th July 2016.
- The GSMC MUHS UNESCO (GMU) Bioethics Unit celebrated the first World Bioethics Day on 19th October 2016. Poster Exhibition on ‘Human Dignity and Human Rights’, Bioethics Interactive Games, presentation of “*UMALU DEU FULE KOWAL*” a skit on child abuse and violation of child rights, keynote address by Chief Guest, Dr. Snehalata Deshmukh and Panel Discussion on the theme ‘Child Dignity and Child Rights’ were some of the activities conducted during the day.

Community care

- Awareness talk was delivered to Rotarians of Rotary Club of Bombay Hanging Garden on importance of Bioethics Education in 2016 on 7th September 2016 by Dr. Santosh Salagre

Education

- Various teaching activities conducted by the Unit for Interns (29/2/2016 and 3/8/2016), I MBBS/ OT / PT students (2/3/2016 and 13/12/2016) and II MBBS students (8/12/2016). The modules as per UNESCO curriculum were covered during this training

Publications

- Euthanasia in India and reflections from Aruna Shanbaug case – in MET bulletin ‘Reflections’ published by NKP Salve IMS, Nagpur, March 2016 - Dr. Santosh Salagre

Looking Ahead

- To create resource bank for bioethics training
- Developing the training modules for Health Profession Educators based on UNESCO modules with Indian context
- Training steering committee members in Basic and Advance courses on bioethics through MUHS & UNESCO
- To assess the effectiveness of bioethics training programmes
- Arranging intercollegiate seminars, debates on Bioethics for faculty as well as students

Student wing activities

- An debate was organized on 16th September 2016 as part of World Bioethics Day celebration where 12 teams participated.
- A Guest lecture was organized on 19th September 2016 - “Doctors without Borders by Dr. Bharat Kelkar where he shared his experiences while volunteering with MSF

Institutional Ethics Committee (IEC) I & II

Established: 1987

Current SOPs Version 4, 1st September 2013

Received the SIDCER re-recognition award for compliance to international standards in November 2016 for the period of four years (from 23rd Nov 2016 to 23rd Nov 2020)

Both committees presently functions according to the requirements laid down in Schedule Y and is guided by the ICH GCP guidelines for Good Clinical Practice, ethical principles set forth in the Declaration of Helsinki and the Ethical Guidelines for Biomedical Research on Human Subjects laid down by the Indian Council of Medical Research.

Activities of the IEC-I in the year 2016

A total of 40 meetings (12 full board meetings and 28 SAE Subcommittee meetings) were held in the year 2016. A total of 11 pharmaceutical sponsored projects, 4 government sponsored projects, 90 other academic projects and 103 thesis / dissertations were submitted to the IEC-I for initial review during the year.

None of the Pharmaceutical projects were approved at first submission as there were scientific and ethical lacunae in the submitted protocols. The comments by the IEC-I members, pertaining to modifications in the protocol were sent to investigators. The answers to IEC-I comments were then reviewed and the project was granted approval. Following is the status of the projects submitted to the IEC-I in the year 2016

Year 2016	Projects reviewed	Under Process	Approved
Pharmaceutical sponsored projects	11	2	9
GOVT sponsored projects	4	1	3
Thesis	103	36	67
Other Academic	90	50	40
Total	208	89	119

In regards to sponsored studies:

	Year 2014	PHARMA	GOVT
I	Total no. of projects reviewed by IEC-I	11	4
III	Type of study	Phase I	-
		Phase II	-
		Phase III	6
		Phase IV	4
		Epidemiological	1
		NA	4

Serious Adverse Events:

Total 28 SAE meeting held in year 2016						
	Particulars		PHARMA	GOVT	OA	Thesis
1	Total no. of SAE at our site:	Initial report	2	1	3	-
		Follow up report	3	1	3	-
		causality	-	-	-	-
2	Total no. of death		-	1	3	-
3	Our site late reporting (after 24 hours)		-	-	-	-
4	Responses (query) from EC regarding our site SAEs	Query letters sent	3	2	5	-
		Noted letters sent	1	3	-	-
7	Total no. of Adverse Events (AE) reported		-	-	-	-
8	Total no. of SUSAR/CIOMS reported:		3058	-	-	-

Status of the ongoing sponsored projects of IEC-I as on 20th Dec 2016

- 1 pharmaceutical sponsored project submitted in the Year 2001 is ongoing.
- 1 government sponsored project submitted in the Year 2004 is ongoing
- 1 pharmaceutical sponsored project submitted in the Year 2005 is ongoing
- 1 government sponsored projects submitted in the Year 2007 is ongoing
- 2 government sponsored projects submitted in the Year 2009 are ongoing
- 1 government sponsored projects submitted in the Year 2010 is ongoing
- 1 pharmaceutical and 2 government sponsored projects submitted in the Year 2011 are ongoing
- 5 pharmaceutical and 3 government sponsored projects submitted in the Year 2012 are ongoing
- 3 pharmaceutical and 8 government sponsored projects submitted in the Year 2013 are ongoing
- 7 pharmaceutical and 4 government sponsored projects submitted in the Year 2014 are ongoing
- 6 pharmaceutical and 3 government sponsored projects submitted in the Year 2015 are ongoing

Status of the ongoing academic projects of IEC-I as on 20th Dec 2016

- 18 thesis and 6 other academic projects submitted in the year 2013 are ongoing.
- 60 thesis and 20 other academic projects submitted in the year 2014 are ongoing.

- 126 thesis and 54 other academic projects submitted in the year 2015 are ongoing.

Activities of the IEC-II in the year 2016

A total of 11 meetings were held in the year 2016. A total of 10 pharmaceutical sponsored projects, 3 government sponsored projects, 89 other academic projects and 100 thesis / dissertations were submitted to the IEC-II for initial review during the year.

None of the Pharmaceutical projects were approved at first submission as there were scientific and ethical lacunae in the submitted protocols. The comments by the IEC-II members, pertaining to modifications in the protocol were sent to investigators. The answers to IEC-II comments were then reviewed and the project was granted approval. Following is the status of the projects submitted to the IEC-II in the year 2016

Year 2016	Total reviewed projects	Under Process	Approved
PHARMA	10	8	2
GOVT	3	3	-
Thesis	100	43	57
Other Academic	89	42	47
Total	202	96	106

Status of the ongoing sponsored projects of IEC-II as on 20th Dec 2016

- 1 GOVT sponsored project submitted in the Year 2012 is ongoing
- 2 Pharma sponsored and 2 government sponsored projects submitted in the Year 2013 are ongoing
- 3 Pharma sponsored and 4 government sponsored projects submitted in the Year 2014 are ongoing
- 6 Pharma sponsored and 2 government sponsored projects submitted in the Year 2015 are ongoing

Status of the ongoing academic projects as on 20th Dec 2016

- 2 Thesis submitted in the Year 2009 are ongoing.
- 5 other academic projects submitted in the year 2010 are ongoing.
- 2 other academic projects submitted in the year 2011 are ongoing.
- 5 other academic projects submitted in the year 2012 are ongoing.
- 54 thesis and 9 other academic projects submitted in the year 2013 are ongoing.
- 59 thesis and 19 other academic projects submitted in the year 2014 are ongoing.
- 109 thesis and 54 other academic projects submitted in the year 2014 are ongoing.

	Year 2016	Pharma	Govt
I	Total no. of projects reviewed	10	3
II	Type of study	Phase I	1
		Phase II	1
		Phase III	7
		Phase IV	1
		NA	-

Total projects reviewed by the IEC-I & II in the year 2016

	Departments	Pharma	Govt	Thesis	Other Academic
1.	Anaesthesia	-	-	17	20
2.	Anatomy	-	-	2	1
3.	Biochemistry	-	-	-	1
4.	Cardiology	1	-	-	2
5.	Clinical Pharmacology	2	-	-	6
6.	Chest Medicine	-	2	4	2
7.	CVTS	-	-	-	2
8.	Dermatology	-	-	1	4
9.	Dentistry	-	-	-	2
10.	Endocrinology	1	-	-	8
11.	ENT	-	-	7	-
12.	Forensic Medicine	-	-	1	-

	Departments	Pharma	Govt	Thesis	Other Academic
13.	Gastroenterology	4	-	-	6
14.	General Surgery	2	-	13	3
15.	Hematology	-	-	-	1
16.	Medicine	4	-	12	10
17.	Microbiology	1	2	-	7
18.	Neurology	2	1	-	4
19.	Neuro surgery	-	1	-	-
20.	Neonatology	-	-	-	6
21.	Nephrology	-	-	-	2
22.	Nuclear medicine	-	-	2	
23.	Obstetrics and Gynaecology	-	1	40	17
24.	Orthopaedics	-	-	19	6
25.	Ophthalmology	3	-	2	1
26.	OT	-	-	10	
27.	Pathology	-	-	6	2
28.	Paediatrics	-	-	10	6
29.	Paediatrics surgery	-	-	-	4
30.	Plastic Surgery	-	-	-	1
31.	Psychiatry	-	-	3	5
32.	PSM	1	-	13	23
33.	Pharmacology & Therapeutics	-	-	6	7
34.	Physiology	-	-	2	2
35.	PT	-	-	27	2
36.	Radiology	-	-	4	1
37.	Social Service	-	-	-	1
38.	Surgical Gastroenterology	-	-	-	6
39.	Transfusion Medicine	-	-	2	3
40.	Urology	-	-	-	5
	Total Reviewed	21	7	203	179

Constitution of IEC-I

Sr. No.	Name	Position on IEC-I	Designation & Affiliation	Qualification	Gender
1	Dr. Padmavathy Menon	Chairperson (External)	Consultant Endocrinologist, Jupiter Hospital, Thane & LH Hiranandani Hospital, Powai, Mumbai.	M.D.	F
2	Dr. Sharmila Jalgaonkar	Member Secretary	Associate Professor (Pharmacology & Therapeutics) Seth GS Medical College and KEM Hospital Mumbai.	M.D.	F
3.	Dr. Smrati Bajpai	Member	Assistant Professor (Medicine) Seth GS Medical College and KEM Hospital Mumbai.	M.D., DNB.	F
4	Dr. Yashashri Shetty	Member	Assistant Professor (Pharmacology & Therapeutics) Seth GS Medical College and KEM Hospital Mumbai.	M.D., DBM.	F
5	Dr. Uma Jadhav	Member (Social scientist)	Community Development Officer (Social Services) Seth GS Medical College and KEM Hospital Mumbai.	M.S.W., L.L.B, Ph.D (Health Systems Studies)	F
6	Ms. Veena Johari	Member (External Legal Expert)	Independent Lawyer	L.L.B.	F
7	Mrs. Gitaali Pawaar	Member (External Lay person)	Trustee / Chairperson, Little MORE Charitable Trust, Mumbai.	B.A., D.C.A., PGDEM, M.E.M.	F

Sr. No.	Name	Position on IEC-I	Designation & Affiliation	Qualification	Gender
8	Dr. Kaizad Damania	Member (External Scientific Expert)	Professor (Obstetrics & Gynaecology) N. Wadia Maternity Hospital, Mumbai.	M. D., DNB., F.C.P.S., D.G.O., D.F.P.	M
9	Dr. Rujuta Mehta	Member (External Scientific Expert)	HOD Paediatric Orthopaedic, Bai Jerbai Wadia Hospital for children, Mumbai.	M.S., DNB.	F
10	Dr. Sona Dave	Member (External Scientific Expert)	Professor, (Anaesthesiology) TNMC & BYL Nair Charitable Hospital, Mumbai.	M.D., DA., DNB	F
11	Dr. Sharad Patel	Member	Associate Professor (Adhoc) (Physiology) Seth GS Medical College and KEM Hospital Mumbai.	M.D.	M
12	Ms. Jaimala Shetye	Member	Associate Professor (Physiotherapy) Seth GS Medical College and KEM Hospital Mumbai.	MPTh	F
13	Dr. Alka A. Subramanyam	Member (External Scientific Expert)	Assistant Professor (Psychiatry) TNMC & BYL Nair Charitable Hospital, Mumbai.	M.D., D.N.B., DHA.	F
14	Dr. Urmila Thatte	Member	Professor & Head (Clinical Pharmacology) Seth GS Medical College and KEM Hospital Mumbai.	M.D., DNB., Ph.D.	F

Constitution of IEC-II

	Name	Position on IEC-II	Designation & Affiliation	Qualification	Gender
1.	Dr. Sangeeta Desai	Chairperson (External)	Professor and Office in Charge, Molecular Pathology, Tata Memorial Centre, Mumbai.	M.D., DTM.	F
2.	Dr. Snehalata Gajbhiye	Member Secretary	Assistant Professor (Pharmacology & Therapeutics) Seth GS Medical College and KEM Hospital Mumbai.	M.D., FICS.	F
3.	Dr. Yuvaraj B. Chavan	Member	Professor (Additional) (PSM) Seth GS Medical College and KEM Hospital Mumbai.	M.D.	M
4.	Dr. Shobha Itollikar	Member (External)	-	M.D., D.N.B.	F
5.	Dr. Padmaja Marathe	Member	Professor (Additional) (Pharmacology & Therapeutics) Seth GS Medical College and KEM Hospital Mumbai.	M.D.	F
6.	Dr. Nilesh Thakre	Member (External Social Scientist)	Assistant Professor, Psychology, SNDT Women's University, Mumbai.	Ph.D. Psychology, M.A (Industrial & Business Psychology), M.I.R.P.M., M.A. (Clinical Psychology), N.E.T in Psychology, PGDIP, Dip TD.	M
7.	Dr. Subodh Sirur	Member (External Legal Expert)	Consultant, Dermatology & Venerology, Mahatma Gandhi Memorial Hospital, Mumbai	MBBS, DVD, LLM	M
8.	Ms. Leena Pednekar	Member (External Lay person)	Chief Dietician, Mahatma Gandhi Memorial Hospital, Mumbai.	P.G. in the area of Dietetics and Applied Nutrition.	F
9.	Dr. Padmaja Samant	Member	Professor, (Obstetrics & Gynaecology) Seth GS Medical College and KEM Hospital Mumbai.	Professor, (Obstetrics & Gynaecology) GSMC & KEMH	F
10.	Dr. Santosh Kondekar	Member (External)	Associate Professor, (Pediatrics) Topiwala National Medical College and B. Y. L. Nair Charitable Hospital, Mumbai.	M.D., D.N.B., D.C.H., F.C.P.S., F.M.E.	M

	Name	Position on IEC-II	Designation & Affiliation	Qualification	Gender
11.	Dr. Sujata Aiyer	Member	Associate Professor, (Orthopaedics) Seth GS Medical College and KEM Hospital Mumbai.	M.S., F.R.C.S.(UK), General Medical Council (UK)., ECFMG.	F
12.	Dr. Sweta Salgaonkar	Member	Professor (Anesthesiology) Seth GS Medical College and KEM Hospital Mumbai.	M.D.	F
13.	Dr. Sunil Kuyare	Member	Assistant Professor, (Microbiology) Seth GS Medical College and KEM Hospital Mumbai.	M.D., PGDHA,FME.	M
14.	Dr. Shilpa Adarkar	Member	Assistant Professor, (Psychiatry) Seth GS Medical College and KEM Hospital Mumbai.	M.D.	F
15.	Mrs. Chhaya Verma	Member	Professor and Head (Physiotherapy) Topiwala National Medical College and B. Y. L. Nair Charitable Hospital, Mumbai.	MPTh	F
Alternate Members of IEC-I & IEC-II as on 20th Dec 2016					
1.	Dr. Pradnya Talawdekar	Alternate Member (External legal Expert)	Project Manager, Ojus Medical Institute, The Tulip Star, Juhu Tara Road Juhu, Mumbai.	B.A.M.S., L.L.M.	F
2.	Mrs. Sushma Singh	Alternate Member (External legal Expert)	-	B. Pharm. LL.B. LL.M Certificate in Alternative Disputes Resolution (ADR)	F
3.	Ms. Nivedita Chalill	Alternate Member (External Social Scientist)	-	M.A., Ph.D., M.Phil in social work, B.Sc(Occupational Therapy), PG Dip in Guidance & Counseling.	F
4.	Dr. (Mrs.) Helen Joseph	Alternate Member (External Social Scientist)	-	M.S.W., M. Phil., Ph.D.	F
5	Mrs. Sharmila Kher	Alternate Member (External Layperson)	-	M. SC. Part 1 (Biotechnical science), Dip. In Journalism, PGDHA	F
6.	Mrs. Manisha NaikDalal	Alternate Member (External Layperson)	-	M.Com	F
7.	Mrs. Manju Manda	Alternate Member (External Layperson)	Section officer Railways	B.Sc. Pharmacy	F

IEC-I & II Office bearers

- Mrs. Janhavi Katkar, Administrative Manager, (nayanvkatkar@gmail.com)
- Ms. Manali Vengurlekar, Executive Assistant, IEC-I
- Ms. Manasi Lad, Executive Assistant, IEC-I & SAE Subcommittee
- Ms. Shweta Surve, Executive Assistant, IEC-II
- Ms. Prajakta Auti, Executive Assistant, IEC-II & SAE Subcommittee
- Mr. Mangesh Khochade, Office Attendant
- Mr. Vijay Chavan, Office Attendant

Contact details: Email: iec-1@kem.edu, iec-2@kem.edu, Tel: 24122188, 24107515, Ext. no. 7515

Activities of the IEC

1. Training programs attended by IEC members and IEC staff:
 - Dr. Yashashri Shetty attended the “Capacity Building Workshop on Ethics and Regulation of Clinical Trials in India” on 8th -9th Jan 2016 at Topaz Auditorium, YWCA
 - Dr. Yashashri Shetty participated in ISCR- Ethics Council Monthly telecon_08-Jun-2016 -2:00 pm - 3:00 pm.
 - Dr. Yashashri Shetty Faculty for “Introduction to GCP and Role of sponsor” as a part of our Good Clinical Practice workshop conducted on 8th August 2016 from 11.45 pm to 3.30 pm in the Department of Anaesthesiology library at KEMH

- Dr. Yashashri Shetty Faculty for Research methodology workshop by Dept of Dental sciences at Terna Dental College, Nerul, Navi Mumbai on “Biomedical Research: Scope and Avenues
 - Dr. Yashashri Shetty Selection of Research Topic and Framing a Research Question with Group Exercises on 11th August 2016 at seminar hall, Ground floor from 08.30am -12.30 pm
 - Dr. Uma Jadhav attended the “Capacity Building Workshop on Ethics and Regulation of Clinical Trials in India” on 8th -9th Jan 2016 at Topaz Auditorium, YWCA.
 - Dr. Uma Jadhav participated as delegate in SIDCER Training course program to do site monitoring as a trainee surveyor at Tata Hospital Ethics Committee from 22nd August to 24th August 2016.
 - Dr. Uma Jadhav faculty for Research methodology workshop by Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research (TIFR) on 7th February 2016 for Post-Graduate (M.Ed) Students on “Ethics & Research”.
 - Sharmila Jalgaonkar, Mrs. Janhavi Katkar, Prajakta Auti, Shweta Surve, Manali Vengurlekar, Snehalata Gajabhiye, Padmaja Marathe, Chaya Verma, Manisha Naik Dalal Participated as delegates in a Current Regulatory Requirements for Members of Institutional Ethics Committees (An Awareness Program) on February 17-18, 2016 at Tata Memorial Hospital, Mumbai.
 - Dr. Sharmila Jalgaonkar, Dr. Snehalata Gajabhiye, Dr. Yashashri Shetty, Dr. Sweta Salgaonkar and Prajakta Auti participated as delegate in a Indian Society for clinical research pre-conference workshop on Causality Assessment of SAEs on 7th Jan 2016 at Trident Hotel, Mumbai.
2. Presented papers / poster related to research ethics at conference:
 1. Katkar Janhavi made a poster presentation about “Profile of Institutional Ethics Committee” during the 16th International Conference, “Toward Research Ethics Harmonization in Asia and the Western Pacific”, organized by FERCAP on 20th to 23rd Nov 2016 at Bangkok, Thailand.

3. Publication related to research ethics in scientific journals

	Topic	Authors	Journal
1	An Audit of Protocol Deviations Submitted to an Institutional Ethics Committee of a Tertiary Care Hospital	Jalgaonkar SV, Bhide SS, Tripathi RK, Shetty YC, Marathe PA, Katkar JV, Thatte UM	PLOS ONE DOI:10.1371/journal.pone.0146334 January 6, 2016 :1-9
2	Is Coercion Involved in the Decision-Making of Medical Students Participating in Research? -A Cross-Sectional Study.	Vaidya P, Kamat S, Shetty YC, Singh KM.	Asian Bioethics Review March 2016 Volume 8, Issue 1; Pg 20-36.
3	Impact of recent regulatory notifications on the functioning of the Institutional Ethics Committee of a tertiary care teaching hospital in Mumbai	Bhide SS, Jalgaonkar SV, Katkar JV, Shetty YC, Tripathi RK, Marathe PA, Thatte UM	Indian Journal of Medical Ethics October-December 2016; Vol I, No 4 :210-14.
4	Serious Adverse Events Reports: Analysis and Outcome of Review by an Institutional Ethics Committee of a Tertiary Care Hospital in Mumbai, India.	Raakhi Tripathi, Padmaja Marathe, Sandip Kapse, Yashashri Shetty, Sandhya Kamat, Urmila Thatte	Journal of Empirical Research on Human Research Ethics 1556264616654809, first published on July 2016 11: 267-273 doi:10.1177/1556264616654809.
5	Abortion Rights: At Last, A Judgment of Shining Hope!	Johari V, Jadhav U.	Indian Journal of Medical Ethics. (Accepted for Publication)
6	An audit of the approval letters issued by Drugs Controller General of India to Ethics Committees in India	Bhide SS, Katkar JV, Mourya M, Gogtay NJ, Thatte UM.	Published in PICR Vol 7 /Issue 4/ Oct-Dec 2016 www.picronline.org

5. Winning Prizes for papers /posters related to research ethics at conferences:
 - o Mrs. Janhavi Katkar secured first place for poster presentation about “Profile of Institutional Ethics Committee” during the 16th Annual International Conference of the Forum for Ethical Review Committees in Asia and the Western Pacific (FERCAP) on 20th to 23rd Nov 2016 at Bangkok, Thailand.

Journal of Post-graduate Medicine (JPGM)

Journal of Postgraduate Medicine (JPGM) (Print ISSN 0022-3859, E-ISSN 0972-2823), is a quarterly peer-reviewed international biomedical journal published under the auspices of the Staff Society of Seth GS Medical College and KEM Hospital, India. The journal is published by Wolters Kluwer India Private Limited. JPGM promotes published papers by electronically supplying the records to the National Library of Medicine at the time of online publication, making it sure that the citations are retrievable from MEDLINE as early as possible. Similarly, the citations in MEDLINE are cross

linked from the official site of MEDLINE to the journal's site, thus the readership of published articles is increased many folds. The journal is registered with the following abstracting partners: Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO Publishing's Electronic Databases, Exlibris – Primo Central, Google Scholar, Hinari, Infotrieve, Journal Guide, National Science Library, OpenJGate, ProQuest, TdNet, AMED, MOSBY YEARBOOK. The journal is indexed with, or included in, the following: DOAJ, EMBASE/ Excerpta Medica, Index Copernicus, Indian Science Abstracts, IndMed, MEDLINE/Index Medicus, PubMed Central, Scimago Journal Ranking, SCOPUS, Science Citation Index Expanded, Web of Science. Its Impact Factor* as reported in the 2015 Journal Citation Reports* (Thomson Reuters, 2016) is 0.87 and 5 year impact factor is 1.050. The journal's full text is available online at www.jpgmonline.com and www.bioline.org.br/jp. The journal's website (www.jpgmonline.com) gets over 2,500 visitors every day. The journal allows free access (Open Access) to its contents and permits authors to self-archive final accepted version of the articles on any OAI-compliant institutional / subject-based repository. A new Editorial team took over from 1st July 2016 with Dr Sunil Karande (Editor); Dr Shirish Joshi and Dr. Manjula Sarkar (Associate Editors) and Ms. Mariya Jiandani, Dr Sweta Salgaonkar and Dr. Shilpa Sankhe (Assistant Editors). The achievements of the journal for the year have been: (i) All 4 issues have been published on time; (ii) launching of the JPGM iPad app (since 22nd January 2016) which has further increased its visibility, readership, and downloads for personal use; (iii) getting listed in the prestigious digital repository PubMed Central.

Department of Medical Education

Activities of Department of Medical Education from January 2016 – December 2016

- The Department of Medical Education of Seth GS Medical College & KEM Hospital conducted the 4th MCI FIME course from 28th March 2016 to 4th April 2016 [25 participants].
- Conducted Basic and Advance (FIME) Courses in Medical Education Technology.
- A fellowship programme, 'GSMC-FAIMER Regional Institute' was conducted in collaboration with Foundation for Advancement in Medical Education and Research (FAIMER) ECFMG, Philadelphia USA, to create educational leaders and bring about curricular change.

GSMC-KEMH MCI Nodal Centre

Courses conducted at the GSMC-KEMH-MCI Nodal Centre:

- 3rd Sensitization programme on Attitude and Communication (AT-COM) module for and Revised Basic Course was conducted from February 9th to 12th (27 participants).
- 4th Sensitization programme on Attitude and Communication (AT-COM) module for and Revised Basic Course was conducted in August- September (30th August - 2nd September 2016) with 29 participants.
- 5th Sensitization programme on Attitude and Communication (AT-COM) module for and Revised Basic Course was conducted from October 4th to 7th [29 participants].
- Workshop in Medical Education Methodology for Resident Doctors was conducted on 26th & 27th July 2016.
- Courses conducted at the institutions affiliated to the Nodal Centre
- GSMC-KEMH MCI- Nodal Centre has 15 colleges affiliated to it: 11 from Mumbai and Navi Mumbai, 2 colleges from Aurangabad, 1 college each from Dhule and Valsad. The faculty from these institutions have attended the MCI Basic Course in Medical Education Technology.

GSMC FAIMER Regional Institute

- The Twelfth GSMC FAIMER Regional Institute programme was conducted at Seth G S Medical College & KEMH, Mumbai from 18th April to 27th April 2016. A total of sixteen fellows from all over India and Middle East countries participated in the programme. The FAIMER faculty, John Boulet inaugurated the programme.

Faculty Members of Department of Medical Education also attended several workshops and conferences throughout the year.

NCHPE 2016 was conducted from 23rd to 26th November 2016 at Pramukhswami Medical College, Karamsad, Gujarat.

ORACON - ORATIONS held at the Institute

It is organised jointly by DDF, DJST, GOSUMEC Alumni Association, Research Society and Staff Society.

ORACON 16: 21st January, 2016 - MLT

- Dr.U.K.Sheth Oration delivered by Dr Ashok Kirpalani on "Recent Advances in the Management of Hypertension." Chairperson: Dr. N K Hase, Dr. V N Dadkar
- Dr.Sindhu R Pandit Oration delivered by Dr. Deepak Dave on "Value Based Success." Chairperson: Dr. Sharad Gogate, Dr. Lopa Mehta

ORACON 16: 27th April, 2016 - MLT

- Dr. T.O.Shah Oration delivered by Dr. Nishit Shah on “Trek to the Skull Base Camp”. Chairpersons: Dr. Milind V Kirtane, Dr. Atul Goel
- Dr. M.D.Motashaw Oration delivered by Dr. Subramania Iyer on “The sure way to success-Build up a team”. Chairperson: Dr. Alan Almeida, Dr. Niteen D Karnik

ORACON 16: 9th August, 2016 - MLT

- Dr. Manek.P.Bhagat Oration delivered by Dr. Raju Khoobchandani on “Pediatrics Rheumatology- A clinician’s Haven.” Chairpersons: Dr V R Joshi, Dr R K Anand
- Dr. Ivan Pinto Oration delivered by Dr. Anway Mulye on “Heart transplant: Challenges and opportunities” Chairpersons: Dr. Anil Tendolkar, Dr P A Kale
- Dr. V.N.Bagadia Oration delivered by Dr. Savita Malhotra on “Telepsychiatry: A novel approach for mental health care delivery”. Chairpersons: Dr. Nilesh Shah, Dr Sanjay Bagadia

ORACON 16: 7th December, 2016 - MLT

- Dr. A.C Duarte Monteiro Oration delivered by Dr. Sathya Subramni on “Septic shock and alpha block”. Chairpersons: Dr. Milind Nadkar, Dr. Pushpa Pazare
- Dr. GM Kurulkar Oration delivered by Dr. Nupur Kapoor Nerurkar on “Tweaking Laryngeal Anatomy in Phonosurgery” Chairperson: Dr. Lopa Mehta.

Poor Box Charity Fund [PBCF]

PBCF was instituted by a standing committee resolution in 1926. Donations are collected in this fund from various donors and from various sources such as Prime Minister’s National Relief Fund, Chief Minister’s Relief Fund, Siddhi Vinayak Trust, Mahalakshmi Trust, Mahalakshmi Trust, Saibaba Sansthan, Shirdi, etc. The money is used for poor and deserving patients after necessary sanctions are obtained. Money is also deposited for performing certain procedures or tests.

Research Society

The office bearers and executive committee member of Research Society are as follows:

Hon. President: Dean & Director Dr. A N Supe, Hon. Vice President: Dr. Manjula Sarkar, Hon. General Secretaries: Dr. C Sathe, Dr. N.Sawant and Hon. Treasurer: Dr. M. G. Karmarkar.

Executive Committee members: Dr. SH Ravat, Dr. RR Shinde, Dr. L Rajgopal, Dr. L Chandan, Dr. R Tripathi, Dr. K Joshi, Dr. J Kale, Dr. B Mhatre

Research grants of Rs 50000 each were given to Dr. U Thatte [Clinical Pharmacology], Dr. Preeti Mehta [Microbiology], Dr. Sharmila Jalgaonkar [Pharmacology], Dr. D G Kurlle [Pharmacology], Dr. Shirish Joshi [Pharmacology], Dr. Uday Khopkar [Skin] in the first set of 2016.

Research grants of Rs 50000 each were given to Dr. NN Rege [Pharmacology], Dr. Nithya Gogtay [Pharmacology], Dr. Mamta Muranjan [Pediatrics], Dr MG Karmarkar [Microbiology], Dr. Raakhi Tripathi [Pharmacology], Dr. Siddharth Deshpande [Clinical Pharmacology], Dr. Swarupa Bhagwat [Transfusion Medicine] in the second set of 2016.

Educational Grant :

- Grant of Rs. 25000/- was sanctioned for the scientific program for UG students Confluence 2016.
- Rs. 10000/- was sanctioned as a grant for Anesthesia CME

Research Society has received grants in 2016 for ongoing and new projects under taken by various departments viz Cardiology, Neurology and Clinical Pharmacology.

Staff Society

The executive Committee members and office bearers of Staff Society from January to December 2016 were:

Office bearers:	President	Dr. Avinash N Supe	Dean
	Vice President	Dr. Amita Joshi	Pathology
	Treasurer	Dr. Surekha Prabhu	Biochemistry
	Hon. Secretary	Dr. Jaimala Shetye	Physiotherapy
	Hon. Jt. Sec.	Dr. Santosh Salagre	Medicine
	Editor JPGM	Dr. Nithya Gogtay	Clinical Pharmacology till June 30, 2016
		Dr. Sunil Karande	Pediatrics from 1 st July 2016

Executive Committee Members - Dr. Harish Gaikwad, Dr. Venkatesh Rathod, Dr. Priyanka Prasad, Dr. Yashashri Shetty, Dr. Ravindra Deokar, Dr. Sujata Lavangare, Dr. Heena Merchant, Dr. Tukaram Jamale, Dr. Aakash Shukla, Dr. Surendar Bava, Dr. Neelam Sathe, Dr. Suchin Dhamnaskar, Dr. Kapil Agrawal, Dr. Meena Satia and Dr. Sweta Salgaonkar

Monthly Scientific Meetings: 7

Guest lectures:

- 194th Meeting held on 29th January 2016: Guest lecture by Col. Uday Agashe (Retd), Indian Army on “Celebrating India as a Republic”
- 196th Meeting held on 28th March 2016: Guest lecture by Dr. Pradeep Bhosale on “My journey in KEMH”. Dr. Garasia retired Prof. and Head of Anaesthesia and Dr Bhosale, retired Prof and HOD, orthopedics were felicitated for their contribution to the institute. Newly appointed faculty and promoted staff were also welcomed in this meeting
- 197th Meeting held on 12th July 2016: Guest lecture by Dr. Nandini Vallath on “Foreseeing & Foretelling skills.”
- 198th Meeting held on 5th August 2016: Guest lecture by Dr. S. V. Vaidya on “From Knees to Bliss.”

Staff & PG - paper & e-poster presentations:

195th meeting held on 24th Feb 2016:

- PG Paper presentation competition was held in which entries from the departments of Pediatric Anesthesia, Psychiatry, Pharmacology and Neuro-Anesthesia were selected.
- Judges were Dr. ND Moulick, Prof and Head Medicine LTMG Sion, Dr. Shobna Bhatia, Prof. and Head GI and Dr. Uday Khopkar, Prof. and Head Dermatology. 1st prize was awarded to Dr. Raylene Dias, DM Pediatric Anesthesia Title: “Critical incidents in Pediatric Anesthesia- A Prospective analysis over 1 year period”
- PG e-Poster presentation competition had participants from the departments Anesthesia, Microbiology, Pharmacology and Pathology
- Judges: Dr. Mala Kaneria, Prof and Head, Medicine TNMC and Nair Hospital, Dr. Gajanan Velhal, Prof. Community Medicine and Dr. Lakshmi Rajgopal, Prof. Anatomy KEMH
- 1st prize: Kritarth N Singh Pharmacology Title: “Is coercion involved in the decision-making of medical students participating in research? A cross-sectional study”.
- 2nd Prize: Mangesh Londhe Pathology. Title: “Rare types of gall bladder cancer - A report of twelve cases”

199th Meeting held on 23rd September 2016:

- PG Paper presentations from the department of Pediatric Anaesthesia, Plastic Surgery, Physiology and Gastroenterology. Judges: Dr. AK Gwalani –HOD Surgery, Dr. M Y Nadkar – Prof. Medicine, Dr. Y C Shetty – Ass.Prof. Pharmacology and Dr. T Jamale– AP Nephrology, Seth GSMC& KEMH
- 1st prize: Dr. Raylene Dias, DM Pediatric Anesthesia, Title: “A Randomized Comparative study of Oxiport Miller laryngoscope versus Miller laryngoscope for neonatal and infant intubations.”
- 2nd prize: Dr. Sangeet Sawrav Gastroenterology, Title: “Prevalence of Hepatopulmonary syndrome in patients of Budd-Chiari syndrome is low

PG e -Posters presentation

- From the departments Pharmacology, Physiology, Pediatric Anesthesia, Gastroenterology & Cardiovascular Anesthesia
- Judges: Dr. Gita Nataraj – Prof. Microbiology, Dr. D Shenvi – HOD Physiology, Dr. Karande– Prof. Ped. Medicine & Dr. Rujuta Hadaye – Prof. Community Medicine, Seth GSMC and KEMH
- 1st prize: Dr. Abhinav Jain Gastroenterology. Title: “Assessment of coagulation parameters in HVOTO”
- 2nd Prize: Dr. Azho Kezo Fellow cardiovascular Anesthesia. Title: “Audit of anxiety levels in preoperative period in surgical patients in teaching institute”

200th Meeting held on 7th October 2016

- Paper presentation from the faculty of department of Anaesthesia, Physiotherapy and OBGY.
- Judges: Dr. NK Hase –Hon. HOD Dept. of Nephrology and Dr. NN Rege- HOD Dept. of Pharmacology Seth GSMC and KEMH, Dr. Bharati Tendolkar – Prof. Anesthesia – LTMMC Sion Hospital and Dr. Reena Wani – Addl. Prof. OBGY Cooper Hospital
- 1st prize: Dr Anjana S Wajekar, Asstt. Prof., Dept of Anaesthesiology. Title: “A prospective, randomized single blind study of sevoflurane versus desflurane, with dexmedetomidine, on the intraoperative haemodynamics and postoperative recovery for trans-sphenoidal pituitary surgeries.”
- 2nd prize: Apeksha S. Ingle Junior Physiotherapist Dept of Physiotherapy. Title: “Right/ Left Discrimination Task Assessment in Complex Regional Pain Syndrome”

Staff e-Posters

- Presentation from the department of Anesthesia and OBGY

- 1st prize: Dr Kimaya Mali Asstt Prof, Dept of OBGY. Title: “Maternal and Fetal Outcome in term patients with previous one Lower segment caesarean section”

JPGM Election

- Election for the post of EC of JPGM for below mentioned posts was held on 04/01/2016. The entire election process was under supervision of two election officers (Dr. Amita Joshi, Dr. Yashashri Shetty) appointed by the President, staff Society
- Total staff members who casted the votes were 219 out of 360, of which 1 was invalid, 3 did not vote for Editor's post
The elected members were:
 - o Dr. Sunil Karande (Editor),
 - o Dr. Shirish Joshi (Associate Editor)
 - o Dr. Manjula Sarkar (Associate Editor)
 - o Ms. Mariya Jiandani (Assistant Editor)
 - o Dr. Sweta Salgaonkar (Assistant Editor)
 - o Dr. Shilpa Sankhe (Assistant Editor)

Executive Committee Meetings: 11

Annual General Body Meeting: 1 (19th August 2016 in MLT)

90th Glorious years - Foundation week celebration:

- A competition for creating logo and theme was organized by Staff Society. On the Foundation Day, special postal cover bearing the prize winning logo and theme was released at the hands of the Chief Postmaster General, Maharashtra Circle, Mr. Dash on 22nd January 2016
- Dr. Sweta Salgaonkar, Prof. Anesthesia for logo, Dr.R A Bhargava, DM Cardiology student for the best theme, Dr. Mridula Solanki, Addl. Prof. Community Medicine for the theme for back of the postal cover and Dr Santosh Salagre for cancellation stamp for the special cover were felicitated by the chief guest
- Dr Nithya Gogtay and Dr Santosh Salagre were felicitated for their significant contribution in the making of special poster cover and postal album
- JPGM App was also released on this occasion
- At present Staff Society have mementoes like Mug with logo and KEM Photo, Postal cover, New Album with postal stamp etc. for sale

Donations received:

- Rs. 10 lakhs was received from Dr. SR Kamat, Prof. Respiratory Medicine, KEMH for starting the oration in his name

Telemedicine Project Management Unit (TPMU)

Achievements and Highlights

- 6th Regional Workshop for Awareness of e-Health initiatives and establishment of Telemedicine Network was organized on 14th and 15th December 2016 for Nodal officers of 25 medical colleges having NKN connectivity from Maharashtra, Goa and Gujarat along with faculty from NRC, other RRCs, other medical colleges of MCGM and CDAC, NRC, Pune (Snomed CT).
- A video conferencing room has been created in the Library complex in KEM hospital which can be used by all departments for education as well as patient services.
- All lecture theaters, skill laboratory and operation theatres have been linked digitally.

Telemedicine Project Management Unit (TPMU)

Ministry of Health & Family Welfare, Govt. of India is implementing a green field project on e-health including Telemedicine on National Medical College Network (NMCN) for interlinking the Medical Colleges across the country with the purpose of e-Education and National Rural Telemedicine Network for e-Healthcare delivery. Seth G S Medical College and KEM Hospital has been identified as Regional Resource Centre (RRC), Western Region under National Medical College Network (NMCN). As per the requirement of NMCN a Telemedicine Project Management Unit has been constituted the details of which are as follows:

S. No.	Name	Designation
1	Dr. AvinashSupe - Dean	Chairperson
2	Dr. Preeti Mehta – Prof & HOD, Microbiology	Nodal Officer and Member Secretary
3	Dr. Kamakshi Bhate – Professor, Community Medicine	Member and I/C, Teleconsultation activities
4	Dr. PrithaBhuiyan – Prof & Head, Anatomy	Member and I/C, Digital Medical Lecture Theatre

S. No.	Name	Designation
5	Dr. Gita Nataraj, Professor, Microbiology	Member and I/C, e-Library
6	Dr. Nayana Ingole, Associate Professor, Microbiology	Member
7	Mr. Tushar Kotwal	Network administrator
8	Mr. Sandeep Mahendale	Facility Manager

Objective: To facilitate tele-education, tele CME, sharing of surgical and interventional skill, access to specialist consultations, access to digital library, etc. for medical and paramedical professionals by setting up modern information and communication technology enabled e-infrastructure in all government run medical colleges of the country. The network will be supported by high speed IP network to be provided under National Knowledge Network (NKN) scheme of Government of India.

Current activity:

Establishment of video conferencing facility in the library complex

Digitally linking all lecture theatres, anatomy skill lab and operation theatres

6th Regional Workshop for Awareness of e-Health initiatives and establishment of Telemedicine Network was organized on 14th and 15th December 2016 for Nodal officers of 25 medical colleges having NKN connectivity from Maharashtra, Goa and Gujarat along with faculty from NRC, other RRCs, other medical colleges of MCGM and CDAC, NRC, Pune (Snomed CT).

eResources to be procured for the library

Appointment of a Telemedicine Infrastructure and network administrator

Telemedicine activity: The Maharashtra Telemedicine Project was initiated as a collaborative project of Indian Space Research Organization (ISRO), Govt. of Maharashtra (GoM) and Municipal Corporation of Greater Mumbai. The project is one of the major initiatives under the National Health Mission (NHM). The KEM Hospital Telemedicine Center has been connected with Telemedicine Centers at Aheri, Alibaug, Chandrapur, Karad, Kamathe, Nandurbar, Navapur, Ratnagiri, Sindhudurg, Sawantwadi, Satara, Shahapur and Thane through a satellite link & Broadband connection. KEM Telemedicine Committee: Dr. Avinash Supe (Chairperson, Director – ME & MH and Dean, KEM Hospital), Dr. Sandeep Bavdekar [Member], Dr. Kamakshi Bhate [Member], Dr. Milind Tullu [Member] and Mr. Sandeep Mehendale [Facility Manager]. This year 8201 patients derived benefit of the expert advice from specialists of KEM Hospital. The disciplines whose opinions have been sought include anesthesiology, ayurvedic medicine, cardiology, cardio-thoracic surgery, chest medicine, dermatology, dentistry, endocrinology, gastro-enterology, gastro-enterology surgery, general medicine, general surgery, gynecology and obstetrics, hematology, neonatology, neurology, neurosurgery, ophthalmology, orthopedics, otorhinolaryngology, pediatric surgery, pediatrics, plastic surgery and radiology. Through this Telemedicine Center, KEM Hospital and Municipal Corporation of Greater Mumbai are providing their contribution for promotion of health of Maharashtra's rural populace. Many departments like Medicine, Gastroenterology, Transfusion medicine etc have used the KEM Telemedicine Centre facilities for scientific lectures, academic communications, case discussions, and training programs.

Grant received: A Grant-in-aid for FY 2016-2017 of Rs. 1,50,00,000/- has been received for maintaining the existing infrastructure and carrying out the activities under the NMCN project at RRC, KEM Hospital under various heads.

Womens' Development Committee

Established in November 2006. Comprised of representatives from the various cadres of teaching, non-teaching, nursing, clerical, labour staff and medical students. Current office bearers are Dr Avinash Supe [President], Dr Neena Sawant [Chairperson], Dr Ameet Fadia [Member], Dr Ravindra Deokar [Member], Dr. Yogita Patil (Member), Dr Mridula Solanki [Member], Dr Siddhi Chikhalkar [Member], Ms Rupali Borkar [Member], Ms Sadhna Bhatkhande [Member], Shri Tanay Dixit [Member], Smt Anjali Kharkar [Member], Smt Neha Dabholkar [Member], Smt Manasi Parab [Member], Smt Sharayu Naik [Member], Smt Lakhbir Bajwa [Member], Smt Meenakshi Dongre [Member], Shri Sanjay Khare [Member]. The WDC is looking after the welfare of women employees and students.

It has conducted the following activities this year

- Haldi Kumkum program with a talk on Maharashtra's Santanche Kirtikathan by Mrs Sapre.
- International Women's day: Talk show on Pledging for Accelerating Gender Parity Guests: Dr Sujata Aiyer, Swati Deshpande, Mumtaz Kathawala.
- Rim jhim ke Taraane. A program on rain songs where staff and students got an opportunity to show their singing talent.
- Talk on Rain Harvesting and its importance by Dy CE Suprabha Marathe.
- Understanding Brahnavidya for leading stress free lives was organized for staff and students.
- Courses on Brahnavidya started in campus for staff and students from Oct / November 2016.

Support Services

Support Services

Diet Department

The Diet department is playing key role in support services of hospital. It's activities starts at approximately 3.30am in early morning and ends at 5.30pm in the evening. Work of this department is divided in two parts i.e, Diet office and Dietician which are working with the co-operation of each other.

Diet dept has 26 schedule posts of workers (cooks) working in kitchen which include 1 Head Cook, 16 Cooks, 9 Cook mates and 1 Sweeper.

- The team provides entire days' meal to all indoor patients of hospital.
- Normal and therapeutic diets, Ryle's tube diet, Liquid diets are prepared and distributed to the wards.
- The services of tea and meal (Lunch & Dinner) are provided to approx 1500 patients daily. 400-500 Ryle's tube/Liquid diets are prepared daily.
- On the occasion of Independence Day, Diwali, Christmas, Maharashtra Day, and Foundation day of hospital, sweet dishes are prepared and served to all patients.
- All activities are carried out smoothly during all 365 days of the year despite shortage of approximately 10 workers daily due to leave adjustments, vacant posts and natural calamity.
- They also provide doorstep delivery of diet through trolley's to all wards situated in old building.

A. Diet Office:

- o Diet Department Office is manned by 1 Head Clerk, 3 Clerks, and 3 peons.

Duties Done by Diet Office:-

- Preparation of Summary Sheets, Milk Sheets, Tea Book, Bread Sheets daily.
- Placing purchase orders daily for vegetables and as per requirement for grocery and other articles.
- Receiving supply of milk, vegetables, grocery and other articles.
- The peons of diet office 2 times daily carry out milk distribution. They also help the donors in distribution who donates food, fruits etc. to the patients of this hospital.
- All dietary items are distributed from Diet Office.
- Diet Office also maintains stock of grocery, perishable and non-perishable items.
- Ledger Books are maintained. Issue, postings, balancing and billing work is also done.
- Contract and billing work of Nurses Mess of K.E.M. Hospital is also done.
- All activities are carried out smoothly during all 365 days of the year.

B. Dietician:

- o There are 5 dietician schedule posts, i.e Diet department- kitchen(2), CVTC(1), AKD(1) and ENDOCRINE dept(1) in K.E.M. Hospital. Endocrinology, kitchen and AKD dietician posts are vacant since last 11 years, 3years and 3 months respectively.
- o Some of the duties undertaken by the dieticians of the respective departments are as follows.

Diet Department kitchen

- Regular quality checking of the foodstuffs, i.e vegetables, dals, pulses etc.
- To solve the problems pertaining to the kitchen.
- Diet planning and counseling to all referred IPD and OPD patients.
- Lectures conducted for B.Sc/M.Sc nursing students regarding working of the kitchen and other procedures carried out in the department.

Nephrology Department

- Daily ward rounds in AKD ICCU, post renal transplant, dialysis.
- Diet planning and counseling for Renal OPD and IPD patients

CVTS Department

- Daily ward rounds in ICCU, IRCU, LIC.
- Diet planning and counseling to Cardiac and Chest medicine OPD and IPD patients.

Endocrinology

- CVTC dietician is looking after O.P.D as well as IPD patients of endocrine department since last 12 years.
- Currently there are only two dieticians in KEM hospital looking after all the four departments.

- Post graduate students are given practical training (internship) after their course completion and also for Registered Dietetic examination as per the college curriculum.
- Dieticians have to assess the research work and case studies of the post graduate students during their course of internship and carry out their own research activities.

Engineering [Civil]

- Civil department in KEM hospital manages the day to day CIVIL maintenance of hospital buildings for smooth functioning of Hospital activities in coordination with various departments.

In 2016 following major activities are carried out:

- Repairs and renovation of first floor Admin block of the old building; KEM hospital through turnkey project for installation of new DSA machine is completed.
- Repairs and renovation of ground floor for installation of MRI machine through turnkey project for old building , KEM Hospital
- Repairs and renovation of ground floor for installation of PET-CT machine through turnkey project in Nuclear Medicine Department , Orthopedic Hospital building, KEM Hospital
- Construction of “Visawa” for patient’s relatives near gate no. 07 in KEM Hospital campus
- Beautification and improvement of KEM campus through CWC agency available in KEM hospital
- Renovation of staff quarters within KEM Hospital Campus
- Improvement of drainage line in phase wise manner surrounding college campus
- Providing of mosquito proof arrangement to all water tanks so as to abate the nuisance of dengue, malaria
- Major external repairs and terrace waterproofing work of MS building is in progress(90%) completed by the department Dy.Ch.E.(HIC) of MCGM
- Improvement of Bituminous Road from UGPG hostel to main canteen in KEM Hospital

Engineering [Mechanical and Electrical]

- Mechanical and Electrical engineering departments in KEM Hospital manage major activities like repairing and maintaining all medical equipments and machines, lifts, D.G sets, air conditioning systems, electrical fixtures, electrical rewiring, central oxygen, central suction, central N2O system and fire safety systems.

Library

Highlights & Achievements:

- Seth G.S.Medical College,Library Subscribed 155 journals, and purchased 56 books. The online access to all journals was made available on Intranet.
- Subscribed medical database, ‘Clinical key’ from Elsevier Co. All the journals from Elsevier Co. including ‘clinics on all subjects’ will be available online & 656 e-journals and 1135 e-books are available online through this Database on Intranet.
- Online access to 83 e-books and 146 e-journals available on “Ovid MD” medical database.
- 161 e-books and more than 2000 e-journals and “Times of India” (1838-2007) are available on “Proquest” medical database . Links are available to all on Intranet.

Subscribed following 5 databases + e-resources and Online access

- Proquest Health and Medical
- OVID MD
- Aclan Anatomy
- Uptodate
- JAMA and Archives
- Wiley Core Collection

Others

- ‘Remotexs’ has been started from July 2016 to maximize usage of subscribed e-resources and systematically imbibe research values among our library patrons.
- Arranged “Book Exhibition” of Jaypee Brothers in September
- Arranged orientation program for undergraduates

- AV room converted into a video-conferencing room
- Access medicine' from Mcgraw-Hill Education- 1st Sept 2016 to 30th Sep 2016: free trial access
- BMJ Best Practice & BMJ case reports' – 13th Apr 2016 to 12th May 2016: free trial access

Holdings

- All resources available on the intra net of the institution
- Online resources available under "Library Resources"

Donations and Grants

- 75,000 from Gosumec Alumni Association
- Received membership of National Medical Library's ERMED consortia with access to 243 online journals

Looking Ahead

- To subscribe more databases such as Clinical Key, Ovid MD, and planning to subscribe Micro medics and more e-books, so that Doctors will get relevant latest information immediately on Intranet.

Equipment

- Proposal put up for Compactors/ Steel trolley type racks i.e. compactors for keeping bound volumes. It saves the space in the Library and more space is available for reading.

Medical Stores

Mr.Gurav -Head Clerk (Medical-Store)

- The medicines procured by the Medical and General Stores is being approved by the Pharmacy Dept.
- Four Pharmacists are posted in the Medical Stores.
- This department conducts procurement, storage and distribution of medicines to various ward, departments and operation theatres

Staff Working at Dispensary

- The Medical Stores is governed by Supdt. of Pharmacy, Smt. Madhuri G. Doiphode
- Pharmacists

Pharmacy

- The Pharmacy Dept. performs steam sterilization and E.T.O. gas sterilization of materials received from wards and O.Ts.
- Preparation of E.D.T.A., Fluoride, Phenol bulbs and sterile empty bulbs required for collection of blood & urine samples for the O.P.D. and indoor patients.
- Supply of sterile distilled water and distilled water to wards and laboratories and various B.M.C. garages in Mumbai.
- Orientation given on functioning of C.S.S.D., Pharmacy, functioning of stores, various dispensing units, preparation of various mixtures, ointments, lotions and distillation unit delivered to students of Diploma and Degree College of Pharmacy and to post graduate Hospital Administration students on their hospital visit.

Staff

- Smt. Madhuri G. Doiphode -Supdt. of Pharmacy
- Mr.Sucheta J.Potdar -Dy. Supdt. of Pharmacy
- Mr.Sheetal V.Chandan-Pharmacist
- Laboratory Technicians
- Laboratory Assistants
- Laboratory Attendants

Dispensary

- Most of the medicines are dispensed through 5 units (1 Main unit is working round the clock) to the O.P.D. patients and various preparations as per K.E.M. formulary like Glycerine Acriflavine, Glycerine Magsulf, M. S. liniment, Acne Lotion and Eusol Soln. for indoor patients from Dispensary.

Staff Working at Dispensary

- Head Pharmacist, Mr. Vinod Gamare
- Senior Pharmacists
- Pharmacists

Contact Information

Contact Information

Department name	Designation	Mobile	Intercom	Landline	E-mail Address
Administration					
Avinash Supe	Dean	9820703191	7700	---	---
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Chetana Kantharia	Deputy Dean i/c	9869239482	---	---	---
Ajay Rana	Asst. Dean 1	9821274483	7053	---	---
Manoj Telkatkar	Asst. Dean 2	---	7032	24107032	---
Lokhande	Joint Personal Officer	---	7048	24107048	---
S. Chavan	Administrative	---	7019	24107019	---
Sunita Wyal	A/O Labour	---	7442	24107442	---
Pangam	A/O Store	---	7442	24107442	---
Patwardhan	A/O College	---	7434	24107434	---
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Sayeed.A.M. Godad	Sub Engineer	9821830423	7454	---	---
Engineering (Mechanical & Electrical)					
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Sushas Mukadam	Sub.Engineer	9892757434	7456	24107456	---
Hiten Rane	Sub Engineer	9324647185	7799	---	---
Rajesh Badwaik	Junior Engineer	9665335753	7456	---	---
Furniture & Linen					
Dilip Pratap	Head Clerk	---	7403	24107403	---
Nursing					
Arundhati Vellal	Matron	---	7013	24107013	---
Lata Kamble	Sr. Asst. Matron	---	7013	---	---
Kusum Katakdaund	Sr. Asst. Matron	---	7013	---	---
Sujata Wagh	Jr. Asst. Matron	---	7013	---	---
Social Service					
Vijaya Naik	HOD SSD I/C	---	7430	---	---
Sangeeta Kasbekar	SSD	---	7421	---	---
Sadhana Bhatkhande	SSD	---	7311	---	---
Shambho Dalvi	SSD	---	7088	---	---
Tara Kedare	SSD	---	7484	---	---
Ravindra Ingole	SSD	---	7421	---	---
Rajesh Kamble	SSD	9869001865	7430	---	---
Subhash Salve	SSD	---	7489	---	---
Prakash Sawant	SSD	9869654784	7421	---	---
Narayan Kokani	SSD	9969656651	7079	---	---

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Deepak Shingane	SSD	---	7055	24107055	---
Rupali Gujar	SSD	9892355061	7056	---	---
Ashwini Patil	SSD	---	7820	---	---
Dadaso Sonwalkar	SSD	9869647294	7430	---	---
Koli	SSD	---	7271	---	---
Uma Jadhav	SSD	---	---	24107096	---
Sarala	SSD	---	7511	---	---
Vijay Rathod	SSD	---	7511	---	---
Alpita	Clerk cum Typist	---	7271	---	---
Diet					
Dilip Pratap	Head Clerk	---	7403	---	---
Safala Mahadik	Sr. Dietician	9769304734	7865	---	safalmahadik@yahoo.com
Shruti Shettigar	Dietician	---	---	---	---
Neha Shintre	Dietician	9892032880	7404	---	neha2910@gmail.com
Bhakti Tulaskar	Dietician(AKD)	---	---	---	---
Deepa Nachankar	Dietician(Endo)	---	---	---	---
Linen					
Dilip Pratap	Head Clerk	997100653	7403	---	---
Sushil Sawant	Clerk	9821217487	7403	---	---
Shrikant Lokegaonkar	Clerk	9870379060	7403	---	---
Laundry					
Dilip Pratap	Head Clerk	997100653	7403	---	---
Virsingh Kamble	Assistant	---	7323	---	---
Jamil Ahmed Khalil Ahmed	Assistant	---	7323	---	---
Sidharth More	Assistant	---	7323	---	---
Kisan Gawit	Assistant	---	---	---	---
Library					
Maduri Khochikar	Chief Medical Librarian	---	7499	24107499	info.library@kem.edu
Snehalata Ghule	Junior Librarian	---	7499	24107499	---
Shreya Sapre	Junior Librarian	---	7499	24107499	---
Narendra.D.Geete	Library Assistant	---	---	---	---
Ravindra S. Bamane	Library Assistant	---	---	---	---
Suresh Gurav	Library Assistant	---	---	---	---
Ravindra S Patil	Library Assistant	---	---	---	---
Mangleshwar Sharma	Library Assistant	---	---	---	---
Deepak Salve	Library Assistant	---	---	---	---
Yatin C Laghate	Library Assistant	---	---	---	---
Datta Parvate	Library Assistant	---	---	---	---
Ganpat V Kamble	Library Assistant	---	---	---	---
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Ajit Kadam	Library Attendant	---	---	---	---
Datta Gelye	Servant	---	---	---	---
Deepak Dethe	Servant	---	---	---	---
Ramesh Rathod	Servant	---	---	---	---

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Sucheta Potdar	Dy. Supdt. Of Pharmacy	---	7250	---	---
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Hearing loss settling early, caution doctors

TIMES NEWS NETWORK

Mumbai: Modern-day living contributes immensely to hearing impairment, said doctors on the eve of International Week of the Deaf. Overuse of mobile phones and earbuds to music, construction site noise, could be contributing to the growing incidence of hearing loss. "One would expect hearing to set in after 45 years of age, but nowadays we get people in their early 30s with hearing loss," said Dr. Neelam Sathe, head of the ENT department of Sir J. J. KEM Hospital, Parel. "Hearing loss is a progressive disease and if not treated early, it can lead to total deafness."

GROWING SOUNDS OF SILENCE

- > About 5% of the world's population (360 million people) have disabling hearing loss, 32 million of these are children
- > Disabling hearing loss is defined in adults (15 years and older) as hearing loss greater than 40dB in the better hearing ear; children
- > 1.1 billion are at risk of hearing loss due to unsafe listening practices
- > Hearing loss can be caused by use of antibiotics, drug resistance
- > Occupational noise, hearing loss can become permanent

City's public hospitals gear up to treat injuries

Doctors Request Participants To Be Cautious

TIMES NEWS NETWORK

Mumbai: As the city celebrates Gokulashtami on Thursday, the city's public hospitals have geared up to treat injuries. In the last three years, at least four people have died and nearly 1,200 were injured in the festival that has come to face height restrictions from the Supreme Court. For some families though, the day of dahi handi is still a tradition. During the festival, people climb ladders to place milk on the statue of Lord Krishna.

ENSURE FIRST AID AT SITE

- > Making a human pyramid requires immense coordination, patience and agility. Ensure you have sufficient practice
- > Make sure there is a first-aid box at the site. There should also be a vehicle on standby to take any casualties to the nearest medical facility
- > Organisers must ensure all members forming the human pyramid have a chest guard, helmet, safety belt and harness
- > Organisers must get personal insurance of player
- > Take refreshments, especially water, and consider caps for shade, sunscreen cream



Sudhir Srivastava of KEM Hospital

Dr. Sudhir Srivastava, head of the orthopaedic department at KEM Hospital, said that the hospital is prepared to treat any number of casualties, though last year we did see many serious cases. He recalled a man with a wife and child who fell from the top of a dahi handi and was paralyzed from the neck down. There was a chance of recovery, but the doctors stabilized his spine and he is now in a wheelchair. He said that the hospital is prepared to treat any number of casualties, though last year we did see many serious cases.

आपला डॉक्टर

२९ सप्टेंबर रविवार हा आधुनिक हृदयविज्ञान मध्ये नवीन काळाचा जन्म देतो. त्यानिरासित आहे की हृदयाचा गुणवत्ता...

आधुनिक उपचार

हृदयाचा उपचार करताना डॉक्टरांना अनेक गोष्टींचा विचार करावा लागतो. त्यातूनच आधुनिक उपचार विकसित झाले आहेत. त्यातूनच आपला डॉक्टर...

हृदयाची गोष्ट

हृदय हा आपला मित्र आहे. त्याला योग्य प्रकारे वाचवा. हृदयाची गोष्ट म्हणजे हृदयाचा उपचार. हृदयाचा उपचार करताना डॉक्टरांना अनेक गोष्टींचा विचार करावा लागतो. त्यातूनच आधुनिक उपचार विकसित झाले आहेत. त्यातूनच आपला डॉक्टर...

50 kids get free glucometers at KEM Hospital

On Monday, more than 50 poor children who suffer from juvenile diabetes were given free glucometers with strips and needles at an event organised at KEM Hospital.

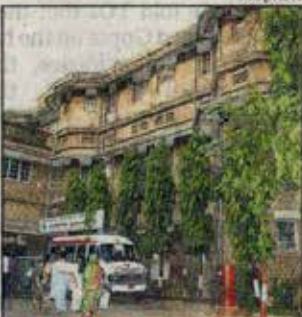
डॉक्टर-रुग्ण विसंवादासाठी सुविधांची वानवाही जबाबदार

डॉ. अविनाश सुपे, महानगरपालिकेचे वैद्यकीय निदेशक व प्रमुख रुग्णसंवादात, यांनी रुग्णांच्या समस्यांवर डॉक्टरांच्या दृष्टीने सुविधांची वानवाही जबाबदार असल्याचे म्हणले. डॉ. सुपे म्हणाले की, डॉक्टरांच्या दृष्टीने रुग्णांच्या समस्यांवर डॉक्टरांच्या दृष्टीने सुविधांची वानवाही जबाबदार असल्याचे म्हणले. डॉ. सुपे म्हणाले की, डॉक्टरांच्या दृष्टीने रुग्णांच्या समस्यांवर डॉक्टरांच्या दृष्टीने सुविधांची वानवाही जबाबदार असल्याचे म्हणले.

In BMC hosps, a ventilator for every ICU bed on cards

TIMES NEWS NETWORK

Mumbai: Given the acute shortage of ventilators, the civic administration is planning to upgrade all intensive care unit beds in its hospitals by adding a ventilator. The exercise, which may take a couple of years to complete, is likely to begin within the next three months. The BMC, which has three super-specialty hospitals, five specialty hospitals and 16 secondary-level hospitals, has approximately 1,000 ventilators.



BREATHE EASY: The BMC has already awarded tender for 200 ventilators

of ventilators, neonatal beds and diagnostic facilities offering CT and MRI scans," said Dr. Supe, who is also the dean of KEM Hospital in Parel. KEM Hospital has 324 ICU beds spread across various specialties such as medicine, surgery, neurology, among others, but has only 170 ventilators. Regarding neonatology, Dr. Supe said that steps were being taken to increase the number of paediatricians in the BMC health system. "We are planning to enlist consultants," he said.