



ANNUAL REPORT

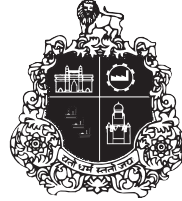
2023



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

BRIHANMUMBAI MUNICIPAL CORPORATION



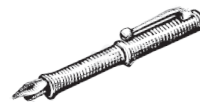


Seth G.S. Medical College & King Edward VII Memorial Hospital
Brihanmumbai Municipal Corporation

A N N U A L R E P O R T
2 0 2 3

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F r o m t h e D e a n ' s d e s k



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 90 years, 10 lakh patients and 60,000 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.

This year too, the institute pushed forward to excel and touch glorious heights. The Department of Cardiovascular and Thoracic Surgery along with the department of Radiology established a centre of excellence for management of aortic aneurysms and also obtained a license for starting heart transplants. The Department of Clinical Pharmacology was recognized by the Indian Council of Medical Research (ICMR) as a centre for conduct of Phase I clinical trials in the country as part of a national network of centers. The medical gastroenterology department along with Radiology established intervention for Hepatology and a workshop on spiral enteroscopy. The General Surgery procured advanced laproscopic surgery systems and conducted many successful surgeries. The Microbiology department operationalized a VITEX MS prime system for speciation and successfully continued their NABL accreditation. Their Mycobacterial laboratory was recognized by the ICMR as a center for validation of TB diagnostics. Nephrology established a glomerular nephritis registry and conducted 35 renal transplants while Neurology digitized their epilepsy health records. Nuclear Medicine established a DOPA PET CT for movement disorders and Pathology begun point of care testing for Il-6 and D Dimer. Physiology digitized the undergraduate educational grants, Plastic Surgery set up a tissue bank and Psychiatry set up a dedicated deaddiction ward. For students and residents, a new badminton court and table tennis tables were made available.

A glorious paradox of an educational institute is that while the alumni grow old, the Alma Mater grows, forever young. As the institute is rapidly moving towards its centenary, 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, 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. The words of Bob Dole always resonate especially at the beginning of the year- - “When it’s all over, it’s not who you were. It’s whether you made a difference”.

A handwritten signature in cursive script, reading 'Sangeeta Ravat', written over a horizontal line.

Dr Sangeeta Ravat

Dean - Seth GS Medical College and KEM Hospital

January 2023

Editor's Note...



In the first month of 2024, we are ready to embark upon yet another 12-month journey and look forward to foundation day of the institute. It is now time to take stock and look at the year that was—what was achieved, what went wrong, where we could 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 achievement and changes, both minor and major that have taken place in the last year-2023.

The experience of putting this document together has been both humbling and enlightening. A huge thank you is due to Dr Sangeeta Ravat, Dean for her faith in me, her patience, vision and tenacity of purpose. Gratitude is also due to Dr Harish Pathak, Dean (Academics) and Dr Mohan Desai (Medical Superintendent) for their constructive inputs and support. This has helped shape the document.

I am thankful to all heads of department and staff members for sending information well in time for the release of this document. The editorial team [Shruti Bhide, Gita Nataraj] that helped me put the report together deserves sincere thanks. I owe a debt of gratitude to the students of my department—Ananya, Roopa, Sujeet and Vijayadhaarani for their untiring efforts at follow up and help with editing and formatting. I would like to thank Mr Kalpesh and Trivedi Sir 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. Thanks, is also due to all the societies of the institute that have funded the printing of this document.

While the compilation has been done over three weeks 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 and the trials and tribulations of the myriad people who make these institutes what they are come through and we look ahead to 2024 with new hope and zest.

A stylized handwritten signature in black ink, appearing to read 'Nithya'.

Nithya Gogtay

Editor In Chief – Annual Report 2023

January 2024

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Seth G.S. Medical College & KEM Hospital

Seth G.S. Medical College & KEM Hospital

Vital Statistics

Sr. No.	Description	2023
1	Scheduled Beds	2,250
2	Total No. of Admissions	64,520
3	Daily Average of Admissions	177
4	Total No. of New O.P.D. patients	5,69,947
5	Daily Average of New OPD patients	1,894
6	Total No. of Old O.P.D. patients	12,22,236
7	Daily Average of Old OPD patients	4,061
8	Total attendance (New & Old patients)	17,92,183
9	Daily Average of OPD attendance (New & Old patients)	5,955
10	Total No. of Surgeries	66,636
	Major	31,054
	Minor	35,582
10a	Scopies	8,823
11	Total No. of Deaths	5,722
12	Death Rate	11.28%
13	Total attendance in Casualty	1,43,098
14	Total No. of Medico legal cases	35,461
15	Total No. of In-patients days	5,16,400
16	Daily Average of Bed Occupancy	2054 (91%)
17	Average of patients stay in ward (In - patient)	8
18	Total No. of Deliveries	4,960

Human Resources - Outline

Nursing staff

• Matron	001
• Sr. Assistant Matrons	003
• Sisters	113
• Sister Tutors	19
• Ward Assistants	012
• Theater Assistants	008
• Theater Superintendent	002
• Staff Nurses	870

Undergraduate Medical Students

• I MBBS	254
• II MBBS	259
• III MBBS (First Part)	250
• III Final year	246

Admissions

• MD	172
• MS	90
• Diploma	001
• DM	029
• MCh	020

Filled posts (Clinical, Pre-clinical, Para-clinical)

• Professors	106
• Associate Professors	168
• Assistant Professors	284

Junior Residents

• JR-I	275
• JR-II	523
• JR-III	

Senior Residents

• SR-I	050
• SR- II	047
• SR-III	054

Other Residents

• House Officers	045
• Registrars	093
• Fellows	040

Achievements and Highlights

Achievements and Highlights

Anatomy

- Organised G M Kurulkar Oration by Dr K Shyamkishore: Topic- Vector Analysis of Muscle Movement in December 2023
- Organised Dr. Shirwalkar general proficiency scholarship examination in September 2023
- Faculty members chaired sessions at various conferences and delivered guest lectures.

Anesthesia

- Department organised WAD 2023 conference
- 12 Bedded New Post Anaesthesia Care Unit (PACU) is started on 2nd floor, Main Building, KEM Hospital.
- Department organized multiple workshops and CMEs. Faculty chaired various sessions and also served as panelist.

Biochemistry

- COPYRIGHT Registered: The Criteria based on teaching hours and clinical significance for weightage calculation of content areas in CBME. Dr Yogesh Pawade, Anita Chalak and Dipti Pawade. ROC Number: L-121993/2023.Dated 22/05/2023
- COPYRIGHT Registered: Evaluation tool for implementation process of foundation course in CBME. Dr Anita Chalak, Dr Yogesh Pawade and Dr Shivaji Chalak. ROC Number: L-129729/2023.Dated 14/07/2023
- Department organised National Conference of Association of Medical Biochemists of India (AMBI 2023)
- Faculty served as moderator and resource faculty for various workshops

Cardiology

- The department was first amongst MCGM hospitals to start a 24/7 program for emergency care of all heart attack patients. This Program called the “PAMI Project” has helped more than 120 patients till date.
- The Cardiopulmonary Exercise Test (CPET) machine received in grant from The Indian Hume Pipe Co Ltd, has helped in management of more than 100 patients of Heart failure.
- The Department has also acquired a new state-of-the-art 2D echo machine “PHILIPS AFFINITY CVx” enabled with advanced features like LA and LV strain, RV strain and transesophageal echo capabilities.
- Several complex interventions were performed in the Cath lab, including Transcatheter Pulmonary valve Replacement, Transcatheter Aortic valve Replacement, neonatal BAV, BPV, coarctoplasty, coarctation stenting and PCI of left main coronary lesions, complex bifurcations, OCT, rotational atherectomy, physiologic (His bundle and Left bundle) pacing.

Cardiovascular and Thoracic Anesthesia

- Dr Sanjeeta Umbarkar was invited as expert faculty as moderator in a session On Recent advances in Cardiac Anaesthesia in WAD 2023 and Panelist in Maha ISACON
- Anaesthesia for several complex interventional procedures performed in Cath Lab and Pulmonary intervention
- Department organized several CMEs and Symposia

Cardiovascular and Thoracic Surgery

- Minimally Invasive Cardiac Surgery gained momentum and now includes surgeries of congenital heart disease, valve replacements, valve repair. single and multi-vessel coronary disease..
- Development of centre of excellence for interventional aortic aneurysm procedures in collaboration with Department of Radiology.
- Extending Valve repair procedures.
- Completed study of FOLDEX Aortic Heart Valve - a biopolymer heart valve, as one of the centres participating in Foldex Trial.
- Procured license for heart transplant programme in Seth GS Medical College and KEM Hospital, Mumbai.
- Started Vascular Lab to train cardiac surgeons.
- Endotrainer simulator added to vascular lab for training for MICS and VATS.

Clinical Hematology

- Started Multidisciplinary Clinic for persons with hemophilia on 11th floor inaugurated by respected Dean Madam.
- Department received Extramural Grants from ICMR for a study on Thalidomide and Hydroxyurea as add on therapy in patients diagnosed with transfusion dependent and non transfusion dependant thalassemia- A Multicentre randomized placebo- controlled trial.
- The Department also runs International hemophilia training center and **Comprehensive Hemophilia Care Center** with 1250 patients of hemophilia registered in our institution for treatment. Prophylaxis is the standard of care.

Clinical Pharmacology

- Two Pharmacovigilance 'Advanced Level Training' Workshops were conducted as a Regional Training Centre under the aegis of Pharmacovigilance Program of India (PvPI)
 - o Recognised by ICMR as a Centre for Phase -I clinical trials network
 - o Developed and validated method for estimating hydroxyurea in human plasma samples by High Performance Liquid Chromatography (HPLC)
 - o Developed and validated method for estimating mycophenolate mofetil in human plasma samples by HPLC

Community Medicine

- Dr. Vijaykumar Singh, Professor and Head, Organized MMC CMEs in the Department:
- CME on "Breast feeding Sensitization" on 12th August 2023.
- Multidisciplinary Hybrid CME on "Integrated approach towards Geriatric Health" on 5th October, 2023.
- CME "Nutrition and Health" on 23rd October 23
- Faculties and residents attended various conferences along with International Conference - SANGAM (Summit of Academia Networking with Government, Allied Health Workers, and Medical Professionals) Conference on Health Systems Research and Innovation on 02/06/2023 – 03/06/2023 at Indian Institute of Technology Bombay (IIT Bombay).
- Faculty and residents bagged 16 prizes and awards.

Dentistry

- RVG and portable X-ray machine installed, used to evaluate endodontic treatment radiographically. Also helps in medically compromised patients treated under GA.
- Portable dental unit for cavity cutting used in patients treated under GA for restorations and Root Canal Treatment.
- New specialized equipments like apex locator and endomotor for advanced root canal procedures.
- Piezo surgical unit to ease disimpaction surgeries.

Dermatology

- Recently installed Multi-platform LASER (Er-YAG, Nd-YAG Q-switch, IPL) in the department benefitting patients of various dermatological disorders like Acne scars, Hair reduction, Pigmentation.
- Recently installed Excimer for skin repigmentation of the stable Vitiligo patients.
- Installation of Audio-Visual Patient Education Programme in Skin OPD regarding common dermatological conditions, their prevention and skin care.
- Started various research projects in collaboration with Microbiology, Psychiatric and Pharmacology departments

Endocrinology

- Faculty members presented papers at various national and international conferences.
- CMEs (online and offline) were conducted by the department.

ENT

- Department organized various workshops: Rotto sotto, temporal lobe bone workshop, cadaveric cochlear implant
- Faculty were invited as course director and panelist for various workshops

Forensic Medicine and Toxicity

- Department has been centre of reference for sensitive, complicated, medicolegal & sexual assault cases.
- Dr. Harish Pathak has been appointed as Nodal Officer of ROTTO-SOTTO.

- Inauguration of Special Cold Storage Facilities for Facilitating Cadaver Retrieval Training Workshops.
- Inauguration of Cadaver Laboratory for Cadaver Retrieval workshop in Collaboration with ROTTO-SOTTO Mumbai.
- Dr. Ravindra Deokar (Additional Professor) elected as MUHS SENATE Member for next 5 years and nodal officer at Digital Evaluation Centre.
- Faculty served as resource person at various medicolegal CME, CDE, GCP workshop, etc.

Gastroenterology

- Department has been chosen as Centre for training in hepatology- Interventional radiology fellowship by INSAL
- Spiral enteroscopy services started in collaboration with Olympus.
- Third space endoscopy services in the form of POEM procedures and ESD procedures
- Dr. Akash Shukla has been Nominated to the TRG of NVHCP, GoI and National surveillance program on NVHCP for MoH & FW, GoI.

General Surgery

- New Laparoscopic (Karl Storz) System for advance laparoscopy has been installed in JMT operation theatre.
- Conducted Live Operative Laser workshop and CME in the JMT operation theatre and relayed the surgery CVTS hall on 17th June 2023.
- Department is proud to have services for Basic and Advance Laparoscopic Surgeries, Surgery for Haematological disorder, Endocrine Surgery for endocrine diseases.

Medicine

- 30 Multipara Monitors & 1 USG & 1 2D Echo Machine for Critically ill patients.
- FAIMER Competency-Based Education Program (I FACE) conducted by International FAIMER Institute, Philadelphia for the year 2023- 24 by Dr. Santosh Salagre
- New MICU facility provided is running successfully

Microbiology

- The department recently installed and operationalized VITEK MS Prime based on MALDI-ToF technology, a state of the art equipment for rapid speciation/identification from culture of bacterial (including mycobacteria) and yeast isolates.
- Rapid tests for Hepatitis B, Hepatitis C and HIV (HHH) have been initiated in emergency laboratory.
- Successfully cleared desktop assessment for continuation with NABL accreditation. The department is due for renewal in 2024.
- Mycobacteriology division of Department of Microbiology has been designated as a part of “ICMR- TB diagnostics validation center” by ICMR.
- VRDL/Molecular division has been identified as an EQA panel supplier for COVID-19 and Influenza virus detection by molecular test.
- Continued participation in MAHASAR – Maharashtra State Antimicrobial Resistance Surveillance Network.

Neonatology

- Dr Ruchi Nanavati received NNF President’s Appreciation Award 2023
- Department of Neonatology recognized as the regional “Regional Collaborative Center for Facility Based Newborn Care” under National Reproductive and Child Health Program of Ministry of Health & Family Welfare, Government of India.
- IBCLC certification: Dr Anitha Haribalakrishna and Dr Shweta Mhatre from Department of Neonatology got certified as International Board certified Lactation consultants.

Nephrology

- Dr VN Acharya glomerulonephritis registry was established in January 2023.
- CAPD programme of home dialysis treatment was initiated and has enrolled 45 patients till date.
- **30** Live related renal transplants and **5** deceased donor renal transplants were done in 2023. All the patients are doing well with functioning graft.

- Nephrology lab successfully established and has been standardized for evaluation of Urinary Calcium /creatinine ratio, IDMS traceable creatinine estimation.
- Nephrology lab established testing for CAPD adequacy highly useful for the CAPD program

Neurology

- **WIN** epilepsy application installed in the department for maintaining Electronic Health records of Epilepsy patients.
- We run a Comprehensive Epilepsy Care Centre in Collaboration with Neurosurgery, Neuropsychology, Psychiatry, Neuroradiology and Nuclear Medicine departments since 2001 and we have completed 683 surgeries till date.

Neurosurgery

- Cerebrovascular surgeries, epilepsy surgery, stereotactic surgeries, image guided neuronavigation, pediatric neurosurgery and skull base surgeries are specialized expertise offered by the Department.
- Procured two Leica 3D state of art microscopes with high definition camera for neurosurgery operation theatre. The department has recently procured an intra-operative CT scan and a biplanar digital angiography suite.
- Developed a State of Art Neurosurgical recovery room with all modern amenities including high-end ventilators and monitors.

Nuclear Medicine

- Started DOPA PET CT (for diagnosis of movement disorders)
- Started F-18 NOTAPET PET CT for diagnosis of neuroendocrine tumors

Obstetrics and Gynecology

- The department organized CME on peri operative care on 04/09/2023.

Occupational Therapy

- Along with in-patient care the department offers services to the outpatient departments catering to patients from different specialty areas like - Orthopedic, Psychiatry and Child Guidance Clinic, Learning Disabilities, Drug De-addiction, Cardiovascular and Pulmonary, Plastic Surgery, General Surgery, Diabetic, Endocrinology disorders and Obesity, Neurological disorders, Arthritis, Developmental Disabilities in children, Neonatology, Hematological conditions like Hemophilia, Hospice care in leukemia and Gerontology.
- Considering the long-standing expertise and culture of Occupational Therapy School, INHS Asvini hospital invited the faculty for expert appraisal of early intervention unit in August 2023.

Ophthalmology

- Live telecast on Doordarshan sahyadri Channel on 23/08/2023 by Dr. Avinash Ingole & Dr. Sayali Mahajan children's eye disease and health.
- Dr. Bhakti Gade won state level 1 on Amniotic membrane grafting at teachers of tomorrow.
- Dr. Shilpi Bhattacharjee won 1st prize and will represent Maharashtra in AIOS 2024 on measurement of intraocular pressure.

Orthopedics

- Department of Orthopaedics "In search of excellence" has protocolled 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 2023 such as: Elbow course 16 to 18 June 2023, BOS Clinical Meet 4 June 2023, scoliosis Workshop and International Arthroscopy live surgery course 27 to 29 July 2023.

Pathology

- Point-of-care testing - IL6, D-dimer.
- Upgradation of Pathology class with mounting of specimens for teaching.
- Upgradation & Automation of the Emergency Medical Laboratory Services, Surgical & Autopsy histopathology, Cytology, Hematology & Clinical Pathology and Out-patient Department for better services and timely delivery of reports.

- Upgradation of Immunohistochemistry (IHC) with total of 80 antibodies
- Conducted Teaching Pathology Conference in February 2023

Pediatrics

- Renovated EPR (Emergency Pediatric Room) inauguration done by Hon. Additional Municipal Commissioner, Shri Sanjeev Kumar on 6th April 2023.
- Dr. Sunil Karande & Dr. Milind S. Tullu are Members of Expert Committee for initiation of Antimicrobial Stewardship Program (ASP) at Seth G.S. Medical College & KEM Hospital.
- Faculty members served as Resource Person for various courses.
- Faculty members are serving as Editor on several National and International journals
- Dr. Milind S. Tullu appointed as member of National Advisory Board- Indian Journal of Trauma and Emergency Pediatrics.

Pediatric Anesthesia

- Paediatric NORA CME- organized by Department of Paediatric Anaesthesia in association with IAPA Maharashtra State Chapter on 24th Jan 2023
- Workshop on Emergency Intra-Osseous access in children organized by Department of Paediatric Anaesthesia in association with IAPA Maharashtra on 7th July 2023
- Department of Paediatric Anaesthesia in association with IAPA National conducts online bimonthly Academic meet for Paediatric Anaesthesia DM residents and fellows all over the country

Pediatric Surgery

- The department has completed 372 cases of 3-D laparoscopy and 26 cases of laparoscopy with 4k system till date.
- The department has completed cases using 107 HOLMIUM YAG LASER SYSTEM .

Pharmacology and Therapeutics

- Faculty members and postgraduate students bagged 10 awards for paper/ poster presentations and quiz at different national/regional conferences held this year.
- A total of 9 local, regional and national workshops on GCP, research ethics, regulations in clinical trials, research methodology and medical affairs functioning were conducted by the department.
- Faculty members also delivered lectures on various topics of ethics, research methodology in workshops conducted by MUHS and other institutes.
- Faculty members of the department contributed as resource faculty in Medical Education Unit and conducted sessions at Revised basic course in medical education, and Advanced course in medical education and FAIMER

Physiology

- Dr. D N Shenvi is Co-ordinator for Dorabji Tata Trust Financial assistance for individual grant for our KEM hospital patients.
- Digitalization of grants for patients of KEM Hospital
- Staff members of the department were invited as Guest speakers.
- The staff members of the department are also involved in various research activities both in Physiology and in Medical Education.

Physiotherapy

- Well Equipped Cardiopulmonary Rehabilitation Centre setup at CVTC Room no 16.(includes Treadmill, cycle ergometer, multigym, respiratory strength measurement device, cardioscope and monitoring facility for fitness assessment, post covid ,cardiac and pulmonary patients)
- Physiotherapy for Peripheral arterial disorders, Venous disorders and Dermatologically affected patients

Plastic Surgery

- The first patient who received Hand transplant at KEM in Maharashtra in a public hospital completed two years in August 2023.

- Successfully running Tissue Bank at KEM which began in April 2023.
- Faculty from department has delivered guest lectures at various conferences and workshops.
- Department of Plastic Surgery organised various conferences.

Psychiatry

- Department of Psychiatry is a Regional Resource and Coordination Centre (RRCC) under DTC scheme. Started in November 2014 under the aegis of Ministry of Health and Family Welfare, GOI.
- A 50 bedded renovated and refurbished Deaddiction Centre was set up and visited by the Hon. Municipal Commissioner of BMC in the month of June 2023.
- HITGUJ Mental Health helpline is set up by MCGM in response to growing acute stress level in people of Mumbai city. Hitguy is not only accessed in Mumbai but also by Maharashtra and all over India.

Pulmonary Medicine and EPRC

- Bronchoscopic closure of persistent air leak was done with spigot by interventional pulmonology team (May 2023) – in a case of bronchopleural fistula with persistent air leak in an elderly farmer who was high risk for surgical management. This highlights the role of ‘Therapeutic aspect of interventional pulmonology techniques’.

Radiology

- Over 3,20,000 patients come to the Radiology Department in a year for Diagnostic as well as Interventional Treatment.
- It boasts of the latest and sophisticated 1.5 Tesla MRI, two CT Scan machines (64 slice and 160 slice), Mammography (for Breast Cancer Screening), Digital Fluoroscopy, Ultrasonography and Doppler machines.
- Peripheral Vascular and Neurovascular Minimally Invasive Interventions are carried out on a Bi-planar DSA machine.
- Endovenous Laser Therapy (EVLT) is done here to treat patients with varicose veins. Facility of DR Fluroscopy for Barium study exists.
- The USG Section is now being managed with new 2 Nos. State of Art High End Ultrasound Machines and 4 Nos. Midrange Ultrasound Machines.
- Two High End Digital Radiography X-ray (DR) and Six Computerized Radiography X-ray (CR) machines have been installed this year.

Surgical Gastroenterology

- Clinical care and management of complex GI surgery cases presenting primarily and referred post-operated, complicated cases from the city, state, and other parts of the country.
- Once a week assessment of patients Listed on Liver Transplant List.

Transfusion Medicine

- Dr. Jayashree Sharma has been appointed as a member of “Expert Working Group – Blood and Blood Related Products “of Indian Pharmacopoeia since 19/7/2022.
- “Expert Group to Review and Revise the Existing National Blood Transfusion Council (NBTC) guidelines under Directorate General of Health Services (BTS/NBTC Section)
- Editor of Asian Journal & Transfusion Science (AJTS) and Dr. Swarupa Bhagwat, Dr. Darshan Adulkar as Assistant Editors since 01/01/2018.
- Automated ELISA processor has been procured by the Department for testing of Transfusion Transmissible Infections

Urology

- Perform laparoscopic uretero-lithotomies and Lap. Nephrectomies.
- The department is now offering 3D laparoscopic procedures.
- The department carries out live and cadaveric renal transplants regularly.
- The department has state of art Dornier Lithotripter.
- Perform complex procedures such as radical cystectomy, radical prostatectomy and VVF repair.

Awards and Honors

Awards and Honors

Anatomy

- Dr. Rashmi Avinash Patil was awarded for writing the best scenario in the competition held at the 14th National Conference of Health Professions Education (NCHPE) at K. J. Somaiya Medical College and Research Centre, Sion, Mumbai, from 23rd-25th November 2023

Anesthesia

- Dr. Yogita Patil won Second prize in ISSPCON 2023 in Faculty Category at National Conference of Pain’.
- Dr. Aishwarya Nair Won 3rd prize for E-poster presentation at WAD-2023 Regional Conference held at HBT Medical College & Dr. R. N. Cooper Hospitalin 14th & 15th October, 2023. – Titled ‘Anaesthetic Management of Accidental Pneumothorax during Laproscopic Surgery : USG as an Effective Tool in Early Diagnosis’.
 - o Dr. Devanand Patil Won 1st prize in the ‘Airway Quiz – Kaun Banega Airway Champ?’ held on 9th December, 2023 during the TMC National Conference ‘The Difficult Airway’ at TATA Memorial Hospital, Mumbai.
 - o Dr. Devanand Patil Won prize for Case presentation ‘ISA Paper Presentation Competition’ held on 19th August 2023 in Pre MD Category at Seth GSMC & KEM Hospital. Given Certificate of Appreciation.
 - o Dr. Devanand Patil Won 2nd prize for ‘Extempore Elocution Competition 2022-23’ Awarded by Indian Medical Association, Mumbai Branch.
 - o Dr. Dhanshree S. Thengadi, Dr. Prithvy Majalkodi, Dr. Reshma R., Dr. Vishakha Suresh Ghadge Awarded 1st prize in ISA World Anaesthesia Day Quiz 2023.
 - o Dr. Mahalakshmi Ethiraj Won prize for Case presentation ‘ISA Paper Presentation Competition’ held on 19th August 2023 in Pre MD Category at Seth GSMC & KEM Hospital. Given Certificate of Appreciation.
 - o Dr. Anu Joy Palamittam Won prize for Case presentation ‘ISA Paper Presentation Competition’ held on 19th August 2023 in Pre MD Category at Seth GSMC & KEM Hospital. Given Certificate of Appreciation.
 - o Dr. Anu Joy Palamittam Runner Up Prize Silver Medal for MARD Badminton Tournament (Single Women) 2023.
 - o Dr. Sasmita Sidu Won 2nd prize in ‘Slogan Wirting Competition’ on ‘Sustainable Medical Technologies for Future’ on 16th October, 2023 on the Occasion of ‘World Bioethics Day – 2023’.

Biochemistry

- Dr. Anita Chalak appointed as Course Director for “Certificate Course in Laboratory Practices: A Quality Approach” 2023.
- Dr. Yogesh Pawade appointed as Quality Manager for Central Clinical Biochemistry Laboratory
- Dr. Anita Chalak appointed as Course Director for “Certificate Course in Laboratory Practices: A Quality Approach” 2023.
- Dr. Yogesh Pawade appointed as Quality Manager for Central Clinical Biochemistry Laboratory

Cardiovascular and Thoracic Anesthesia

- Kabeer award to Dr Jitendra Ramteke – passed with distinction (For 1st position in FIACTA exam conducted by ICCA)
- Dr Parimal Pimpalkhute and Dr Pooja Pimpalkhute have received the FIACTA fellowship in 2023.
- Shyam Sundar Sarkar Gold Medal awarded to Dr Jitendra Ramteke (For 1st position in DM Cardiac Anaesthesia)
- Dr Sanjeeta Umbarkar was invited as expert faculty as moderator in a session On Recent advances in Cardiac Anaesthesia in WAD 2023 and Panelist in Maha ISACON.
- Dr Sanjeeta Umbarkar was invited as speaker to deliver a talk on LV SYSTOLIC FUNCTION In 11th workshop on Echocardiography at Medanta medicity gurgoan, haryana.
- Dr Sanjeeta Umbarkar was invited as speaker to deliver a talk On LV SYSTOLIC FUNCTION in National IACTA conference at MGM, Navi Mumbai.
- Dr Sanjeeta Umbarkar was invited as speaker to deliver a talk on Anesthesia for Lung Surgeries , Web base CME, by Dpt of CVTS, GSMC and KEM Hospital.
- Dr Sanjeeta Umbarkar was invited as Panelist in Maha ISACON.

Cardiovascular and Thoracic Surgery

- Dr. Harshawardhan Saygaonkar was awarded gold medal for securing highest marks in the M.Ch exit exam held by MUHS, Nashik.

Clinical Pharmacology

- Dr Vijaya Chaudhari, post DM Assistant Professor received first prize in presentation at 11th Annual National Conference of Consortium Against Rabies, DY Patil Deemed to be University, Nerul, Navi Mumbai
- Dr Palvi Kudyar post DM Assistant Professor received first prize; Dr Ramalingam Sankaran Best Paper Award for paper titled, "Evaluation of Satisfaction & Reasons for participation in a Covid-19 vaccine clinical trial: a single centre study, Mumbai. at the 10th International Conference of the Forum for Ethics Review Committees in India held at PSG Institute of Medical Sciences and Research, Coimbatore on 8th & 9th December 2023
- Dr Roopa Parida second year D.M. resident received second prize in oral presentation for research entitled, "Pharmacoeconomic Analysis on Post-Exposure Prophylaxis (PEP) for Rabies Vaccination in Human at a Public Tertiary Care Hospital (Public Sector) in Mumbai-An Interview-Based Study" in 11th Annual National Conference of Consortium Against Rabies, DY Patil Deemed to be University, Nerul, Navi Mumbai conducted on 8th and 9th December 2023.

Community Medicine

- Dr. Rupali Sabale received 1st prize in "National Level Photography competition" at National Conference organised by Public Health Association for Students Edification (PHASE) under the aegis of Department of Community Medicine and School of Public Health, PGIMER, Chandigarh on 2nd and 3rd Sept 2023.
- Dr. Abith B Shetty won 2nd prize in National Reels competition- Rabies Awareness
- Dr. C. Maria won 1st Prize in PG quiz on Breastfeeding Week by BPNI – 31st July 2023
- Dr. Nilesh Ade won 1st Prize in Slogan Writing Competition on occasion of World Bioethics Day 2023.
- Dr Ramalakshmi C S won 1st prize in QUIZ competition, CARCON 2023 'National conference of Consortium Against Rabies', National level 4th place in Public Health Quest "MORSE MALLOWS", 2nd prize in Slogan Competition on "Breastfeeding", 2nd prize in Slogan Competition on "Nutrition & Health"
- Dr. Sreevidya P A won
 - o 3rd prize in Scientific Poster presented at EFICON 2023, Goa "A mixed method study to assess the challenges faced in administration of Isoniazid Preventive therapy in Children living with tuberculosis patients registered in an urban health centre",
 - o 1st prize in State level Debate competition in our department on World Health Day 2023,
 - o 1st Prize in All India e-Poster making competition on occasion of World Breastfeeding Week organized by the Department of Community and Family Medicine, AIIMS Rishikesh (1st-7th August 2023),
 - o 1st place at debate competition organised by ICMR NARI in connection with World AIDS Day at Pune (1st & 2nd December 2023),
 - o 2nd prize in State level Debate competition conducted by HBT Medical College and Cooper Hospital as a part of World health Day Celebrations (April 2023),
 - o 2nd prize in Video making competition held during the World Breast Feeding Week organized by the Department of Community Medicine, UCMS & GTB Hospital, Delhi (1st to 7th August 2023).
- Dr. Tanvi Pinto –
 - o Best Oral Presentation & 3rd place in Extempore competition '1 Line 2 Minutes' at IAPSM Young Leaders National Conclave 2023 (3rd -5th Nov 2023),
 - o 1st place & Best Speaker Award at debate conducted by ICMR NARI in connection with World AIDS Day (1st & 2nd December 2023),
 - o 1st place for Best Team performance at 14th Annual International Course on HRM & EBM, St John's Medical College & Research Institute (13th – 17th March 2023),
 - o 2nd place at the State level debate competition organized by Seth G. S. Medical College & KEM Hospital in connection with World Health Day (6th April 2023),
 - o 2nd place as a team in Video-making competition organised by UCMS & GTB Hospital (August 2023)
- Dr. Darshana Salve – 3rd prize in Debate competition in AAROGYAM 2023, held on the occasion of World Health Day, At HBT Medical College and R. N Cooper Municipal General Hospital, Mumbai – 8th May 2023
- Dr Emilia. Dsouza won the 3rd prize in poster presentation at EFICON 2023 at GMC GOA.

- Dr. Lokesh Raaj Krishna
 - o 1st Prize in Debate Competition – World AIDS Day program at ICMR-NARI, December 2023,
 - o 2nd Prize in Debate Competition – Aarogyam 2023 at HBT Medical College & Dr. R N Cooper
- Dr. Neha Nitin Shet – 2nd prize in the debate competition at HBT Medical College and Cooper Hospital, Juhu, Mumbai

Dentistry

- Dr. Nanda Pai was panelist in discussion on Mandibular Trauma Management at 47th AOMSI Annual conference, Delhi in November, 2023.

Dermatology

- Dr Anmol Bhargava Best student (2022)- Dr. R J Fernandez award, June 2023
- Dr Avani Shah 2nd Prize at Roots national quiz, Roots 5, Bangalore, January 2023
- Dr Swati Prasanna received Professor DK Gupta Award at Dermacon international, Feb 2023- Best award paper presentation by female post-graduate student
- Gold Medalist and University topper in MUHS MD Examinations, 2023
 - o Dr. Shreya Maniyar- Gold Medal
 - o Dr. Swati Prasanna- 2nd
 - o Dr. Avani Shah- 3rd
- Dr Dipali Rathod
 - o Recipient of the Reciprocal scholarship award, 2023. AAD 2023, New Orleans, Louisiana, USA.
 - o Recipient of the WCD Rising star scholarship award, 2023. World Congress of Dermatology 2023, Singapore

Endocrinology

- Dr Anima Sharma
 - o 1st prize in SAFES quiz competition
 - o Best resident award 2023
- Dr Saba Memon
 - o A R Sheth award
 - o Yuvaratna 2nd runner up in academic category
- Dr Rohit Barnabas
 - o A V Gandhi 2nd runner up
 - o Dr S D Bhandarkar award 2023
- Dr Ketki Ambulkar Winner at poster presentation in ESICON 2023
- Dr Divya 1st Runner up at oral presentation in ESICON 2023

ENT

- 1st prize in Consultant research paper award titled “ Orbital Fracture Novel Approaches to surgical management” at Rhinocon (14th-15th December 2023), Bikaner
- 3rd Prize Research Paper Award category titled “Reversal of Vision: Fact or Myth” at IAOHNS, Jammu (4th-6th August 2023).
- 1st Prize Research Paper Award category titled “Inner Ear Anomalies leading to recurrent Meningitis: The Silent Threat” at MPENTCON, Gwalior (16th-17th September 2023).
- Dr Anjali Taku (Senior Resident) 1st prize in consultant paper award at MENTCON 2023 (22nd to 24th December)
- Dr Saad Ahmed (Senior resident) MV Kirtane Excellence Award, International Hienz Stammberger Award at Dubai
- Dr Prateek Mohapatra and Dr Juilee Kamble (Residents) 2nd prize MENTCON 2023 PG Quiz
- Dr Ashwini Janerao (Resident) 1st Prize in Poster presentation PG Category MENTCON 2023

Forensic Medicine and Toxicity

- Dr. Ravindra Deokar Received MLAM Appreciation Award for Work of Excellence towards subject.

Gastroenterology

- International - Dr Love Garg (IIIrd year resident) won young investigator award at IAP-IPC 2023

- International- Dr. Biswa Ranjan Patra won best abstract award at Asian EUS summit Korea 2023
- College - Dr. AN Supe award for best publication - “Gonadal dysfunction in male patients with Budd Chiari syndrome and its reversibility with treatment”
- College- Dr. AN Supe award for (meta-analysis) - “Efficacy and safety of Transjugular intrahepatic portosystemic shunt creation for Budd Chiari syndrome”

General Surgery

- Kunal Kukreja
 - o Best prize video ASICON 2023
 - o Laparoscopic choledochal cyst excision and Roux-en-yHepatico-jejunostomy
- Abhishek Kurkute
 - o 2nd prize poster ASICON 2023
 - o A cross sectional study of occurrence of sarcopenia in patients of trauma in a tertiary care centre.
- Yash Jain
 - o Best young scholar in paper AMASICON 23
 - o Endoscopic thyroidectomy. Is it safe and feasible
- Manasa S
 - o Best poster AMASICON 23
 - o Bilateral thoracoscopic sympathectomy for refractory ventricular tachycardia
- Vaishnava Rothe
 - o 3rd prize poster presentation ASICON 2023
 - o Spontaneous Intramural Hematoma of Jejunum with Intraperitoneal Bleed: a rare presentation of two complications of anticoagulation therapy
- Suvrat Mathur
 - o Won the 1st prize at WORLDCON 2023, AGRA for Video presentation on Rectovaginal fistula repair
- Dr. MahdeoGarale (Assoc. Prof.) presented a talk on “Overview of Parathyroid Tumors” as faculty at the conference of Maharashtra Chapter of Association of Surgeons of India Conference (MASICON 2023) held at Latur.
- Dr Akhilesh Moktali (Senior Registrar)
 - o Won the runners up trophy in mens singles, mens double and mixed double national badminton tournament - Indian Doctors Olympics held in Devember in Pune.
- Dr. SA Rao
 - o Award for “Best Lady Resident in Surgical Subspecialty, in the memory of late Dr. Mrs. Pushpa Paralkar and late Father Mr. Suresh Paralkar

Medicine

- Meghana Vaidya won Second prize in poster presentation on “Clinical profile and short term outcomes in patients with acute coronary syndromes in age less than 45 years in a tertiary care hospital” MAHCRITICON Nasik 2023.
- Second prize in poster presentation at MAHACRITICON held in Aurangabad 2023.
- Dr. Archana Sonawale won 3rd prize in paper presentation Mahacriticon 2023 ‘Study of etiology and complications of jaundice in pregnancy’
- Dr. Archana Sonawale 3rd prize in paper presentation at MAPCON 2023 “A prospective observational study of proportion, clinical characteristics and outcome of foot involvement in RA”

Microbiology

- Dr. Swapna Kanade received Dr. A.N. Supe best published paper award- 2022 for the paper titled “Rifampicin resistance by Xpert MTB/RIF™ assay in pulmonary tuberculosis” : is there a need for conformation by retesting ? Authors – Dr. Swapna Kanade, Dr. Swati Vijay, Dr. Gita Nataraj
- Dr. Prajakta Labde-Junior resident (first year)-Second prize in Microbiology quiz in 516 TPC held on 3/2/2023 at HBT Medical college and R.N Cooper hospital.
- Dr. Prajakta Labde-Junior resident (second year)-First prize in HCAI quiz held at Breach Candy Hospital on 22/6/2023 on National CME and workshop on surveillance of health care associated infections.
- Dr. Manali Kulkarni –Junior resident (first year)- Second prize in Microbiology quiz in 518 TPC held on 21/4/2023 at Seth G.S. Medical college& K.E.M hospital.

- Dr. Swathi Nair—Junior resident (second year)- First prize in Microbiology quiz in 520th TPC held on 25/8/2023 at LTMMC, Sion.

Neonatology

- Dr. Anitha Haribalakrishna appointed as International Board Certified lactation Consultant from January 2024
- Dr. Ruchi Nanavati appointed as Executive member of Superspeciality Board of Studies of MUHS, Nashik and Trustee of NGO: SNEHA (Society for Nutrition, Education and Health Action), Mumbai
- Dr Anitha Haribalakrishna, Dr Prashanth RR and Dr Sruthi Nair successfully completed 60 Bayley Scale of infant development assessment in term and preterm born children <5 years of age as apart of Pearson Academy Research project for Indian standardization of BSID IV .
- Dr.Kirthana was awarded second prize in poster competition held in 2nd International conference of Asia Oceanic Network on Kangaroo Mother Care.
- Dr. Swati Dubey won the 2nd prize in Breastfeeding week slogan competition during world breastfeeding week celebration organized by Mumbai Breastfeeding Promotion committee.

Nephrology

- Dr Nikhil Rao won 1st prize at the APEX BRC Quiz contest and was awarded a sponsored observership to MGH Boston Nephrology

Neurology

- Dr. Sangeeta Ravat (Dean) was elected as President of Indian Academy of Neurology at IANCON 2023 held at Madurai.
- Dr Neeraj Jain Continued as secretary of Maharashtra Association of Neurology.
- Dr Parthvi Ravat was elected as leader of communications Task Force for YOUNG EPILEPSY SECTION (YES) of International League against Epilepsy (ILAE) for 2 years.
- Dr Parthvi Ravat received J Kiffin Penry Mini Fellowship Epilepsy Network Scholarship January 2023, North Carolina, USA.
- Dr Aditya Gudhate: 1st Prize- Best paper award in Annual BNA conducted in February 2023, at Mumbai.
- Dr Parag Maheshkar: Won 2nd prize in quiz held at NIMHANS international neuro-muscular symposium, at Bangalore.
- Dr Parag Maheshkar: Won 1st prize in quiz held at Indian National Stroke conference 2023, Chennai.
- Dr Koustubh Bavdhankar: Presented 2 rare cases DRPLA and IGLON at International Congress of Parkinson's disease and Movement disorders Copenhagen.
- Dr Shruti Agrawal: Presented poster at 35th IEC, Dublin, organized by ILAE,2023.
- Dr Rishikesh Joshi: Presented 2 posters and 1 paper at World Congress of Neurology at Montreal, Canada in October 2023.

Obstetrics and Gynecology

- Dr Shreya Gupta: Paper Presentation at FEMMTEK IV 2023, 2nd prize. A Rare case of displaced intrauterine copper T device retrieve per- rectally.
- Dr Nileshwari Arbat: Paper Presentation at FEMMTEK IV 2023, 2nd prize. Rare case of Interstitial Pregnancy.
- Dr Ratnali D. Kulkarni: Paper Presentation at FEMMTEK IV 2023, 2nd prize Periperal Sepsis with uterine scar dehiscence post caesarean section : A challenge.
- Dr Namrata Tiwari: Awarded with MRCOG and FICOG in 2023.

Occupational Therapy

- Faculty of Occupational Therapy was Invited for the observation of Early Intervention Centre at Indian Navy's Asvini Hospital at Colaba, Mumbai
- Gold medal in University Examination Jui Vaidya, Sakshi Palsambkar, Devika & at MUHS< Nashik on 9th June, 2023
- OTICON 2023 at Chennai OTICON 2023 Mrs Shilpsree Palsule received Fellow of Academic council of Occupational therapy on 3rd Feb 2023
- Nandgaonkar Hemant and Usha Kasar represented as Speaker and Moderator at 5th Annual National Conference of Neonatal Therapy hosted by MAHER, Chennai, Tamilnadu

- Dr Nidhi Ramprasad Mishra & Dr. Monica Tonge (PG Students) received First Runner Up Prize in Scientific Poster Presentation Competition at 10th Dr. Tole Educational Program at Tata Memorial Hospital on 29th November, 2023
- Dr Vaishali Mishra, Dr. Monisha Popli, Dr. Kunal Neer, Dr. Shradha Kamble (PG Student) received A.P Tole Trophy for best Poster Presentation at 10th Dr. Tole Educational Program at Tata Memorial Hospital on 29th November, 2023
- Organized MUHS approved Research Methodology Workshop on 18-20th December, 2023.

Ophthalmology

- Dr. Bhakti Gade won state level 1 award on Amniotic membrane grafting at teacher of tomorrow. She will represent Maharashtra in AIOS 2024 on measurement of intraocular pressure.
- Dr. Shilpi Bhattacharjee won 1st prize and will represent Maharashtra in AIOS 2024 on measurement of intraocular pressure.

Orthopedics

- Dr. Tushar Rathod - awarded PHD Degree in MUHS-NASHIK by Honourable Health Minister

Pathology

- 1st Prize for Poster presentation at a mid-year MAPCON CME on 'An Update on Endocrine Pathology' on April 14-15, 2023 for "Spindle cell Oncocytoma of Pituitary gland – A Five year Analysis"
- 2nd Prize for Poster presentation at a mid-year MAPCON CME on 'An Update on Endocrine Pathology' on April 14-15, 2023 for "Giant dedifferentiated high grade thyroid carcinoma with extensive nodal metastasis"
- 1st Prize for Paper presentation at MAPCON Pune on 'Acute Promyelocytic Leukemia - A Clinico- Hematological study'
- 2nd Prize for Poster presentation at MACYCON at Nasik for 'Warthin Finkeldey Giant Cells – A clue to cytodiagnosis of Kimura disease' presented by Dr Shravani Kute
- 2nd Prize for Poster presentation at MAPCON at Pune for 'Hepatic mass lesions – Role of FNAC' presented by Dr Supriya Solankar
- 3rd Prize for Paper presentation at MACYCON at Nasik for 'Lumps & Bumps on abdominal wall – Role of fine needle aspiration cytology' presented by Dr Manasi Khatod

Pediatrics

- First prize for poster by Dr. Milind Tullu: Maiya C, Lachake A, Pichad N, Chandrashekhar M, Tullu MS, Karande S. *Tuberous Xanthoma in a Case of Familial Hypercholesterolemia*. West Zone PEDICON 2023 (5th Zonal PEDICON of the West Zone Indian Academy of Pediatrics) at Hotel Inder Residency, Udaipur from 29th September 2023 to 1st October 2023.
- Dr. Milind Tullu: Awarded the Dr. A.N.Supe Best Published Paper Award- 2022 for the paper entitled "*Acute Febrile Encephalopathy in Children: Etiology, Clinical Presentation and Outcome*" published in Indian Journal of Trauma & Emergency Pediatrics Authors: Mudita Arora, Milind S. Tullu
- Dr. Radhika Ramesh was awarded the J.R.Kamat Prize for being the Best Resident in the Department of Pediatrics 2022 in the Annual Day Academic Awards Ceremony held in MLT, Seth G.S. Medical College on 14th June 2023.

Pediatric Anesthesia

- Dr Vishal Saxena (3rd year DM Resident) won 1st prize for poster presentation "Erector Spinae Block in paediatric VATS: A case series" at the IAPA mid-term conference conducted on 5th September

Pharmacology and Therapeutics

- Dr.UK Sheth 1st Prize for clinical oral presentation awarded to Dr.Ankita Kulkarni, Dr. Yashashri Shetty and Dr. Gaurav Narula for the study entitled "An Observational Study for Evaluating Prescription Pattern of Drugs, Adverse Drug Reactions in Paediatric Acute Lymphoid Leukaemia in a Tertiary Care Hospital" at the South Asian Chapter of American College of Clinical Pharmacology (SAC-ACCP) held at Ahmedabad in January 2023.
- Dr. G.B.Parulkar 1st prize for clinical poster presentation awarded to Dr. Sujeet Bhilwade, Dr. Raakhi Tripathi, Dr. Prafulla Kerkar, Dr. Dhiraj Kumar, Dr. Sharmila Jalgaonkar, Dr. Pramod Gitte for the study entitled "Evaluation of Awareness to Drug Treatment, Prescription Pattern and Self-medication practices in Patients of Chronic Heart Failure"

at the South Asian Chapter of American College of Clinical Pharmacology (SAC-ACCP) held at Ahmedabad in January 2023.

- 2nd prize for poster presentation awarded to Dr. Pranali Puradkar, Dr. Urwashi Parmar, Dr. Firoz Tadavi, Dr. Shirish Joshi, Dr. Amitoj Sohal for the study entitled “Evaluation of awareness of drug treatment, prescription pattern, adverse drug reactions and adherence in patients of Major Depressive Disorder” at the South Asian Chapter of American College of Clinical Pharmacology (SAC-ACCP) held at Ahmedabad in January 2023.
- 2nd prize for poster presentation awarded to Dr. Sharika Pillay, Dr. Raakhi K Tripathi, Dr. Sharmila Jalgaonkar, Dr. Sunanda Mahajan, Dr. Prachi Gole for the study entitled “Evaluation of awareness to drug treatment and prescription pattern analysis in patients with Psoriasis” at NAPTICON-2023 held at Lucknow on 1st December 2023.
- 3rd prize for poster presentation awarded to Dr. Ajay Gattani, Dr. Komal Kurhade, Dr. Raakhi K Tripathi, Dr. Rajmohan Seetharaman, Dr. Sharmila Jalgaonkar for the study entitled “Experimental Models in Medicine: A five-year quantitative descriptive study.” at NAPTICON-2023 held at Lucknow on 1st December 2023.
- 1st prize in quiz competition awarded to Dr. Amitoj Sohal and Dr. Pooja Redkar in Continuing Medical Education- “Recent trends in Clinical Pharmacology-2023” organized by Shri Ramachandra Medical College, Chennai on 10th January 2023.
- Dr. AN Supe best published paper awarded to Dr. Paresh Koli, Dr. Ankita Kulkarni, Dr. Yashashri Shetty for the study entitled “Evaluation of Issues Affecting Time Between Study Completion, Manuscript Submission, Acceptance, and Publication in Medical Journals” instituted by GOSUMAC Alumni Association, Seth GSMC and KEM Hospital, Mumbai, 2023.
- 2nd Prize awarded to Dr. Pooja Redkar in ‘AICON 2023’, A National conference on Artificial Intelligence in Healthcare and Medical Education in September 2023.
- 1st prize in Slogan writing competition awarded to Dr. Soham Sinha on “Sustainable Medical Technologies for future” on the occasion of “World Bioethics Day-2023” organized by GSMC MUHS International Chair in Bioethics unit at Seth GS Medical College and KEM Hospital, Mumbai on October 2023.
- 2nd prize in NAPTQUIZ awarded to Dr. Jay Maradia and Dr. Rhea Monteiro at NAPTICON-2023 held at Lucknow on 1st December 2023.

Physiotherapy

- Dr Swati Paranjape awarded a Best Reviewer award at National Editors’ Conference 22nd July 2023, also presented a paper.
- Dr Swati Paranjape: Paper “Partners of Choice or Anyone Will Do? is selected for WCQR conference to be held at Johannesburg in 2024.

Plastic Surgery

- President, Asia Pacific Burn Association (2023-2025) – Prof. Vinita Puri took over as President of the Asia Pacific Burn Association at the 14th Asia Pacific Burn Congress (APBC) 2023 at Chongqing, China in September 2023. The position is for two years, culminating in APBC 2025 which will be conducted in India with Prof. Vinita Puri as the Organizing Chairperson
- Prof. Vinita Puri is Founder Editorial Board member of the Journal REGENESIS, REPAIR & REHABILITATION which will come up with its first issue during the first quarter of 2024.
- Dr. Armaan Khosa was selected to participate in the Pioneering women in Reconstructive Surgery (PWRS) Cohort 3. A 2-year leadership program 2022 onwards

Psychiatry

- ‘The World Research Council and ISSN Awards’ to Dr. Shubhangi Parkar, Dr. Natasha Kate, Dr. Karishma Rupani, Dr. Gaurav Malhotra, Mrs. Trupti Upadhye, Dr. Ramesh Asopa for the research “Suicidal behaviour: What’s the brain up to?” under the title “INTERNATIONAL BEST RESEARCHER AWARD”.
- Poster presentation by UG at GHS summit organized by American Association of Physicians of Indian Origin (AAPI) in association with Global Association of Indian Medical Students (GAIMS) on 7th January 2023 at Vishakhapatnam, for the research titled - Abnormal Eating Behaviours and their Correlation with Social Media usage in Undergraduate Medical Students. 3rd Prize by Shermeen More

Pulmonary Medicine and EPRC

- Best Poster Award : Ntrophil-to-Lymphocyte Ratio (NLR) and Systemic Immune-Inflammation Index (SII) in Interstitial Lung Disease (ILD)
- Indian Chest Society 'Mentor Award' – Dr. Amita Athavale, Awarded at National conference Hyderabad Napcon 2023.
- Inspirer Award- Dr. Pratibha Singhal, Awarded at National conference Hyderabad Napcon 2023.

Radiology

- Harshitha Shetty 2nd prize Paper presentation -Sonobuzz 2023
- Zubin Driver 1st prize Edurad grand TF
- Zubin Driver 2nd prize Poster presentation – MRI teaching course 2023
- Ajith Varrier 1st prize Quiz – Crossecon
- Meet Waghela 3rd prize Paper presentation – Crossecon
- Chandrasekhar Khot 2nd prize Paper presentation – Crossecon
- Swastika Lamture Gold Medal MD MUHS university exam

Surgical Gastroenterology

- Dr Chetan Kantharia was felicitated by KDAH hospital, Mumbai for his distinguished contribution to the field of Surgical Gastroenterology
- Dr Ramkrishna Prabhu was appointed as a trustee of NGO-Sahayog Trust
- Dr Sharvari Pujari was bestowed as Distinguished women Surgeon by the Women Surgeons Association
- Dr Amar Shinghade , Yuvraj T, Sharad Kantharia , Santosh Kumar, Shrinet and Navin and Pravin HK completed their Certificate course of IHPBA

Transfusion Medicine

- Best Poster Award to Dr. Shashank Naik presented E-poster on topic 'Activity of Labile Coagulation Factors, Factor X, Fibrinogen Level in Fresh Frozen Plasma vs. Frozen Plasma' in Category 'Blood Component and Transfusion Practice' at Chandigarh Transmedcon 2023, 3rd November to 5th November 2023.

Urology

- Dr Sujata Patwardhan
 - WZUSICON 22-25 September 2022 – Gold medal in Urology
- Dr Kamlesh Singh
 - University examinations July 2022, MUHS Nashik - Gold medal in final exit exams
- Dr Gaurav Kumar Malvi
 - Chitale travelling fellowship quiz held at WZUSICON Nashik 2022- second prize
 - USI International travelling fellowship quiz 2022 – 8TH rank
- Dr. Nirmal Agarwal
 - 1st prize in Stone Quiz at 1st annual conference of Urolithiasis, section of USI, PGIMER chandigarh.
 - 1st prize in National Hackathon in ASMIUA on 14th September 2023

Community Care

Community Care

Anatomy

- Body donation drive in Bandra Government Colony in September 2023
- Body donation awareness at Malabar Hill Club in November 2023

Anesthesia

- The department conducted a basic life support training course for paramedical personnel to handle emergency scenarios.
- Residents regularly attend blood donation camps.
- Conduct COLS workshop for lay persons

Cardiovascular and Thoracic Anesthesia

- COLS workshop for lay persons
- Mentor for DOSTI program for first year MBBS students.

Cardiovascular and Thoracic Surgery

- Dr.Uday Jadhav -Conducted Meditation Programs for faculty, Staff Nurses and Paramedical for CVTS and Cardiac Anesthesia Department in KEM Hospital

Clinical Hematology

- Cancer awareness programme
- Hemophilia Care patient awareness camps
- Education with fun activity for cancer patients by Alcargo trust.
- Nutritional and Hygiene awareness programme in leukemia and other blood disorder patients
- Awareness on Role of exercise and occupational therapy in leukemia patients
- Education with fun activity, outing, Birthday celebration, Festival celebration, Cancer Awareness, Parents support group meeting for cancer patients by Cankids trust.

Clinical Pharmacology

- During the National Pharmacovigilance week in the month of September 2023, the Pharmacovigilance team created awareness of Adverse Drug Reactions (ADRs) among patients in Geriatric OPD at Kamgar Kalyan Kendra, Naigaon community centre along with Community Medicine Department and awareness of ADRs at Poibawadi Municipal School in Parel.

Community Medicine

Community Outreach Health Services

Services at Naigaon Health Centre:

Naigaon under-five clinic:

NAIGAON UNDER-5 CLINIC – ANNUAL REPORT (Dec 22 to Nov 23)

Age	New beneficiaries		Follow up		Total	Under nutrition (Weight for Age)	
	Male	Female	Male	Female		Moderate	Severe
TOTAL	70	74	129	117	390	32	19*

*Out of 19, 4 cases of severe undernutrition were newly diagnosed. These children were without any medical complications. Appropriate dietary counselling was done for them.

Special Activity

Health awareness session on Breastfeeding was conducted on the occasion of 'Breastfeeding week' at Naigaon maternity home on 1st August 2023.

Naigaon Geriatric OPD:
ANNUAL REPORT-GERIATRIC OPD DEC 2022 TO NOV 2023

Patients	NEW			OLD			TOTAL	
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Total	24	32	56	711	1035	1746	735	1067

Morbidity	HTN	DM	DM+HTN	URTI	MSK	OTHERS
TOTAL	904	163	559	104	90	113

Malvani Urban Health Centre, Malad :urban health training centre, Malvani

Serves slum population of 2.86 lakh at Malvani, the field practice area for the Department of Community Medicine.

- Services provided are: General OPD, Paediatric OPD, TB OPD, ICTC, DSRC OPD and Link ART Centre
 - Other series :Well Baby Clinic, Chronic OPD (Geriatric OPD) & Specialist OPDs of Psychiatry, Skin, Dental, IUCD insertion OPD & MDR TB OPD (weekly), Laboratory services, National Health Programs and School health services
- New services: Dental OPD, MDR TB, IUD insertion

OPD Services Provided

GENERAL OPD:

	CHILDREN		ADULT	TOTAL
	0-5 years	6-12 years		
TOTAL	5,512	5,360	32,471	43340

Well Baby CLINIC

						MALNUTRITION				
	New		Old		Total	MAM		SAM		Total
	M	F	M	F		M	F	M	F	
TOTAL	91	93	125	125	434	52	42	31	27	152

SPECIAL OPDs

OPD		No. of patients
Psychiatry		2,409
Skin		7,106
Dental		234
IUD clinic	OPD attendance	18
	Copper-T inserted	11

NCD OPD (Geriatric Care)

Disease	Total
Hypertension	1,260
Diabetes Mellitus	648
HTN with DM	891
IHD	140
Total	2,939

NEW REGISTRATIONS FOR NCD OPD

Disease	Total
Hypertension	42
Diabetes Mellitus	34
HTN with DM	46
IHD	1
Total	123

NATIONAL TUBERCULOSIS ELIMINATION PROGRAM (NTEP)

Newly diagnosed	Pulmonary		Extrapulmonary		TOTAL
	Male	Female	Male	Female	
TOTAL	120	154	31	60	365

- Total number of suspects screened: 1,180 (890 adults and 290 children)
- Number of suspects referred for Sputum CBNAAT: 1,137
- Number of Sputum CBNAAT Positive: 106
- Sputum AFB for follow-up cases: 658
- Sputum AFB POSITIVE out of follow-up cases: 15
- Sputum AFB for presumptive cases: 65*
- Sputum AFB POSITIVE out of presumptive cases: 3
- Number of patients referred for Chest x ray: 954
- Number of patients referred for Extrapulmonary investigations: 66

TB PREVENTIVE TREATMENT

	Male	Female	Total
TOTAL	47	45	92

MDR OPD

	Male	Female	Total
Total OPD Footfall	163	256	419

NATIONAL AIDS & STI CONTROL PROGRAMME

Services provided	Total
No. of patients who visited STI OPD	6218
Clients provided counselling for HIV testing	6822
Clients found HIV positive	21
No. of RPR/VDRL tests conducted	6263
No. of patients found RPR/VDRL reactive	37
No. of PLHIV on ART followed up in LAC	206

Laboratory Services: provided to more than 9000 patients

COMMUNITY DEVELOPMENT OFFICER SERVICES

No. Of community/NGO visits, programmes, etc.		22
Counselling to General OPD patients		471
Counselling to Paediatric OPD patients		619
Default Retrieval Action	Telephonic calls	166
	Home visits	0
Linkage for social services		4
Donations mobilised		3 times (Total amount: INR 23,600)
Referral to child helpline		4

Special Activities

MONTH	ACTIVITY	NO. OF BENEFICIARIES
December 2022	HIV and STI Screening health camps as part of TI Migrant Project in collaboration with MDACS	125
March 2023	Adolescent Education Programme for students of 8th standard (St Mathew's High School)	140
	International Women's Day celebration Health talk on Women Empowerment	50
	World TB Day Celebration Week	20
	Health education session conducted for DSTB patients Health education session & ration distribution by NGO MSM for DRTB patients	40
April 2023	'First Aid' School education sessions in collaboration with 'Naraindas Morbai Budhrani' Trust.	120
	World Health Day Celebration Week	40
	Rally with school children for health awareness Health camp at Ambujwadi	67
	STI Training for CHV's & ASHAs - Health Post 1	30
May 2023	World No Tobacco Day celebration Oral health screening & demonstration of self oral examination.	42
June 2023	Community health checkup Camps conducted as a follow-up to the community survey	194
July 2023	CME for Private AYUSH practitioners in Malvani (DTO P/North) on NTEP	24
August 2023	World Breastfeeding Week celebration Skit & health talk organised with SNEHA NGO.	35
	Health check-up of Anganwadi Workers & Helpers of Malvani ICDS project	94
September 2023	"Nutrition Week" Celebration	15
	Nutrition education for beneficiaries of well baby clinic	120
	Interactive school health education session at St. Matthew's School	80
	Dada Dadi ka food plate: Health education session along with games and snacks for COPD beneficiaries	25
	Health talk for MDR-TB patients	25
	Health talk, camp & games organised for adolescents at anganwadi centre Nutrition exhibition for beneficiaries at health post 1 for immunisation	70
October 2023	International Day of Older Persons - Health education and yoga session	40
November 2023	Adolescent education program at St. Matthew's High School, focusing on Growing up changes, RCH & life skills	140

PG Training Activities : several Surveys and guest lectures were organised

Rural Health Services

a. Sakwar RHTC:

OPD Services:

Male	Female	Total
311	424	735
Adult	Children	Total
735	33	768

Activities at Sakwar RHTC:

1	On 26/03/2023 World TB Day, RHTC Sakwar
2	On 16/04/2023 World health Day
3	On 25/05/2023 World Hypertension Day celebration

b. Khadavli RHTC:

General OPD:

Adult		Children		Total
Male	Female	Male	Female	
2778	3172	1209	1037	8196

	New	Old	Total
ANC Aarogya shastra activity (ANC)	247	1313	1560

Activities at Khadavli RHTC:

Sr. No.	Name of Activity at RHTC Khadavli
1	Peer Educator Training at RHTC Khadavli
2	Women's Day celebration
3	World TB Day at Phalegaon Subcenter
4	World Health Day
5	World Geriatric Day
6	World Diabetic Day

c. Pise-Panjrapur RHTC:

OPD Services:

Male	Female	Total Beneficiaries
1871	575	2446
Adult	Children	Total Beneficiaries
2446	0	2446

Activities at Pise-Panjrapur:

Sr. No.	Name of Activity at RHTC Pise-Panjrapur
1	World Tuberculosis Day
2	World Health Day Celebration - NCD screening camp and First Aid demonstration
3	Mock drill at Panjrapur complex

Dentistry

- Dental care of municipal school students attending school clinics at KEM.

Dermatology

- Community level Skin OPD services were provided in the Dr BR Ambedkar Camp organised from 3rd-7th December.
- Leprosy day was celebrated on 30th January 2023 in the dept.
- Vitiligo day (25th June) was celebrated on 27th June with a play and ppt presentation for spreading the awareness and decreasing the stigma regarding the disease.
- Participation in District Rotation Programme for 3-3 Months rotational period in Acworth Hospital Wadala & Rajawadi Hospital, Ghatkopar.

Forensic Medicine and Toxicity

- Project with Maharashtra Police Academy and Mumbai Police for training of Medical Officers and Nursing staff of MCGM for women safety under safe city project, Nirbhaya Fund.
- Project for disaster Victim identification for defense personnel with Indian Dental Association.
- Training conducted for API, Senior Inspectors and ACP officers at Maharashtra Police Academy, Nashik.
- Project for Disaster Victim Identification for defence personnel with Indian Dental Association

Gastroenterology

- Department of Gastroenterology KEM Hospital is dedicated model treatment center for National Viral Hepatitis Control Program.
- Training of peripheral centers for NVHCP awareness
- Awareness activation for organ donations.

Medicine

- Hypertension and Diabetes awareness and detection Medical Camp on behalf of Hypertension services, KEM Hospital in collaboration with Aazad Hind Sarvotkarsh Mandal, Sudarshan Society, Parel Village on 26th February 2023 on the occasion of 75th Year of Independence by Dr. Santosh Salagare
- Faculty contributed to Medical Camps for Tribal Citizens of Mokhada, District Palghar, Maharashtra in 2023 organized by Dilasa Medical Foundation and Rehabilitation Trust, Mumbai.

Microbiology

- Providing counseling and HIV antibody testing services for direct walk in clients.
- Counselors following up with PLHIV for increasing linkage to care and support.
- World AIDS Day commemorated with testing and counselling sessions for those visiting OPD.

Neonatology

- Community phone follow up by data entry operators working under SNCU project and mentoring visit to SNCUs all over Maharashtra as a part of FBNC project run by NHM

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 1500 families are educated in 2023.
- Mothers are educated about breastfeeding during world breastfeeding week celebration and about Kangaroo mother care during preterm week celebration

Nephrology

- Specialised Medical Social Worker (MSW) service attached to the Department of Nephrology
- Weekly education programme for patients with end stage kidney disease and transplant
- Weekly counselling programmed for patients with kidney disease and their care givers
- Dr Divya Bajpai is associated with Kidney warrior's foundation (dealing with burden of kidney disease in the community). This foundation regularly organizes seminars and workshops for patients.

Nuclear Medicine

- Have participated in WFH and ICMR twinning program for hemophilia care with lectures in CMEs conducted at Lata Mangeshkar Medical College at Nagpur Gandhi Medical College, Bhopal

Obstetrics and Gynecology

- Faculty participated in Babasaheb Ambedkar Parinirvan Camp on 3/12/2023
- Participated in blood donation camp thrice conducted by NGO- YOU FIRST 2023.
- Participated twice in health check up camp conducted by NGO- YOU FIRST in May 2023 and AUGUST 2023.
- Covered slum areas of Borivali west as a part of Shakha-16 with respect to health check ups and medical assistance in 2023.
- Health camp at Mantralaya organised by Devendra Fadnavis Seva Mandal in August 2023

Occupational Therapy

- 1 Sept 2023 Awareness program about Hemophilia on Helping hand day for Baroda Shakti group.
- 3 Nov 2023 Under Novo Nordisk hemophilia federation, training to PWH of Kathmandu Nepal on outreach program.
- 22 Dec 2023 Under In Country Twinning program for developing sustainable multidisciplinary teams and services, Presentation of Occupational therapy for PWH for Gandhi Medical College Bhopal.

- 2 June 2023 Inauguration of Multi-speciality Hemophilia OPD at Day care centre KEM, Talk about Occupational therapist as a team member of Comprehensive Care Centre KEMH.

Ophthalmology

- School clinics are conducted children are screened for various diseases of eyes
- Surgical and Diagnostic Eye Camps Attended
- Diabetic Retinopathy Screening
- Awareness of Eye Donation

Orthopedics

- Facilities available for treating fresh and neglected musculoskeletal trauma in all age group. Congenital, inflammatory, infective, neoplastic and degenerative pathologies affecting musculoskeletal system are treated.
- Staff members participated in local and regional social services camps.

Pathology

- Participation in blood donation camps

Pediatrics

- Blood bank camps attended by Resident Medical Officers-- 4
- Regular health camps attended by Resident Medical Officers -- 8
- Resident Medical Officers attended the Health Camps (round the clock) organized at Dadar Chityabhoomi for Mahaparinirvan Din of Dr. Babasaheb Ambedkar from 3rd to 6th December 2023.

Pediatric Surgery

- Birth Defect Clinic– Counseling and early intervention of congenital anomalies:492 families counseled since Jan 2023

Pharmacology and Therapeutics

- A team from Ayurveda Research Centre, Dr. Rutuja R. Chavan (House Officer), Dr. Jaee Kudtadkar (House Officer), Dr. Seema Dhakane (Registrar), Dr. Sharda Pawar (Registrar) participated in Health Camp organized at Chaityabhumi from 3rd to 6th December 2023 to provide care and awareness about rational use of Ayurvedic Drugs. Patients were examined and prescribed Ayurvedic drugs.

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 camps at
 - o Lifeline Express at Muzaffarpur, Bihar held in October, 2023
 - o Helping Hands Hospital, Dehradun, Uttarakhand, December 2023

Psychiatry

- Suicide awareness and prevention programme held on 07/09/2023 for patients and their caregivers.
- Programme conducted for caregivers of Schizophrenia patients on World Schizophrenia Day on 25/07/2023
- Street play was organized to raise awareness about addiction and prevention on 26/06/2023 on the occasion of De-addiction day.
- Awareness and support programme conducted for caregivers of Schizophrenia patients on 24/05/2023.
- Lecture on sexual assault and services provided by the One Stop Centre, KEM Hospital on 10/08/2023.
- Programme conducted for caregivers of Dementia patients on World Alzheimer's Day on 21/09/2023
- Awareness Programme conducted at BMC (G-North) Office on World Alzheimer's Day on 21/09/2023
- Malvani Community Outreach Centre
 - o New cases – 192
 - o Old cases – 2217

- OPD at KBBH, Kurla
 - o New cases – 387
 - o Old cases – 564
- Social Awareness Camps and Lectures
 - o Psycho-education groups conducted along with team once every week by the Psychiatry Social workers.
 - o Guidance provided to students of M.A. in Social work by Psychiatric Social Workers.

Pulmonary Medicine and EPRC

- Asthma education and counselling-1155 at Andheri
- Asthma education program
- Health education booklet on indoor air quality and lung health

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

- Blood Donation Camps: Tarun Mitra Mandal had organized 3 Blood donation camps in the year 2023 and contributed a total of 740 blood units in the year 2023.
- Bengali Suvarn Shilpi Association, at CP tank, 26/01/2023: 350 units
- Capgemini, Airoli , 2/02/2023: 391 units
- Cipla Company, Vikhroli, 2/03/2023: 328 units
- IIT Powai, 8/04/2023 and 14/10/2023: 579 units
- Aniruddha Upasana Trust, Bandra, 23/04/2023: 572 units
- Sant Nirankari Mandal, Boisar, 24/04/2023: 367 units
- Possa Hospital Uttan, 18/06/2023: 461 units
- Reliance, Ghansoli, 6/07/2023: 317 units
- Nanasaheb Dharmadhikari Pratishthan , Parel, 16/07/2023: 730 units
- L & T , Powai, 27/07/2023: 314 units
- Shivsena Shakha , Kalachowki and Chinchpokali , 30/07/2023: 573 units
- Godrej Company, Vikhroli, 8/08/2023 and 9/08/2023: 1166 units
- Capgemini , Andheri, 13/09/2023: 488 units
- HDFC Bank, Kanjurmarg, 8/12/2023: 442 units
- Ganesh Galli, Lalbaug, 10/12/2023: 503 units
- Siemens Company, 15/12/2023: 440 units

Donations and Grants

Donations and Grants

Biochemistry

- Donation of Rs.50,000 each from Becton Dickinson Diagnostics, Randox Laboratories, Beckman Coulter, Ortho-Clinical Diagnostics, Horiba for conducting Certificate Course in THIRD CERTIFICATE COURSE IN LABORATORY PRACTICES: A QUALITY APPROACH” certificate course in August, 2023

Cardiology

- Received new 2D echo machine “Philips AFINIYI CVx” from, The Indian Hume Pipe Company Limited
- Received in donation from The Indian Hume Pipe Company Limited, an Electro-Cautery Machine, an essential hardware during Pacemaker Implantation procedure.
- Installed New Water Purifier with in-Built Hot and Cold-Water Dispenser, received in donation form Dr. Santosh V. Shah.
- New Pacemakers for temporary pacing- 2 Nos. donated by Ms Rashida Shehabi and the Maskati family.

Cardiovascular and Thoracic Anesthesia

- Research society grant for Two studies on Sugammadex for cath lab and cardiac surgical patients.

Cardiovascular and Thoracic Surgery

- Donation of INR 2,00,00,000/- by the Members of Parliament Local Area Development Fund (MPLAD).

Clinical Hematology

- Karo trust – Providing the financial support and nutrition support RUTF
- Vasantha Memorial Trust – Donation for Medicines and Food grains.
- Cancer patient Aid Association – Donation for drugs
- Ratan Tata Trust
- Cuddles foundation for nutritional needs of children with malignant disease undergoing chemotherapy
- Can kids –
 - o Medical Assistance-General medical assistance, adopt a child (supporting the patient for complete treatment) for treatment as and when required as per the need
 - o Paediatric psycho-oncology program- Bereavement support and Palliative counseling.
 - o Treatment support program- hygiene and infection control sessions and interventions, nutritional support, sharing caring session.
 - o Capacity Building- training for social support team
 - o Awareness - International childhood cancer day, nurses’ day, doctor’s day, national nutrition week, breastfeeding week, global handwashing day, world blood donor day.
 - o Natco Trust- Day care renovation and staff salary
 - o Sushila Modi trust
 - o Budrani trust

Clinical Pharmacology

- Pharmacoeconomic analysis on post-exposure prophylaxis for Rabies Vaccination in human at a public tertiary care hospital in Mumbai-an interview- based study – Research Society grant of maximum of Rs. 1,00,000/-

Community Medicine

- Donations mobilised Rs.23600/-

Dentistry

- Social service department providing free dental treatment for medically compromised patients.

Donor	Amount	Equipment
Mr. Shashikant Vora and Sapna Vora through Sanyog Trust	Approx. 5 lakhs	RVG, portable Xray machine, Laptop, Apex locator, Endomotor
Runanubandh trust	Approx. 1 lakh	Piezo Surical unit

Dermatology

- Donation by Dr. S W Patange Rs. 25000/- to DDF (Dermatology).

ENT

- 12 sets of OPD Instruments donated by Sanyog Trust

Microbiology

S.No	Name of donor	Amount (Rs.)	Activity	Type
1	MDACS	75,000	ICTC-M, EQAS and ART activities	Patient care
2	MDACS	50,000	CD4 testing	Patient care
3	MDACS	30,000	Panel Workshop	Training
4	NACO/MDACS	3,00,000/-	Viral load testing	Patient care
5	NVBDCP	1,00,000	Vector borne diseases	Patient care and strengthening department
6	DHR/ICMR/VRDL	15,00,000	Salary to VRDL staff	Viral diagnostics and research laboratory

Neonatology

Sr. No.	Name of Donor	Amount donated / Equipment Donated (Rs.)	Specific Activity for which donated
1	State PIP, NHM	4137000/-	FBNC Training Programme for Medical Officers & Staff Nurses working in SNCU
2	State PIP, NHM	1200000/-	Operational Cost – SNCU
3	State PIP, NHM	260000/-	Operational Cost – CLMC
4	State PIP, NHM	100000/-	Operational Cost – FBNC Project
5	State PIP, NHM	188000/-	Printing of FPC Modules, SNCU, NBSU Case
6	State PIP, NHM	480000/-	Symphony Medela Breast Pump
7	MKH Foundation	LED Phototherapy Units (10 Nos)	Neonates diagnosed with Jaundice
8	MKH Foundation	Humidifiers (10 Nos)	Neonatal ventilation
9	MKH Foundation	DAB Box & Hard Drive of CFM (1 Nos)	For cerebral function monitor
10	Motiben Manilal Modi Charitable Trust	BSID Kit IV (1 Nos)	Neurodevelopmental assessment
11	Nalwala Foundation	Humidifier (1 Nos)	Neonatal ventilation
12	Mrs. Laveena Meetha	Humidifier (1 Nos)	Neonatal ventilation
13	M/s. B. H. Enterprise	Humidifier (1 Nos)	Neonatal ventilation
14	M/s. O. C. Specialities	Humidifier (1 Nos)	Neonatal ventilation
15	Inner Wheel Club of Bombay Charity Trust	Transport Incubator (2 Nos)	Neonatal transport
16	Inner Wheel Club of Bombay Charity Trust	Infant Warmer (4 Nos)	Neonatal care
17	Inner Wheel Club of Bombay Charity Trust	Neonatal Incubator (1 Nos)	Neonatal transport
18	Inner Wheel Club of Bombay Charity Trust	LED Phototherapy (1 Nos)	Neonates diagnosed with Jaundice
19	Inner Wheel Club of Bombay Charity Trust	Baby cap, Frock, Nesting and KMC bags (1500 numbers in total)	Routine neonatal care

Nephrology

- Nayanaben Premiji Dedhia and Family** donated Euroimmun Analyzer- I2P - Automated ELISA reader with high throughput for various immunological tests - worth Rs 38 lakhs

- **Toyo Engineering India Private Limited (CSR)** donated state-of-the-art Portable Ultrasound machine- EDGE II from Sonosite Fujifilm with advanced imaging capability to the Interventional Nephrology Unit of the Department
- The study titled - “A prospective cohort study to evaluate the prevalence, risk factors and outcome of renal function abnormalities in patients on Tenofovir based HAART” - recieved research society grant of Rs 1,00,000/-

Neurology

- Long term VEEG machine through CSR (by GIC)
- Android Tablets for maintaining electronic health records of epilepsy patients, donated by Ratanchand Hirachand Foundation, Mumbai

Obstetrics and Gynecology

- Three wheelchairs donated to Labour ward by Mr. Bhusane, Chembur in memory of his wife late Mrs. Amrita Bhusane.
- Six CTG machines donated by Song of Oneness Foundation.

Occupational Therapy

Nandgaonkar Hemant: Received Research Grant from the Research Society of Seth GS Medical College, KEM Hospital, Mumbai for the following projects

- Comparison of Proprioceptive Nest with Standard Nesting to meet the proprioceptive needs of preterm neonates in NICU- A randomized control non-inferiority study.”
- Comparison between Test of infant motor performance, Alberta infant motor scale, Developmental assessment of young children 2 and Amiel - Tison neuro motor assessment scale in infants with 0-4 months age”

Ophthalmology

- Seminar Hall was renovated with Air conditioning and painted
- Rexam lens orders

Pathology

- Cryostat machine for frozen section by ONGC through CSR

Pediatrics

Name of donor	Amount	Specific activity for donation
MPS Limited	INR 400000/- (INR Four Lakhs)	For running the Learning Disability Clinic
Thyssenkrupp Industrial Solutions Ltd. (TKIS), India [under CSR Program]	INR 7,04,934/-	Comprehensive Maintenance Contract for Pediatric Intensive Care Unit
Thyssenkrupp Industrial Solutions Ltd. (TKIS), India [under CSR Program]	INR 57,000/- per year for 5 years (2020-2025)	Annual CMC for 5 years for the donated 6 Multiparameter Monitors

Pediatric Anesthesia

- Pediatric Videoendoscope worth Rs 20 lakhs donated by Sahyog Trust through Jain Doctors Federation Mumbai
- INVOS Cerebral and Somatic Oximeter Donation of Rs 15 Lakhs by Ratanchand Hirachand Foundation, Mumbai

Pediatric Surgery

- 4K system
- Rotasil Vaccine Intussusception Surveillance in Kerala, Karnataka, Maharashtra and Gujrat, India
- M.P. Mr. Kumar Ketkar Members of Parliament Local Area Development fund for Paediatric Videoendourology set : Rs. 50 Lakhs/- (Patient care)
- Angeze charitable trust (Cultural activities and patient care)
- Providing essential hygiene care items to children and post partum mothers by Angeze Charitable trust.

Pharmacology and Therapeutics

- Dr. Sharmila Jalgaonkar Received ICMR-Investigator initiated research proposal grant for study entitled “To evaluate cardioprotective effect of S-Adenosyl methionine (SAM) as an add on therapy in patients of Chronic Heart Failure (CHF)”.

Physiology

- One research project selected for ICMR Short term studentship 2023- Dr.Munira Hirkani, Ms Saakshi Shree Singh.

Physiotherapy

- 5000 Elastocrepe bandages were received as donation and which were used for Lymphedema and other IPD and OPD patients.
- Other items received were: One portable Stimulator for OPD patients, One Body composition analyser donated by well wisher, One Weighing scale, One ankle mobilizer, One ankle exerciser, One stepper

Plastic Surgery

- Set up the Tissue Bank at KEM with collaborative help of ROTTO SOTTO and BMC and financial grants from NOTTO (NOTP) (for infra structure and equipment) and grant from Jewellex India for running the tissue bank.

Psychiatry

- Rs 16,44,438 only

Surgical Gastroenterology

- Olympus Elite IV Laparoscopic System received from Sahayog Trust and IPCA Pharma.
- Karl Storz Laparoscopic System
- Thompson Retractor
- Liga Sonix
- Smart TV with audio-visual system for seminar room

Urology

- Received Rs 25 lakhs donation from CU Shah Charitable Trust and purchased 30W Holmium laser machine and C arm machine from the donation

Education

Education

Anatomy

Courses offered, intake for the current year and results:

The courses taught by the Department of Anatomy are listed in the table given below:

Sr. No.	Courses offered	Intake of Students (for 2023)
1	I MBBS	250
2	MD Anatomy	04
3	I B.P.Th.	40
4	I B.O.Th.	40
5	Nursing	80
6	I B.P.M.T	35
7	PhD (Anatomy)	02
8	PhD (Applied Biology)	Nil

Anesthesia

- Course offered, Intake for current Year results :
 - o MD Intake : 33 Results : 100%
- Fellowships in Chronic Pain, Neuroanesthesia, GI anesthesia, Regional Anesthesia...2 students for each fellowship
- CPR : Advanced Cardiac Life Support (ACLS) : Workshops, attended by approx. 300 students.
- B.P.M.T. (OT Technician) Intake : 10 Results : 100%
- New courses added and Intake :
 - o One year fellowship course with approval from MUHS –
 - o Fellowship Course in Pain Medicine - 02
 - o Fellowship Course in Neuro Anaesthesia - 02
 - o Fellowship Course in Regional Anaesthesia - 02
 - o Fellowship Course in Gastroenterology Anaesthesia - 02

Library :

- No. of books : 700
- Computer equipped Dept. library is available for use to faculty and residents.

Biochemistry

- Online certificate course was organized on “THIRD Certificate Course in LABORATORY PRACTICES: A QUALITY APPROACH” held in August 2023
- Dr Anita Chalak was Organising Secretary at National Conference of Associations of Medical Biochemists of India.
- AITO (Integrated Teaching Programme - Horizontal & Vertical) in coordination with Departments of Physiology, Anatomy, Medicine, Surgical Gastroenterology, and Nephrology) along with Department of the Biochemistry for the following topics.
 - o Cell
 - o Jaundice
 - o Clinical Enzymology
- ICMR Short term Studentship (STS) program for medical undergraduates to familiarize them with research methodology.

Sr. No.	Courses Taught	Intake of Students for (2023)
1.	MBBS - I Year	250
2.	B.P.Th. - I Year	40
3.	B.O.Th. - I Year	40
4.	B.P.M.T. - I Year (Cardiology Technician & Perfusion Technician)	10
5.	PG-DMLT	10
6.	Ph.D. Medical Biochemistry	3

Cardiology

- D.M. Cardiology: Annual intake
- M.D. (Medicine/Allied) – Residents from department of medicine are posted for a period of 1 month in Cardiology on rotation basis.
- BSc PMT – Intake of 5 Students per year.
- BPTth and BPTh students & MPTh students for clinics, learning patient care and rehabilitation.
- Observers in Critical care and Palliative Medicine from Tata Memorial Hospital.
- Nursing students from various institutions are allowed observership as per administrative directives.
- Observers from Department of Palliative Medicine at Tata Memorial Hospital

Cardiovascular and Thoracic Anesthesia

- One international observer –
 - o 2nd year MBBS student with keen interest in Cardiac Anaesthesia, from Monash University, Melbourne.
- Elective Trainees:
 - o DM Cardiac Anaesthesia
 - o 2 seats/ year
 - o Both occupied
- Fellowship in Cardiac Anaesthesia
 - o 2 seats/ year
 - o Both occupied
- Both DM Cardiac Anaesthesia resident of batch 2019-2022 and Fellowship batch 2021-2022
 - o have passed in first attempt.
 - o (100% result)
- Library
Access to number of books, national and international Journals dedicated to Cardiac Anaesthesia both online and offline.
- 1. CME on “Overview of hemodynamic monitoring” on 13th April 2023 and on “Perioperative Mechanical Circulatory Support and Cutting Edge Critical Care Symposium and Workshop” held on 21st to 22nd October 2023.
- 2. Symposium on -
 - o Non invasive cardiac output monitoring
 - o Anaesthesia for aortic surgery.
 - o Transthoracic echocardiography.
 - o Cardiopulmonary bypass machine.
- 3. Resident sent for Observership in Pediatric Cardiac Anaesthesia at Fortis Hospital, Mulund and Kokilaben Dhirubhai Ambani Hospital for 15 days.

Cardiovascular and Thoracic Surgery

- Annual intake of 6 for M.Ch.
- Rotating posting: Cardiology, Chest medicine, Vascular Interventional Radiology, Congenital heart surgery at Childrens Heart Centre at Kokilaben Hospital and Surgical Oncology at Tata Memorial Hospital.
- Three years for BPMT perfusion therapy from MUHS Nasik.
- active teaching and clinical training to Nursing / OT & PT students
- One year certificate course in the Extra Corporeal Perfusion Technology- intake -3/yr
- Library – Departmental Library - 358 books

Clinical Hematology

- Department of Hematology along with NIH is one of the two international hemophilia training center in India where trainees are trained in comprehensive care of hemophilia in all the aspects of hemophilia management.

Clinical Pharmacology

- International Observers and Elective Trainees in 2023: Imparted training in TDM and use of HPLC (one-week structured training programme) to AIIMS Raipur team (one faculty member and two laboratory technicians) in March 2023

Courses offered

- DM Clinical Pharmacology – 3 seats per year
- PhD Clinical Pharmacology - Maharashtra University of Health Sciences – 3 seats per academic term
- Fellowship in Drug Development – 2 seats per year - Maharashtra University of Health Sciences
- PhD – Applied Biology – Mumbai University
- MSc- Applied Biology – Mumbai University
 - o Results: 2020 admitted DM students to appear for final DM examination in January 2024
 - o PG teaching and training activities: are regularly conducted for DM and MD residents in the Department.

Community Medicine

Courses offered, intake and results:

	Course offered	Intake	Results (2023)
1	M.B.B.S.	250	Pass –232, Failed – 11.
2	M.D. (Comm. Med.)	Intake - 19 in batch 2022-23	Passed- 15/19 Failed- 4 Casual batch – 2 Passed, 2 failed
3	PhD (Community Medicine)	6 students pursuing PhD in the Dept.	

PG Academic awards 2023:

- Dr. Parimala Subramanian Best Resident in Community Medicine Award shared by Dr. Kosturi Dakshit and Dr. Nived G Sudarson.
- Late Dr. Chandrakant Patil Award for excellence in Community Work - Dr. Nived G Sudarson.

Internship -

- The best intern award “Nina Dahejia Award” for the year 2022-23 was given to Akash Sharad Mantri for his exemplary work in Community Medicine.

Dermatology

Courses offered:

- MD Dermatology- Annual intake -6
- Fellowship indidiagnostic Dermatolgy- Annual intake -2
- Result - MD 100% pass, Fellowship 100% pass
- Regular lectures and presentations for PG students.
- Histopathology discussion on various skin biopsy slides in depth by the senior faculty.
- Lecture on histopathology is being conducted on every Tuesday for PGs and fellows by the visiting faculty (Dermatopathologist)
- Regular lectures and discussions are conducted for UG students posted in skin department.
- Virtual Annual IADVL Clinical Meeting of KEM Hospital was organised on 18th August 2023.
- Capacity building workshop on operational research at MDACS, Mumbai was attended by Dr Vidya Kharkar and Dr Sunanda Mahajan on 16th March
- Department Library consists a total of 197 books

Endocrinology

Courses offered:

- Annual intake -3
- DM Endocrinology-2
- New courses : Endocrine Oncology Fellowship
- Library: Number of Books pertaining to Endocrinology 476 in Central Library & 489 in Departmental Library.

ENT

Annual intake for MS -5

Fellowship one each for: Otology, FESS, Laryngology

- Theory lectures for MBBS, Physiotherapy and Occupational Therapy Students
- Practical clinics for MBBS students

Forensic Medicine and Toxicity

- (II) MBBS :- February 2023 – 255
- (III)MBBS:-Total Students - 261
- Grand Total:-516 (Five Hundred & sixteen)
- Total Exam going students
 - o No of candidates sent up : 251
 - o No of candidates passed : - 228
 - o Percentage of passed candidates : - 90%

Gastroenterology

- DM Gastroenterology : 4 new candidates in year 2023.
- Dr Kiran Mane : Tata Memorial Centre. Motility disorders, IBD and hepatology training.
- Two candidates completed DM Gastroenterology course. Hepatology fellowship : 02 Dr. Shruti Mehta

General Surgery

- MUHS approved course of Breast Fellowship (2 fellow intake per year) as the first independent fellowship course in department of general surgery under Dr. Shilpa Rao.

Medicine

- Annual intake for MD Medicine: 23

Microbiology

Courses offered

	Courses Offered	Intake for the current year	Results of previous batch
1	MD (Microbiology)	6	All 6 cleared of batch 2020
2	Fellowship in IPC with specific reference to H.A.Is	1	1/1 student passed in 2022
3	II MBBS (Microbiology)	250 Results awaited	
4	PG D.M.L.T	7/10	Results awaited

- Conducted state level CD4 Cyflow counter refresher training for Maharashtra state.
- Conducted EQAS panel workshop for ICTCs on 9th March 2023 and 25th October
- Curriculum based lectures and practicals are delivered to II MBBS, OT/PT (II year), Nursing, B.P.M.T, M.D and P.G DMLT students.
- Library: Library (Departmental Library) Books – 239
- Internet facility for access to digital resources of central library and other online resources are provided.

Neonatology

- National observers cum trainee: 10 Pediatricians & 50 nurses from Alibaug, Nashik, Ulhasnagar, Amravati, Sangli, Jalgaon and Nandurbar districts of Maharashtra trained in neonatal care under Facility Based Newborn Care program.
- Organization of 10 Facility Based Newborn Care Observership Training programs of 14 days each for pediatricians & nurses from all over Maharashtra.
- DM residents from Pediatric Anesthesia department were posted for allied posting in Neonatology.
- Palliative care resident from TATA hospital posted for 1 week in the department of neonatology every year.

Courses offered	Intake
DM (Neonatology)	4
MUHS Fellowship	2

- New courses added and intake : Nil
- Library : Total No. of books – 200

Nephrology

Courses	Intake	Results
DM Nephrology	2 students per year	100%

Library- Total number of books- 370+ and journals (national and international)

Neurology

- Two students per year for DM Neurology.
- Two Fellows per year for Epilepsy Fellowship (Post-Doctoral)
- 5 students per year for B.Sc. Paramedical Technology
- Library – Dept. library holds 250 books.

Neurosurgery

- International and national observers attend neurosurgical services. The Department has a Microneurosurgical laboratory for anatomical dissections, the only kind in Western India, is in great demand.
- The laboratory is recognized by Neurological Society of India and World Federation of Neurosurgical Societies (WFNS).
- The Department has 5 recognized teachers for M.Ch. (Neurosurgery) of the University of Mumbai.
- Every year 4 candidates are admitted for the M.Ch. Neurosurgery course.
- The Departmental library has 2314 books and various National and International Journals.
- The department is now planning to start fellowship courses with MUHS University.
- Regular lectures conducted by all faculty of the department in national and international platforms.

Obstetrics and Gynecology

- MBBS-250
- MS-36
- Fellowship in Assisted Reproductive Technology -2

Occupational Therapy

Year	Result
First BOTH	52.5%
Second BOTH	67.5%
Third BOTH	84.61%
Fourth BOTH	90%
MOTH - Neurosciences	100%
MOTH - Developmental Disabilities	100%
MOTH - Musculoskeletal Sciences	100%

Library:

- 60 Journals (3 journals were subscribed annually: American Journal of Occupational Therapy: 6 issues/year, Archives of Physical Medicine & Rehabilitation: 12 issues/year & British Journal of Occupational Therapy: 12 issues/year)
- Library Holdings for Books: 850 Reference Books.

Ophthalmology

New books are added every year with constant updates few of them include

- Kanski clinical ophthalmology
- Introduction to visual optics by Samantha Strong
- The wills Eye Manual.
- Peymans principal & practice of Ophthalmology.

Orthopedics

- Courses offered – MS Orthopedics- Annual intake 24
- Library: is updated departmental and also has online journal data base.

Pathology

- MD Pathology – 14 students per year
- MBBS –250 students per year
- DMLT - 10 students per year
- BPMT Course – 5 students per year
- BPTTh & BOTTh courses – Total 80 students (40 each) per year
- Twelve Fellowship posts sanctioned per year in Cytopathology, Neuropathology, Cardiovascular Pathology, Gastro-intestinal Pathology, Urology and Pediatric Pathology; Eight fellows under training at present.
- B Sc Nursing lectures for 80 SNT nursing students
- Observership offered for Autopsy & Histopathology training to MD & DNB Pathology post-graduates from all over India throughout the year.
- Observership to laboratory technology trainees from various colleges in Mumbai throughout the year.
- Regular weekly or monthly meetings with clinical departments (Endocrinology, Gastroenterology, Nephrology, etc) for discussion of difficult and interesting cases, to further knowledge and better patient care.
- **Library:** 310 text books.

Pediatrics

International Observers & Elective Trainees:

Sr. No.	Name of the Trainee	Place of Origin
1	Anup Anil Khalate	Alte University, Tbilisi, Georgia
2	Akash Ajit Bhargava	Chongqing Medical University, China
3	Tanmay Balkrishnan Bhatnagar	Chongqing Medical University, China

4 Courses offered and Intake for Current Year:

- MD Pediatrics: 28 MD Pediatrics seats [at Seth G.S. Medical College].
- Fellowships: Fellowship in Pediatric Neurology & Epilepsy (2 seats), Fellowship in Clinical Genetics (2 seats), and Fellowship in Pediatric Intensive Care (2 seats).
- MSc in Applied Biology.
- Postgraduate students from MD- Palliative Medicine Course (Tata Memorial Hospital) and MD- Community Medicine (Seth GSMC & KEMH) are periodically posted in Pediatric Department as a part of their MD training Program.
- o Library Holdings: Books & Periodicals - 110.

Pediatric Anesthesia

Course offered:

- DM, Intake : 2 Results : 100%
- Fellowships in Paediatric Anaesthesia, Intake: 2 Library :
- No. of books : 63
- Computer equipped Dept. library is available for use to faculty and residents.

Pediatric Surgery

- Annual intake for M.Ch. Paediatric surgery:2
- Dr Mahendra Dandage and Dr Sonal Malviya
- Fellowship in Minimal Access in Pediatric Surgery :
- Fellowship course in surgery for newborns and children (under process)

Pharmacology and Therapeutics

Participation in UG and PG teaching and training activities:

- Teaching sessions for the students of II MBBS, II year BOTTh, II-year BPTTh, II year, BPMT and II-year Nursing students of the college were conducted offline & online using Microsoft Teams App.
- 84 lectures and 81 SGD/ practicals/ SDL were conducted for the March 2023 CBME batch II MBBS students from March to December 2023.

- 21 Journal Clubs and 54 Seminars were conducted for PG students of pharmacology in the year 2023 till 31st December 2023.
- Post graduate students were posted in Pharma industry as a part of training for 2 months:
 - o 2021 Batch: Five postgraduate students were selected for a two-month internship program at Abbott, Mumbai and two were selected for a two-month internship program at Astra Zeneca, Bengaluru.
 - o 2022 Batch: Two postgraduate students were selected for a two-month internship program at Abbott, Mumbai.
- Workshops / CMEs / Guest lectures organized:
- Workshop on “Evaluation and Management of Hypertension from a Nephrologist’s perspective” was conducted by the Department of Pharmacology and Therapeutics on the occasion of Dr. U.K. Sheth Oration ORACON 2023 on 11th January 2023.
- Basic Research Methodology Workshop at Terna Dental College and Hospital conducted by Department of Pharmacology and Therapeutics from 18th-20th January 2023.
- Workshop on Good Clinical Practice was conducted for National Burns centre, Airoli by the Department of Pharmacology and Therapeutics on 9th May 2023.
- Workshop on Good Clinical Practice was conducted for Ethics committee of The Humsafar Trust, Santa Cruz, Mumbai by the Department of Pharmacology and Therapeutics on 26th August 2023.
- Workshop on Good Clinical Practice was conducted for Ethics committee of Tata Institute of Social Sciences, Navi Mumbai by the Department of Pharmacology and Therapeutics on 25th October 2023.
- Workshop on Good Clinical Practice was conducted for Ethics committee of The Foundation of Medical Research, Worli, Mumbai by the Department of Pharmacology and Therapeutics on 12th December 2023.
- Workshop on Good Clinical Practice was conducted for Ethics committee of Vasantrao Pawar Medical College, Nashik by the Department of Pharmacology and Therapeutics on 27th December 2023.
- PHARMATECH-2023, a national online workshop for Pharmacology postgraduate students was held as three-module workshop between 2nd August to 5th August (Module-1); 9th to 12th August (Module 2); 16th to 19th August (Module 3).
- PHARMASTEER 2023, an online orientation programme for postgraduate medical students all over India, was held on 25th November and 2nd, 9th and 16th December 2023 as a part of the academia-industry collaboration between Department of Pharmacology & Therapeutics and Astra-Zeneca.

Courses offered:

Courses Offered	Intake for the current year	Results of Exams
MBBS	250	May 2022 CBME regular Batch – 251 students appeared and out of them 228 passed.
MD Pharmacology	10	2020 Batch all students passed.

Library: Currently holding 823 books.

Physiology

- Workshops for training in CPCPCR were conducted for I MBBS students in collaboration with Anesthesia department.
- Training for achieving competence in regional language, professionalism and ethics were organized by the department for I MBBS student
- Developed a departmental skill lab for skill based training for undergraduate students
- Courses offered & intake for the current year

Courses offered	Intake for the current year
Postgraduate degree course in Human Physiology	07
I MBBS	250
FYBOTH /FYBPTh	40+ 40
III year OT	40
Bachelor of Para-Medical Technology 1 st & 2 nd year	25

Conducting teaching program for Masters in Sports Science (Mumbai University) & for Bachelors in Biomedical Engineering, Vidyalankar Institute of Technology

- Scholarship examination was held for I MBBS students (Shirwalkar examination).
- Total no. of books in the departmental Library = 1663

Plastic Surgery

Courses offered and intake for current year: M.Ch. Plastic Surgery- 4 students per year Conferences and workshops organised by the department:

- Face and Hand Transplant Hands-on Cadaveric Workshop in collaboration with ROTTO SOTTO (West) in April 2023
- Hand Transplant Hands-on Cadaveric Workshop in July 2023
- Flap dissection Hands-on Cadaveric Workshop in collaboration in July 2023

Psychiatry

- International /National Observers/Trainees in Psychology - 9
- Courses Offered And Intake in the year 2023:
 - o M.D. (PSYCHIATRY) – 6
- Results for the year 2023:
 - o 6 MD Psychiatry candidates passed the MUHS Summer 2023 Examination.
- New Courses/Activities:-
 - o 2 Fellows registered for MUHS approved one year Fellowship course in Deaddiction in 2023
- Books on Psychiatry and Allied Subjects: 1015
- Conferences/Seminars/Workshops Attended by Faculty :
 - o Dr Ajita Nayak: Faculty contributed to various conferences, workshops and CMEs.

Pulmonary Medicine and EPRC

- Externship student Mahir Sampat
- CME: Continuing Medical Education on 'Tuberculosis' 24th March 2023.
- Webinar faculty – date 28th October 2023, Saturday, 9am
- Courses Offered :
- MD Pulmonary Medicine :- 4
- DM Pulmonary Medicine :- 2
- Nursing staff Training : Linkages
- Training of Staff Nurses from group of (2022)
- TB Hospitals:- Respiratory intensive care
- Use of NIV, Oxygen & aerosol therapy, Mechanical Ventilation.
- Practical Training and Theory Lectures.
- OT/PT Student Lectures

Radiology

- Annual intake for MD radiology-13
- Epilepsy Meet- Weekly
- Gastrointestinal Meet – Weekly
- Journal club monthly
- Radiology Chest meet – fortnightly
- Grant TF Meet held on 17th December 2022 which involved presentation of 45 cases from hospitals across Mumbai attended more than 100 Resident doctors
- Weekly lectures by Ex HOD, Radiology, KEM Hospital Dr.Ravi Ramakantan

Surgical Gastroenterology

Courses Offered:

- One Year MUHS Fellowship in Minimal Access Surgery with intake of two students every year
- One Year MUHS Fellowship in HPB Surgery with intake of two student every year
- Conduct Quarterly Basic Laparoscopic Instructional Course for Surgeons from Periphery.
- Maharashtra Govt Sponsored One Fellowship for Rural Surgeons in GI Surgery.
- Dr Chetan Kantharia Liver Transplantation in patient with HCC: Panelist at Ground Round in Hepatology by Global Hospital, November 2023

- Dr Ramkrishna Prabhu Moderated a Panel discussion on Biliary Stricture at Asia Pacific Hepato-Biliary-Pancreatic Conference held at Bangalore in September 2023 and Surgery for Chronic Pancreatitis at ASICON 2023-Vizag
- Dr Ramkrishna Prabhu was Panelist for discussion on Obscure GI Bleed at ASICON 2023-Vizag
- Fellowship Training Completed by:
 - o Dr Chetan Jain: MUHS-Minimal Invasive
 - o Dr Pravin HK: MUHS-HPB

Library: Equipped with all relevant GI surgery books with access to all journals (online /offline)

Transfusion Medicine

- M.D. in Immuno-haematology and Blood Transfusion with annual intake of 2 students since July 2010 and 11 batches of M.D. students have passed out till date.
- Lectures are taken for second M.B.B.S. students, D.M.LT. Students, O.T. and P.T. students and the nursing students from S.N.D.T & various colleges.
- Technologists take specialized training in “Component Preparation and plateletpheresis.”
- Asian Association of Transfusion Medicine (AATM) Global Nurses Training Program: Dr. Jayashree Sharma is the Chairperson of the program and Dr. Swarupa Bhagwat and Dr. Parag Fulzele are faculty.

Urology

- M.Ch: annual intake 2
- Multiple Urology and cadaveric workshops were conducted

Patient Care

Patient Care

Anesthesia

- Anaesthesiology department catered to 43 operation theater tables located in 15 OT complexes.
- Anaesthesia services provided to 63,000 surgical patients & the department catered to 25,000 Anaesthesia OPD patients for pre-operative evaluation.
- The department has special post-operative pain relief services and anaesthesia intensive care unit.
- Anesthesia services have started in MRI and additional OR tables in Orthopedic OT, Spine, Urology, EMS.
- Anaesthesia services were given for workshops conducted in the following specialties : Paediatric Surgery OT, Urology OT, Plastic Surgery OT, Ortho OT, Spine OT, ENT OT, General Surgery OT & G.I. OT.

Biochemistry

Central Clinical Biochemistry Laboratory (CCBL)

Patients' samples are analyzed on:

- TWO AU 680 Fully Automatic Biochemistry Analyzers
- ONE DxC 700 Fully Automatic Biochemistry Analyzer
- TWO AU 680 Fully Automatic Biochemistry Analyzers
- ONE DxC 700 Fully Automatic Biochemistry Analyzer

Emergency Medical Services Laboratory (EMS Lab)

Patients' samples are analyzed for biochemical parameters on:

- ONE Transasia XL 640 Fully Automatic Biochemistry Analyzer
- ONE Erba Mannheim EM 200 Fully Automatic Biochemistry Analyzer
- TWO Transasia ERBA Easylyte Electrolyte Analyzers
- ONE Roche Electrolyte Analyzers
- ONE AGD Electrolyte Analyzer
- ONE Transasia ERBA Chem-7 Semiautoanalyzer

The biochemical parameters which are analysed daily are:

Name and Number of tests done annually in CCBL and EMS Laboratory from Jan 2023 to Dec 2023

Sr. No	Name of Parameter	Total number of tests	
		CCBL	EMS
1	Blood Sugar	186986	65863
2	Sr Creatinine	218440	112577
3	Blood Urea Nitrogen	214789	151603
4	Serum Total Protein	246167	NA

Number of tests done annually in CCBL and EMS Laboratory from Jan 2023 to Dec 2023

Sr. No	Name of Parameter	Total number of tests	
		CCBL	EMS
5	Blood Sugar	186986	65863
6	Sr Creatinine	218440	112577
7	Blood Urea Nitrogen	214789	151603
8	Serum Total Protein	246167	NA
9	Serum Albumin	246167	NA
10	Serum Alkaline Phosphatase	251300	NA
11	SGOT	252839	NA
12	SGPT	252839	NA
13	Serum Uric Acid	30091	NA
14	Serum Bilirubin (Direct & Indirect)	54373	7196
15	Serum Electrolyte	134697 x 3	123819

Sr. No	Name of Parameter	Total number of tests	
		CCBL	EMS
16	Calcium	109836	NA
17	Phosphorus	63167	NA
	TOTAL	2261697	461059

Number of tests done in CVTS Laboratory (Lab 315) from Jan 2023 to Dec 2023

Sr. No.	Name of test Parameter	Total number of tests
1	ADA	-
2	Total CK	2842
3	CKMB	2941
4	Amylase	1356
5	LDH	13443
6	Cholesterol	25529
7	LDL	18397
8	HDL	18397
9	Triglyceride	25749
10	CRP	590
	Total	109248

CVTS Laboratory No. 315 (Lab 315)

Patients' samples are analyzed for biochemical parameters on:

1) ONE Randox Rx Imola Fully Automatic Biochemistry Analyzer

Number of tests done in CVTS Laboratory (Lab 315) from Jan 2023 to Dec 2023

Sr. No.	Name of test Parameter	Total number of tests
1	ADA	-
2	Total CK	2842
3	CKMB	2941
4	Amylase	1356
5	LDH	13443
6	Cholesterol	25529
7	LDL	18397
8	HDL	18397
9	Triglyceride	25749
10	CRP	590
	Total	109248

Cardiology

No. of Procedures done in Siemens & Philips Cath Lab from 1st January 2023 to 31th December, 2023

Sr. No.	Types of Procedures	No. of Procedures
1	Coronary Angiography	880
2	BMV	91
3	BPV	3
4	BAV	4
5	ASD Device Closure	33
6	VSD Device closure	1
7	RSOV Device closure	2
8	PDA Device Closure	19

Sr. No.	Types of Procedures	No. of Procedures
9	PCI with stent	1375
10	Bifurcation PCI with stent	78
10	Rotablation	8
11	Renal artery angioplasty with stenting	1
12	Electrophysiology Study and Radio Frequency Ablation	97
13	PPI Implantation	96
14	Diagnostic Catheterization	12
15	AICD implantation	17
16	CRT implantation	3
17	Coarctoplasty	5
	Total No. of procedures	2725

From 1st January, 2022 to 31st December 2022

Total No. of patients admitted in ICCU	1860
Total No. of patient admitted in Wd. 32	3654
Total no. of patients undergoing CST	1499
Total no. of patients undergoing CPET	45
Total no. of patients done 2D ECHO/CD	7100
ECG	38604
Holter testing	325
CVTC OPD	49536

New services: Started the STEMI CARE PILOT project- 24x7 primary angioplasty facility for STEMI patients

Cardiovascular and Thoracic Anesthesia

Anaesthesia services provided to:

Cardiovascular and Thoracic Surgery

- 4 Operation theatres (3 Routine + 1 Emergency)
- 12 bedded ICU
- 15 bedded HDU

Cardiology

- 2 Cath Labs
- 12 bedded ICCU
- 12 bedded HDU
- 24 hrs PAMI cases

Chest Medicine

- Bronchoscopy room
- 8 bedded IRCU
- Cardiac CT

Anaesthesia for several complex interventional procedures performed in

- Cath Lab – Transcatheter Aortic Valve Replacement, RVOT stenting, Transcatheter Pulmonary Valve Insertion, leadless pacemaker insertion.
- Pulmonary intervention – Distal bronchus foreign body removal, Tracheal dilation, Device closure for Bronchopleural Fistula.

Equipment addition for better patient care: TEE machine, High end anesthesia workstation, Thromboelastography for blood management in the perioperative period.

Cardiovascular and Thoracic Surgery

- 1500 new cases were evaluated for various Cardiac Thoracic and Vascular ailments.
- Total Admissions: 657

Total Surgeries: 870 (Cardiac: 649 Thoracic: 24 Vascular - 197)

Two Functional Departmental Vascular Lab with Weekly Hands-on Training session

Endotrainer Simulator training for MICS and VATS.

Out Patient Services

Four Outpatient Clinics are conducted every week:

- Timing - 1.30 pm Onwards
- Place - CVTC Building, Ground Floor (307)
- Days - Monday/Wednesday (Dr. DVK Unit) , Tuesday / Friday (Dr.UEJ Unit)

Clinical Hematology

- Three times a week OPD on Mondays and Thursdays from 9.30 to 1.30 and on Wednesday on 11th floor from 9.30 to 12.30 for follow up of CML and Aplastic anemia patients.
- Patients requiring indoor admissions are admitted to Ward 42 on the 10th floor, New Multistory Building
- Emergency services for bleeding disorder and hematological malignancies patients.
- Hematology day care Centre :on the 11th floor new multistory building. Centre has been developed with the funding from the Natco trust.
- With the help Cuddles Foundation we have a dedicated nutritionist trained in cancer nutrition works in hematology dept and this foundation provides nutrition supplement and ration to pediatric cancer patients. We have also started RUTF nutrition supplement programme for paediatric patients
- Cankids organization has started their support programme in the department of hematology their Medical social worker and counselor counsel and help the patient regarding the chemotherapy, financial assistance, helping to get accommodation and other patient needs.

	Admission	Death
Total	821	21

Other services:

- 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.
- Other hematological disorders

Number of patients treated in Day care :17667

Number of OPD patients (Hematology Dept.):

Number of OPD patients	New patients	Old patients	Total
Total	4277	14702	18979

Investigations in the dept. of Hematology Laboratory (10th floor)

Various Tests such as Hemogram, Bone Marrow aspiration, Biopsies, Hemolytic Workup, Haemostatic Workup done

Along with NIH-ICMR

- "Evaluation of efficacy and safety of low dose versus standard dose Eficizumab for the treatment of Hemophilia A – A randomized controlled trial"
- Defining immunological markers for response to immunosuppressive therapy in a patient of aplastic anemia

Sponsored trial

- Frontier 2, 3 and 4 trials
- Phase IV luspatercept trial

Laboratory information:

Dr. J. C. Patel Hematology Department, K.E.M Hospital, Parel, Mumbai - 400012.

The Hematology 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 2023 is as follows:

	HB	Retic	TC/DC	ESR	Plt.C	BMA
Total	19234	4631	19234	61	19234	1064

	PT	APTT	Fibrinogen	HbEPP
Total	1420	657	586	235

Clinical Pharmacology

Therapeutic Drug Monitoring (TDM) Services- samples analysed and reported

Total patient for anti-epileptic Drugs -1621

- Phenobarbitone - 101
- Phenytoin -227
- Carbamazepine-115
- Levetiracetam-478
- Lamotrigine- 60
- Valproate - 436

New TDM services added with number

- Vancomycin- 30
- Voriconazole - 36

Total patients for anti- manic drugs [lithium] – 71

Pharmacogenetics services- Total patients genotyped – 635

- Warfarin [CYP2C9, VKORC1] – 143
- Tacrolimus [CYP3A5] - 47
- Clopidogrel [CYP2C19]-107
- Azathioprine [NUDT15] – 158 and TPMT – 180

Malaria OPD

- Total number of patients screened – 1610
- Total number of positive plasmodium vivax patients – 51
- Total number of positive plasmodium falciparum patients – 03

Community Medicine

General OPD Services: 46232

Immunization OPD: 12867

Yellow Fever & Adult OPV Vaccination OPD

YELLOW FEVER VACCINE BENEFICIARIES	ADULT OPV BENEFICIARIES
1137	498

Oral and Breast Cancer Screening OPD

Number of patients screened			Patients with positive finding			
Oral cancer			Oral cancer			Breast
M	F	total	M	F	total	F
2058	491	2549	98	15	112	221

NCD Corner: more than 10000 screened and approximately 6000 diagnosed with HTN and / Diabetes

Integrated Disease Surveillance Program:

Month	Fever	AGE	Lepto	Dengue		Malaria			Hepatitis		Enteric Fever	H1 N1
				ELISA	Rapid	P. Vivax	P. Faldi.	Mixed	A	E		
Total	1258	97	267	541	289	142	32	3	4	0	30	6

Dentistry

Total OPD patients – 12706

Procedures done -

- Extractions – 1013
- Root canals – 552
- Restorative work (fillings) – 565
- FPD/RPD – 124

- Major and minor surgeries – 175
- Dental Implants for missing teeth - 25
- Dental management and oral hygiene in haemophilia patients - 124
- Single visit root canal treatments for patients in haemophilia patients- 24
- Dental treatment in general anesthesia for medically compromised children – 6
- Neonatal care-Obturbators for cleft lip and palate patient. Natal and neonatal tooth extractions – 4

Dermatology

- No. of OPD patients per day- 400-500/day
- No. of Biopsies done per day- 10-12/day
- No. of IPD patients per week- 08-10/week
- No. of procedures done (EC/RF/Peels/ILS/Needling)- 150-200/week
- No. of Platelet Rich Plasma (PRP) done per week- 20-25/week
- No. of various LASERS done per week- 15-22/week
- No. of minor OT procedures done - 12-15/week
- Biologicals like Injection Rituximab is given to non-affording patients of Vesiculobullous diseases under ayushman scheme
- Use of advanced surgical modalities like Non-Cultured Melanocyte Transfer, SMASH Grafting, Split thickness skin Grafting for treatment of Vitiligo patients.
- Multiplatform LASER, IPL, Q-Switch Nd-YAG, Erbium LASERS for Vitiligo, Acne scars, Skin rejuvenation, Hirsutism, Pigmentation are done under Cosmetology and Vitiligo Special OPDs.
- Patient awareness posters regarding Acne, Hair, Psoriasis, Vitiligo, Pediatric dermatoses, Cosmetology, Various procedures, and Leprosy are present in Skin OPD educating patients regarding the prevention and management of these common skin problems.
- Various chemical peels, PRF, iPRF, biological fillers for atrophic scars and facial contouring and revision surgeries are done under Cosmetology Special OPD.

Endocrinology

A. Indoor admission:

1. Male: 274
2. Female: 202
3. Male Child: 64
4. Female Child: 34

B. Outdoor patient:(01 January 2023 to 30 November 2023)

Diseases	New Patients	Old Patients	Total Patients
Diabetes	5125	19545	24670
Thyroid	3669	7403	11072
Puberty and Growth Clinic	1999	3549	5548
Total	10793	30497	41290

Hormone Assay Workload from Jan 2023 to Nov 2023:

Sr. No	Test	Total Tests Done in 2023		Total Tests Done in 2023	Total Tests Done in 2023
1	FBS	5953	10	Testo	3320
2	HbA1c	30781	11	Cortisol	3696
3	T3	16430	12	PTH	4565
4	T4	16751	13	ACTH	2085
5	TSH	30121	14	IGF1	2529
6	AMA	3605	15	GH	2514
7	FSH	3838	16	FT3	3894
8	LH	3972	17	FT4	4582
9	PRL	36389			

Overall highlight of patient care services (numbers of each service)

All services are carried at OPD No. 103, 1st floor, OPD building, Seth GSMC and KEM Hospital, Parel, Mumbai.

Sr No	Days	OPD	Timing
1	Monday	Diabetes OPD (New Patients) , Diabetes Foot Clinic	8.30am to 10.30am
2	Tuesday	Diabetes OPD, Diabetes Foot Clinic	8.30am to 10.30am
		Thyroid OPD & Obesity Clinic	1.30pm to 3.30pm
3	Wednesday	No OPD	
4	Thursday	P&G OPD, Endocrine Oncology OPD & Adrenal Disorder Clinic	8.30am to 10.30am
5	Friday	Diabetes OPD(New Patients), Diabetes Foot Clinic, P&G OPD, Endocrine Oncology OPD & Adrenal Disorder Clinic	8.30am to 10.30am
		Thyroid OPD & Obesity Clinic	1.30pm to 3.30pm
6	Saturday	Diabetes OPD, Diabetes Foot Clinic	8.30am to 10.30am

(Gestational diabetes cases seen on all days)

- Pituitary meet: 1st Wednesday of every month
- Thyroid meet / Histopathology meeting:
- 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 2-3 month
- Head face neck Meeting: once in 2 months on 3rd Wednesday

New services added

- Diabetes Foot Clinic,
- Adrenal Disorder Clinic.
- Obesity Clinic

ENT

- No. of OPD's run: one OPD(NO 107)
- Frequency of OPD: All days of week (Except Sunday)
- Annual OPD Attendance: 41720 patients
- Annual IPD: 1389
- Surgical statistics: 1880
- Audiometry Testing: 3702
- No. of IPD BEDS: 60

Forensic Medicine and Toxicity

- Medicolegal Autopsy conducted on deceased forwarded for Post Mortem Examination by Investigation Officer.
- Estimation of age 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 & Crime Scene Visit.
- Forensic Odontology Expert Opinion given on cases of Sexual Assault, identification of unknown & Age assessment.
Total Post-mortem Cases – 1249 till date
Total Ante-mortem cases – 394

Gastroenterology

- O.P.D. Patients :
 - o New patients: 7426
 - o Follow up patients: 21634
- Indoor Patients admitted to Gastroenterology wards (32A & 41) : 1513
- Procedures:
 - Diagnostic
 - o Upper GI Scopy : 3330
 - o Colonoscopy : 1170

- o E.R.C.P : 785
- o Proctoscopy : 1050
- o Liver Biopsy : 70
- o EUS procedures : 345

Therapeutic Procedures

- o Esophageal Variceal Sclerotherapy :88
- o Esophageal Variceal Band / Loop Ligation : 1096
- o Endoscopic clipping for bleeding lesions/ polyps :66
- o Esophageal Dilatation :920
- o Esophageal Prosthesis Placement :9
- o Gastric varices with glue :165
- o Bleeding Ulcer Injection :59
- o EUS therapeutic Biopsy :125
- o Argon Plasma Coagulation :87
- o Endoscopic biliary sphincterotomy :750
- o Endoscopic pancreatic sphincterotomy and drainage : 160
- o Pancreatic cyst drainage : 77
- o Polypectomy :70
- o Foreign Body removal :58
- o Percutaneous endoscopic gastrostomy :3
- o Rectal Stricture Dilatation : 78
- o Capsule endoscopy :11
- o Therapeutic EUS : 62
- o ESD : 5
- o POEM-30
- o TEG-58
- o Manometry
 - o Esophageal-91, Anorectal- 129

General Surgery

- Total admission: 9041
- New OPD: 30118
- Old OPD: 18823
- Total OPD pts: 48941
- Breast clinic new patients: 873
- Breast clinic follow-up patients: 1750
- Total Breast clinic cases: 2623
- Major Surgery: Elective OT: 1957; Laparoscopy Surgery: 660
- Major Surgery Emergency OT: 1627
- Minor Surgery Emergency: 788
- Minor Surgery OT MSOT: 16833

General Surgery Manages the following services

General Surgery OPD, Breast OPD, Injection & Dressing OPD, Minor Surgical OT for OPD surgical procedures, Elective and Emergency General Surgical Services, Surgical Intensive Care Services,

Department runs Stoma Care OPD and indoor patient services with education and follow up support.

Medicine

Daily Medical indoor and OPD patients attended by all faculty

- Indoor Patients: -More than 12000 patients occupied beds
 - o MICU/ EMS ICU patients : MICU 970, Stroke ICU-139, Total- 1109
- OPD Patients - General Medicine OPD
 - o Old : 19,453
 - o New : 13,635

Superspeciality OPDs attended as below:-

Sr. No	OPD	Faculty	Day & Time	Patients load
1	Rheumatology OPD	Dr. MYN, Dr. AGR Dr. AKS Dr. Juhi Dr. Shraddha Dr. Vinayak	Tuesday & Saturday 8:30am to 12 noon	New:- 550 Follow up:- 3414
2	Virology OPD	Dr. KSJ Dr. Smrati Dr. Shraddha	Thursday 08:30am to 12 noon	New:- Follow up:- 700
3	Hypertension OPD	Dr. SBS Dr. Juhi	Wednesday 08:30am to 12 noon	New:- 306 Follow up:- 1,763
4	Geriatric OPD	Dr. Meghna	Thursday 01:30 pm to 03:00pm	New:- 05 Follow up:- 246
5	Infectious Disease OPD	Dr. KDS	Friday 13:30-15:00	New:- 70 Follow up:-26
6	Palliative Care OPD	Dr. KDS	Thursday 8:30-10:30AM	New:- 10 Follow up:-0

MICU:

- Care of critically ill patients like complicated tropical illnesses e.g. malaria, leptospirosis, dengue, septicemia, poisoning, fever & acute lung injury/ ARDS needing ventilator therapy. We also manage obstetric & gynecological patients presenting with medical emergencies as also post vascular & neuroradiology interventions.
- MICU has managed critically ill residents and interns of KEM Hospital who had dengue fever and acute febrile illnesses.
- Total 30 ventilators - to provided noninvasive & invasive mechanical ventilation to Acute lung injury/ ARDS/ Respiratory/ depression/ Cardio respiratory failure patients.
- 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.
- CAVH, CVVHDF on CRRT machine available in MICU.
- 2D Echo done by portable, USG + Echo machine on MICU patients: 332.
- Bronchoscopy: Therapeutic, Diagnostic bronchoscope and fiberoptic bronchoscope
- Percutaneous tracheostomy: total 5

New facilities provided:

- 30 Multipara Monitors & 1 USG & 1 2D Echo Machine for Critically ill patients.
- 2 HD Machine are installed in ICU for Dialysis and Plasmapheresis.
- 1 ECG machine and 2 Defibrillator procured for patient care
- Ems Intensive care unit having 15 beds and ventilators, 8 multipara monitors managing emergency cases like myocardial infarction, GBS, tropical illnesses, poisoning, needing monitoring and ventilator treatment.

Microbiology

Annual workload:

Section	Workload
Bacteriology including Emergency laboratory	
Samples processed	103543
Antibiotic susceptibility tests	40929
BACTEC	4030
Vitek rapid ID and ABS	1227
VITEK MS Prime (MALDI-ToF)	443
Total	1,50,172
Virology and Immunology	
HIV serology	43589
HBV serology	40334
HCV serology	40357

Section	Workload
RPR	5114
CD4 count	7340
Viral Load (HIV)	23975
Total	1,60,709
Serology including Emergency laboratory	
Leptospirosis Ab ELISA	12337
Dengue NS1 ELISA	13246
Dengue Ab ELISA	12355
Widal	1501
ASO	424
RF	2404

Section	Workload
RPR	779
Chikungunya IgM	92
Total	43,138
Mycobacteriology	
Microscopy – LED fluorescence (pulmonary)	3831
Microscopy – LED fluorescence (extra-pulmonary)	935
GeneXpert (CBNAAT)	14486
MGIT culture and DST (as per programmatic directions)	1788
	170
Total	21,219
Mycology	
Samples processed	4084
VITEK ID-AFST	126
Cryptococcal antigen detection	74
Total	4284
Parasitology	
Stool examination (routine)	6892
Stool for opportunistic parasites	395
Malaria Antigen Test	8914

Section	Workload
Total	16,201
Molecular diagnosis / VRDL	
COVID-19 RT-PCR	9190
Influenza RT-PCR	1650
CMV q PCR for nephrology patients	85
CSF neurovirus PCR	150
Zika virus RT-PCR	64
RSV RT-PCR	485
Total	11,539
Emergency Laboratory	
Bacteriology	17700
Rapid Dengue NS1/IgM	15233
Rapid Dengue IgM antibody	15233
Rapid IgM antibody for leptospirosis	15233
Rapid malaria antigen test	14518
Rapid test for HHH (since 9 th Aug)	5935
Mycology	450
Total	84,302
Grand total	4,91,564

- Continuation of certification by Central TB Division for TB culture and drug susceptibility.
- Successfully participated and cleared EQAS by national bodies for bacteriology, mycology, parasitology, serology, virology and immunology, CBNAAT (TB), SARS-CoV-2 RT-PCR, Influenza RT-PCR and dengue RT-PCR.
- Various audits pertaining to Infection Prevention and Control Practices were conducted including Hand Hygiene, BMW management and Device associated Infections (D.A.Is).

Neonatology

Neonatal Intensive Care Unit: 42 Beds

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

- Inborn Unit: Neonates born in K.E.M. Hospital are managed in this unit.
- Inborn – Out born Unit: Neonates in K.E.M. hospital at risk of infection and neonates transferred from other municipal or private hospitals are managed here.
- Transitional Care Unit: This section renders transitional convalescent care to neonates once the acute stage of disease is managed in intensive care units. The babies who do not require close and continuous monitoring are looked after here.
- Ventilation Unit: The babies requiring advanced ventilatory care are closely monitored and managed here.
- Palliative Care Unit: Very sick babies who are nursed in any of the above sections are given supportive care, psychological counselling, and social support.
- Comprehensive Lactation Management Centre: Human milk bank is an institution established for the purpose of collecting, screening processing, storing & distributing donated human milk that is dispensed to recipients who are not the biological off springs of the donor mother.
- 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:

Total number of neonates born	4807
Total number of LBW neonates	1745
Total number of NICU admissions	1262
Total number of KMC recipients	1600

New Facilities provided:

- Early intervention and stimulation toys to all high risk babies admitted in NICU
- Bedside visual card and hanging toys for better visual stimulation
- Dedicated occupational therapy for high risk neonates in the NICU before discharge
- Pain and palliative care services to sick newborns.
- End of life care in NICU
- Prenatal counselling for mothers with babies with congenital birth defects
- Counselling services by psychologist and social worker

Various programmes conducted under the Neonatal Palliative Care project:

- Nutrition support for the mother
- Safe motherhood day celebration
- NPC training for nurse's seminar
- NPC day celebration
- World Mental Health Day celebration
- Diwali activity for NPC mothers
- Awareness programme about NPC
- NPC social help

Beneficiaries under the NPC project 2023:

Number	Particulars	Numbers of beneficiaries
1	Total neonates enrolled in 2023:	339
2	Antenatal clinic attendees	217
3	Total interactions done with parents & care givers:	2254
4	Phone follow ups	345
5	Social support beneficiaries with regards to baby products, mother nutrition.	147
6	Yoga mats provided for the mothers	30
7	Cushions to Kangaroo mother care chairs	30
8	Stimulatory toys provided for the neonates	68
9	Support extended for genetic investigations which is not available in KEM	16
10	Baby products provided	125
11	Essential kit consisting of clothes and hygiene items were provided for mother who lack support	22
12	Research studies	3 ongoing

Nephrology

- Nephrology Department provides indoor, outdoor and emergency services for patients suffering from renal diseases. Facilities available are clinical nephrology, dialysis and kidney transplantation. Laboratory services dedicated to kidney diseases are also offered.
- Expanding services of the Intervention Nephrology Division of the department of Nephrology to include Operation Theatre for AV Fistula creation
- A 'Hand Transplant' team is now functional in which we are involved in pre-transplant assessment and post-transplant medical management including immunosuppression regimen.
- ICU dialysis facility started for critically ill patients in EMS- ICU (Medical Intensive Care Unit), MICU, CVTS ICU, SICU, Pediatric ICU, AICU.
- ABPM (Ambulatory Blood Pressure Monitoring) services started for patients with hypertension.
- Availability of in-house dietician who specializes in renal diet counselling.
- Annual OPD attendance in 2023 till date – 3211 [New Pt OPD] + 11355 [follow-up patients] = 14566
- Establishing onco-nephrology services for catering to specialised needs of patients with cancer and kidney disease

- Annual inpatient admissions in ward 34 and 34A: 535
- No of dialysis sessions done in 2023 till date: 9122
- No. of kidney biopsies done in 2023: 177
- No. of tunnelled cuffed catheters inserted in 2023: 49
- No. of patients initiated on CAPD: 28
- No. of CAPD catheter inserted: 18
- Laboratory workload: More than 30000

Expansion of laboratory services-

- New state-of-the-art laboratory equipment acquired for laboratory work from donation -
- Euroimmune Analyzer – I2P - Automated ELISA reader with high throughput for various immunological tests.

Neurology

- Neurophysiology tests conducted:
 - o Routine VEEG: 1825
 - o Ictal VEEG: 296
 - o Electromyography & Nerve Conduction study (EMG/NCS): 1530
- Epilepsy Surgery
 - o Surgeries conducted in 2023
 - o ECOG Guided (ECOG): 26
 - o Non ECOG Guided (Non –ECOG): 03
- Neuropsychology -309 psychological evaluations for Epilepsy Surgery and other neurological conditions including evaluations for fitness.
- OPD Services
 - o Pre-operative & post-surgery counselling and guidance for Epilepsy patient.
 - o Neurology New – 6973 patients per year
 - o Neurology Old – 10739 patients per year
 - o Epilepsy New – 2021 patients in the year
 - o Epilepsy Old –12421 patients in the year
 - o Paediatric Epilepsy New –209 patients in the year
 - o Paediatric Epilepsy Old - 827 patients in the year
 - o Indoor Services – 705 patients

Stroke Center -

- Total 122 patient's thrombolysed till date. There is coordination with Neurosurgery for Mechanical thrombectomy for Acute Stroke.

Movement Disorder Clinic

- Dr. Pankaj Agarwal is honorary visiting Specialist in Movement Disorder.
- Weekly Botox therapy given to Selected Patients every Wednesday.

Memory Clinic –

- 50 patients were evaluated apart from regular follow up patients having cognitive disorder in association with Department of Neuropsychology and Occupational therapy.
- 2 caregiver sessions conducted for psychoeducation in association with department of Neuropsychology and occupational therapy.
- STROKE ICU: 6 bedded dedicated Stroke ICU under multi-disciplinary care of Medicine, Neurology and Neurosurgery department.
- VEEG ward 10: A new Epilepsy monitoring unit in ward 10 with 3 Long term Video-EEG machine facility. (1 new machine donated by GIC)
- VEEG ward 33: Routine EEG services with 3 VEEG machines including one portable EEG for monitoring critically ill and patients with status epilepticus admitted in ICU in ward 33.

New Equipment:

- Long term VEEG machine through CSR (by GIC)
- Android Tablets for maintaining electronic health records of epilepsy patients, donated by Ratanchand Hirachand Foundation, Mumbai

Education:

- Two students per year for DM Neurology.
- Two Fellows per year for Epilepsy Fellowship (Post-Doctoral)
- 5 students per year for B.Sc. Paramedical Technology
- Library – Dept. library holds 250 books.

Neurosurgery

- Number of OPD's run and their frequency: 6 Days OPD
- Annual OPD attendance: New OPD 4736, Old OPD 7027 Total 11763
- Annual IPD: 1368
- Surgical statistics (ONLY FOR SURGICAL DEPARTMENT)

Sr No	Type of surgery	TOTAL NO OF SURGERY DONE IN YEAR 2023
1	Supramajor	
2	Major	1412
3	Minor	-
4	Daycare	---
5	Diagnostic DSA	426
6	Procedures	145

- Number of diagnostic test done annually- 1500
- No of IPD beds available for department: 46
- Video EEG and neuropsychological assessment is available for evaluation of epilepsy patients.
- Digital subtraction angiograms and endovascular neurointerventional procedures are being performed. Carotid stenting, coiling and flow diversion of aneurysms and treatment of cranial and spinal arteriovenous malformations is being routinely done.
- Procured two Leica 3D state of art microscopes with high definition camera for neurosurgery operation theatre.
- Developed a State of Art Neurosurgical recovery room with all modern amenities including high-end ventilators and monitors.
- The department has recently procured an intra-operative CT scan and a biplanar digital angiography suite.

Nuclear Medicine

Addition of PET/CT related services

- addition of F-18 NOTA PET CT
- F-18 DOPA for diagnosis of Parkinson's disease
- Radiation synovectomy for hemophilic arthropathy
 - o PET/CT scans – 890
 - o Cardiac PET scans-120
 - o Bone scan-100
 - o Salivary scintigraphy-35
 - o HIDA scan-29
 - o Renal Scan-1340
 - o DMSA scan-780
 - o Lung perfusion scan-50
 - o Stress thallium-24
 - o Lymphoscintigraphy-46
 - o Parathyroid scan-20
 - o Thyroid scan-670
 - o MUGA -14
 - o Brain SPECT-57
 - o Iodine scan-78
 - o Iodine therapy-26
 - o GET-67
 - o GER-350
 - o Meckels Scan-9
 - o Brain PET scan-357
 - o F-18 PSMA PET CT-230
 - o F-18 DOPA PET CT-89
 - o F-18 NOTA octreotide -6

Obstetrics and Gynecology

- Total number of deliveries- 4960
- New gynecological registrations-993
- Old gynecological visits-12391
- Gynecological indoor patients- 1083

- New obstetric registrations- 5625
- Old obstetric visits- 21193
- Total obstetric indoor patients-6796
- Total obstetric surgeries-4168
- Total gynecological surgeries-491

Occupational Therapy

Specialized OPD Interventions:

Sr. No	Name	Building	OPD No.
1.	Back School Clinic	Orthopedic Center	412
2.	Musculoskeletal management for Hemophilia	Hemophilia Day care, New Building.	11th floor ,new building.
3.	Hypertension Clinic	OT block, KEM Hospital.	079
4.	Neurology- M.M.E. Fitness assessment and disability assessment. Memory clinic.	OT Block, K.E.M Hospital .	O.T.OPD-79
5	De-addiction: Intervention and Fitness certification.	Orthopedic Center	OT department in Ward 40
6.	Breast Clinic	New building	11
7.	Psychiatry: Intervention and Work Fitness	Old K.E.M Hospital Building	OT OPD 79
8.	Child Guidance Clinic –Learning Disability Certificate Evaluations.	OT dept-412, Orthopedic Center.	OT-412
9.	Kangaroo Mother Care	Behind Orthopedic Center	
10.	Sensory Integration Therapy	OT dept-412, Orthopedic Center	OT-412
11	Specialized Hand Clinic	Old K.E.M Hospital Building	Plastic surgery OPD
12	Cardio Respiratory Rehab. Fitness and Disability Assessments	CVTC Building, Room No. 4	Room No. 4, Ground floor

Workload:

Workload	Outpatient Dept	In Patient Care
Patients	12821	16430
visits	34316	78010

Ophthalmology

- New services Added with numbers.
 - o OCTA - 25
 - o Retcam POG - 569
 - o Tonometry - 7000
 - o Optical biometry - 436
 - o ROP Screening with Laser - 354
 - o Renewal of Eye Bank

Orthopedics

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

Pathology

- 24-hour Emergency Laboratory services (Table Attached - Workload)
- Continuation of additional services: D-dimer and IL 6 estimation
- Continuation of automated urine analysis

Investigation	Total
Hemogram/CBC	582860
Urine	46563
Fluids Routine	2870
CSF	2613
ABG	45134
PT	71986
FNAC	2167
Fluids & Sputum Cytology	1456
Surgical Histology (total Cases)	11245
Autopsy (total cases including histopath)	675
Immunology	30144
Biochem (lipids, enzymes CPK etc)	39340
MP	1222
D-dimer	610
IL6	305
Bone marrow biopsy	550
Special tests- Hemat	13970
Total	854407

Pediatrics

Various Clinical Services

Patient Services	2023 (1 st Jan 2023 to 30 th November 2023)
General Pediatric OPD	21407
Indoor Admissions	4209
EMS Attendance	14834
PICU Admissions	428
Under Five Clinic	2444
Pediatric Rheumatology Clinic	20
Pediatric Nephrology Clinic	58
Pediatric Chest Clinic	New - 115, Old- 191
Genetic Clinic	New - 635, Old- 209
School Clinic	1018
Thalassemia day care center admissions	1248
Pediatric Epilepsy Clinic	New - 132, Old-1181
Learning Disabilities Clinic	517 (448 certified)

Investigations done in Pediatric Research Laboratory

TEST	NO. OF TESTS PERFORMED
Serum Ceruloplasmin	217
Serum Calcium	5397
Serum Phosphorus	5384
Serum Alkaline phosphatase	5408
Serum BUN	6460
Serum Creatinine	6460
Serum Total protein	5145

TEST	NO. OF TESTS PERFORMED
Serum Albumin	5146
Serum Uric acid	4521
Serum Total bilirubin	6898
Serum Direct bilirubin	6897
Serum SGOT	5938
Serum SGPT	5938
Serum Elettrolytes (Na+, K+, Cl-)	6482
Serum Cholesterol	2532
Serum Triglycerides	2529
Serum Glucose	473
Urinary Copper (24 Hours)	216
Urine MPS (Screening test by O-toluidin test)	13
Urine Calcium (Spot)	164
Urine Calcium (24 Hours)	5
Urine Phosphorus (Spot)	9
Urine Phosphorus (24 Hours)	1
Urine Albumin (spot)	214
Urine Albumin (24 Hours)	48
Urine Creatinine (spot)	324
Urine Creatinine(24 Hours)	20
Urine Glucose(Benedict's test)	82
Urine Porphobilinogen	7
Urinary pH	27
Urinary Ketones	9
Ammonia	751
GGT	231
Serum Iron	25
Serum Amylase	8
Urine Uric acid	1

Pediatric Anesthesia

- Paediatric Surgery and MRI, CT OPD on every Tuesday and Thursday from 1.30 p.m. to 3.30 p.m.
- Continued involvement in intrathecal injection of the drug Spinraza in children with Spinal muscular atrophy as part of National project in conjunction with the Department of Paediatrics, KEM Mumbai.
- Started erector spinae block and catheters for pain relief during major thoracic surgeries.
- The department catered to 3 operation theater tables located in Paediatric OT complex. Anaesthesia services were given to about 677 surgical patients & the department catered to 1204 Anaesthesia OPD patients for pre-operative evaluation.
- Provided care and cover for sick children in the Paediatric Surgery 3ICU, along with anaesthesia services for children in remote locations such as Ophthalmology (45 cases), Gastroenterology (295 cases), MRI (244 cases), and CT scan(56 cases).
- Aid the Paediatric department in securing difficult intravenous access via central/peripheral route.
- Use of real time ultrasound has been extended beyond regional and vascular access to include airway assessment, 2D Echo as well as abdominal and lung assessment.
- Increased use of target controlled infusion for delivery of total intravenous anaesthesia
- New Services: Paediatric Anaesthesia services have started in MRI

Pediatric Surgery

- Total OPD - 4850
- Total admissions – 779
- Total no of Surgeries – 954

- Major surgeries – 556
- Minimal access surgeries – 194
- Minor surgeries – 206

Pharmacology and Therapeutics

- The Ayurveda Research Centre of the Department of Pharmacology and Therapeutics runs an OPD on Friday afternoon. Last year 1048 patients were registered in OPD.
- There were indoor admissions to the Ayurvedic ward, where a thorough evaluation, Panchakarma treatments, and other therapeutic procedures were carried out. In 2023, 684 admissions were made inside.
- Monitoring for Quality of Ayurvedic Formulations: A total of 13 Ayurvedic formulations were analyzed for synthetic steroids and out of these only 6 samples were found to contain synthetic steroids. In addition, 4 formulations were received for detection of heavy metals out of which 1 sample was positive for heavy metals.

Physiology

- Organized Platelet Donation Drive “Save a life –initiative “for platelet Donor Registry in collaboration with Tata Memorial Centre Department of Physiology

Physiotherapy

OPD : 42246 beneficiaries	Indoor patients treated:111518
Musculoskeletal: 26684	KEMH ICU:11817
Hand OPD:2875	KEMH wards:29976
Neuroscience adult:3971	CVTC wards:5615
Neuroscience Paediatric:2644	CVTC ICUS:6297
Fitness & Health Promotion:1941	OC:57253
Cardiopulmonary Rehabilitation:3894	ANC PNC:560
Incontinence OPD:59	
Geriatric OPD:178	

- Health promotion and Fitness centre at Orthopaedic centre ground floor has been set up
- Department runs rehabilitation services for conversion disorders, Lymphoedema and Vascular Rehabilitation
- Neurorehabilitation (adult and Paediatric) Parkinson's
- Musculoskeletal Physiotherapy Services with special hand OPD
- Physiotherapy for weight loss
- Early inpatient Rehabilitation of Gullian Barre syndrome patients admitted to ICU
- Respiratory Physiotherapy for Patients on mechanical ventilator and assisting in early weaning from the ventilator
- Rehabilitation of post-operative cancer patients (Mastectomy)
- Early mobilization for Patients in the Adult and Paediatric Medical and surgical ICU
- Pathological Amputation patients

Plastic Surgery

- Besides Routine Plastic Surgery, the dept. specializes in cleft lip and palate, complex vascular malformations of head, face & limbs, T. M. joint ankylosis, lymphedema, skin tumors, management of absent vagina and intersex related problems, micro vascular surgery, aesthetic (cosmetic) surgeries etc.
- Joint Clinics: Hand, Maxillofacial Surgery.

WORKLOAD

Year	2023
Indoor patients - Plastic surgery	814
Indoor patients – Burns	72
O.P.D. Patients	7687
Casualty Reference	979
Routine operations	2022
Emergency operations	3618

SPECIAL SERVICES FOR PATIENTS:

- Comprehensive hand clinic, Thursday 2.30 pm
- Maxillofacial - Mondays, Ward 16, 2.30pm

SPECIAL FACILITIES FOR PATIENTS:

- Occupational Therapy services exclusively for our dept.
- New services Started: Laser clinic – for vascular malformations as well as post burn scarring – 2023

Psychiatry**FACILITIES PROVIDED ARE:**

- GENERAL
 - o In the year 2023, the number of new patients seen in OPD were – 6542
 - o On follow-up the number of patients examined were approximately – 38462
 - o Total no. of Indoor patients admission in Psychiatry were - 726
 - o EEGs: Total no. of patients - 396
 - o ECTs: Total no. of patients – 1578
 - o Psychological testing Total no. of patients – 1776
 - o Deaddiction Centre
 - o OPD New cases – 609
 - o Follow up cases – 8788
 - o Indoor Admissions – 199
 - o Drug Deaddiction Laboratory Work Report (Jan 2023 To Dec 2023)
Total Urine Samples assessed for alcohol, morphine, cannabis, benzodiazepines, MDMA, cocaine, amphetamine and other miscellaneous samples (Pudi, Tablet, Misri) – 12160/-
- SPECIALIST SERVICES
 - o Group Therapy Services
The Department provides group therapy services for patients/caregivers. The disorders and the number of patients counseled this year are as follows:-
 - o Sexual dysfunctions group: - 63
 - o Dementia group/Memory Clinic – 75
 - o Caregivers of Patients with Schizophrenia group – 384
 - o Deaddiction Ward Groups
 - o Patient Psycho-education Group: 586 patients
 - o Caregiver Group: 597 relatives
 - o Specialized Clinics
 - o Specialized clinics are also run for special groups of patients .The number of patients seen are:-
 - o Child Guidance Clinic (CGC) for children with psychiatric disorders
 - o New cases: 533
 - o Follow up: 1484
 - o No. of New patients for counseling by PSWs: 1054

Pulmonary Medicine and EPRC

Quality & Quantum:

OPD Patients Details

KEM Hospital

New Patients	Old Patients
6079	15756

GTB Hospital

DSTB Patients	DRTB Patients
1403	228

- Indoor Admissions : 882
- Referral Consultation :- 10800
- Speciality Clinics

- o Airway Clinic :- 838
- o Sleep Disordered breathing:- 34
- o Pulmonary Rehabilitation :- 896
- o IP Clinic (Interventional Pulmonology):- 884

ABG

Date 1 December 2022 to 30 November 2023

Month	ABG	Electrolytes	COOX	Metabolites
Total Number of Arterial Blood Gas Analysis	68,028	10,467	10,467	10,467
	Total	99,429		

PFT

Date 1 December 2022 to 30 November 2023

PFT's	2506
Rv/ILC	644
DLCO	534
FOT	09
Total	3693

Indoor & Outpatient Care Services for Long Covid. (Monitoring with Pulmonary Functions.

Radiology

Modality	Number of scans performed	
CT	21215	
MRI	6752	
USG	OBST	9015
	Non OBST	72683
Barium	326	
IVP	440	
Mammography	0	
Interventional Radiology Procedures	VIR – 1570 INR – 625	
XRAY(including General X-rays, OC bldg., CVTC, EMS X-ray, portable)	301806	

Surgical Gastroenterology

Number of patients catered:

- New OPD patients-1699
- Old OPD patients-2387
- Indoor admissions-932
- Number of operated patients
- Major-583
- Minor-247

NEW SERVICES ADDED:

- Special Liver Transplant OPD started on every Monday afternoon.
- Bariatric OPD on Wednesday afternoon along with Endocrine Medicine.

Transfusion Medicine

- Service: Blood grouping & crossmatching of 2 lakh Blood units per year, Transfusion Medicine provides Single Donor Platelets (prepared by plateletpheresis) to patients.
- Total units 9253 of Random Donor Platelets (RDP) and 112 units of Single Donor Platelets (SDP) were issued to the patients.

- A total of 17082 units of Fresh Frozen Plasma (FFP) and 1281 units of cryoprecipitate were prepared. 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 approximately over 36,000 blood units collected annually.

Urology

- Over 14500 patients were treated on the all urology OPD's during the year
- Over 867 operations were performed including kidney transplantations.
- 31 Beds in Urology Ward
- There are 4 Operation Rooms and operations are performed 5 days a week
- Three outpatient department sessions (OPD) every week
 - o Stone Clinic - Wed.1.30To5.30 pm - avge 210 patients / OPD day
 - o General Urology - Saturday8.30 To1.30 pm - avge 220-250 patients / OPD day
 - o Andrology - Saturday8.30 To1.30 pm - 25-30 patients / OPD day

Investigative facilities offered by the department :

- Ultrasonography : Urology department has its own ultrasound machine, where scans of urological patients are done. This machine is also used to perform emergency procedure like PCN insertion,SPC insertion.
- Uroflowmetry : This laboratory, located in the department helps in evaluating people with obstruction to urine flow.
- Doppler ultrasound: This investigation helps in evaluating patients with infertility and following transplantation.
- Radiological investigations like Retrograde Ureterogram and Retrograde Pyelogram.
- Uro-endoscopy
- Phalldynamic Studies (Impotence Studies).
- TRUS: Trans Rectal USG with prostatic Biopsy for diagnosis of Ca prostate.
- Urodynamic study: Pressure flow studies.

Treatment modalities offered :

- Stone disease
 - o Endoscopic
 - o Suprapubic & transurethral Cystolithotripsy
 - o URS
 - o PCNL
 - o Open surgeries
 - o Extra Corporeal Shockwave Lithotripsy (ESWL)
 - o RIRS – Laser surgery,
 - o 3D laparoscope System
- Uro-oncology - Advanced uro-oncologic surgeries like radical retropubic prostatectomies, radical cystectomy with orthotopicneobladder etc.
- Female Urology - Surgeries for SUI, genitourinary fistulas, reconstruction surgery for urinary incontinence
- Paediatric Urology
 - o Hypospadias surgeries.
 - o Bladder neck reconstruction for incontinence.
 - o PCNL / URS / RIRS
- Transplant urology – Laproscopic donor nephrectomy.
- Andrology and Infertility -
 - o For infertility
 - o VEA, VVA, TUIED (Transurethral incision of ejaculatory ducts)
 - o For impotence Penile prosthesis
 - o Venous ligation
- Laparoscopic surgery procedures like Lap.VVF repair and Lap. Pyeloplasty.
- Laser prostatectomy.
- Stricture surgery for complicated cases
 - o Redo surgery- rectourethral fistula
- UDS
- USG Machine for TRUS Biopsy and USG KUB, with USG guided PCN, biopsy, cyst aspiration

- Microscopic procedures like micro varicocelelectomy, AV Fistula for dialysis
- ESWL – new Dornier delta 3 machine has been installed

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.
2023 (till Dec.2023)	4256	5866	3013	3867	133	67	17202	1408	2100	75

Diagnostic Workload:

	2023 (till Dec.2023)
Open work 60 to 70% in operative work	
Transplant – (LRDT + Cadaver)	35
Endourology	
VIU	57
TURP	117
URS	138
PCN	135
PCNL	224
PCCL	61
U plasty	51
TURBT	53
Laparoscopy	132

Operative Workload

Year	USG	Cystoscopy & Related Procedures	Uroflowmetry	Trust Guided Biopsy	UDS
2023 (till Dec.2023)	230	610	2980	110	256

Publications

Publications

Anatomy

- Telang A, Iyer P. Genetics and Confidentiality of Human Genetic Data in the Context of Protection of Future Generations in Annual Bulletin GSMC MUHS International Chair Bioethics Unit (INARCH 2023) Pp 9-11
- Margam S. The Study of Metopism in Human Adult Skulls in Western Maharashtra Region. Global Journal of Research Analysis. August 2023; 12(08): 5-7.
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- The Distance of the Popliteal Artery from Adductor Tubercle and Head of Fibula: A Cadaveric Study in Western Maharashtra Dr Telang A, Dr Natarajan M, Dr Bhuiyan P
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- 5th annual conference of Regional Chapter of Anatomists (Maharashtra) MAHACON2023 to be held at Symbiosis Medical College for Women, Pune on 17th & 18th March 2023.
- Perceptions of teaching faculty on Blueprinting in Anatomy- Dr Patil R A, Dr Iyer P.
- Self-Directed Learning: Perception and Challenges in Implementation by Faculty in Anatomy- Dr Dakare S, Dr Patil R, Dr Iyer P.

Anesthesia

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- Conservative Management Vs Operative Management for Acetabular Fracture: A Comparative Analysis Dr. Rajendra Phunde¹, Dr. Atul Panghate², Dr. Vasav Somani³, Dr. Rudra Prabhu¹ ¹ Assistant Professor, M.S. Orthopaedics, Department of Orthopaedics, Seth G.S. Medical College and K.E.M. Hospital, Parel, Mumbai, India ² Additional Professor & Head of Unit, M.S. Orthopaedics, Department of Orthopaedics, Seth G.S. Medical College and K.E.M. Hospital, Parel, Mumbai, India ³ Senior Resident, M.S. Orthopaedics, Department of Orthopaedics, Seth G.S. Medical College and K.E.M. Hospital, Parel, Mumbai, India.
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Radiology

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- A Case paper Of Coil Embolization Of Pelvic Pseudoaneurysm in *European Journal Of Molecular and Clinical Medicine*.
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Surgical Gastroenterology

Book Chapters

- Dr Chetan Kantharia contributed to a Chapter on Non Functioning of Graft in the text book of Liver Transplantation
- Dr Ramkrishna Prabhu contributed to a Chapter on Gall Bladder and Bile duct in the text book of Surgery-Love and Bailey.
- Dr Ramkrishna Prabhu contributed a Chapter on Evaluation and Management of Large Bowel Obstruction in the text book of Colo-Rectal Surgery
- Dr Sharvari contributed a Chapter on Management of Lower GI Bleed in the text book of Colo-Rectal Surgery

Journals

- Integrative Proteomic and Pharmacological Analysis of Colon Cancer Reveals the Classical Lipogenic Pathway with Prognostic and Therapeutic Opportunities. February 2023. *Journal Of Proteome Research*
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- Kamlesh Hawaldar Singh, Ankit Shailesh Vya, Tarun Rochlani, Sujata Kiran Patwardhan Side to side vesicoureteric anastomosis with PSOAS HITCH in post transplant ureteric stricture— Case report Saudi Journal of Kidney Diseases and Transplantation
- Case report - Prolene is thy culprit; boycott him – post renal transplant lower ureteric calculus with prolene acting as a nidus – a rare case report. IJCMPr ISSN: 2395-6429, Impact Factor: 4.656 Volume 7; Issue 06(A); June 2021; Page No.5814-5816 DOI: <http://dx.doi.org/10.24327/23956429.ijcmpr20211019>
- Aadhar Jain, Sujata Patwardhan Blindness paving the path to the diagnosis of metastatic prostate carcinoma: A unique case presentation-journal of clinical urology. <https://doi.org/10.1177/20514158211053701>
- Rishikesh velhal,Aadhar Jain,Anveshi nayan,Sujata patwardhan,Bhushan patil Impact of surgical intervention on progression to end-stage renal disease in patients with posterior urethral valve Journal African journal of urology DOI 10.1186/s12301-021-00261-8
- Aadhar Jain, Nikhilesh jibhakate and Sujata Patwardhan Renal dysplasia with giant renal calculus: management nightmare. International Journal of Current Medical and Pharmaceutical research DOI: <http://dx.doi.org/10.24327/23956429.ijcmpr20211051>
- Impact of COVID-19 pandemic on non-COVID patient's management in urology: a public hospital experience in Mumbai Nikhilesh A. Jibhakate1*, Sujata K. Patwardhan1 , Ajit S. Sawant2 , Hemant R. Pathak3 , Bhushan P. Patil1 and Hitesh Kamal1. <https://doi.org/10.1186/s12301-021-00196-0>
- Surgical videos of penile implant, laparoscopic pyeloureterostomy for retrocaval ureter, laparoscopic adrenalectomy , transvaginal vesicovaginal fistula repair and 4 teaching videos on How to read MCU and RGU have been uploaded in KEM Urology YouTube Channel

Research

Research

Anatomy

- Online Programmatic Assessment to Supplement Traditional Formative Assessment in Anatomy for Phase I MBBS Students
- Identifying Entrustable Professional Activities for MD program in Anatomy
- Faculty perceptions on Integrated assessment
- A Morphometric study of atlas
- A morphological study of patella
- A new method of preparing dry bones from embalmed cadavers
- A morphological study of quadriceps femoris
- A morphological study of tibia
- A morphologic and morphometric study of inguinal rings
- A morphological and morphometrical study of menisci
- A morphological study of lung fissures

Anesthesia

- Effect of preloading on haemodynamic changes using IVCCI and perfusion index in patients undergoing laparoscopic surgery under GA - A prospective observational study.
- Prospective questionnaire - based observational study to assess the incidence of intraoperative awareness in patients undergoing spine surgery under general anesthesia.
- Evaluation of perfusion index as an objective tool for assessing analgesia under general anaesthesia in laparoscopic surgeries.
- Low Dose intravenous ketamine in the management of postoperative pain following Laparoscopic cholecystectomy: A prospective randomised control study.
- Retrospective audit of anaesthesia management for cochlear implant.
- Questionnaire based study of pg trainees on their knowledge attitude and practice of preoperative fasting in case of elective surgery at the tertiary care hospital.
- Comparison of Cerebral oxygen saturation monitoring in pre eclamptic pregnant women and normotensive women undergoing cesarean section under spinal anaesthesia: a prospective ,observational study.
- Comparison of unilateral spinal anaesthesia with sciaticofemoral block for surgical management of diabetic foot-A prospective observational study.
- Tracheal intubation in patients with atlanto axial dislocation.
- Comparison of three approaches of ultrasound guided internal jugular vein cannulation : A prospective randomised study.
- Study of effect of high fresh gas flow and pattern of breathing on rapid preoxygenation.
- A Prospective, Randomised, Double blind study comparing postoperative analgesia using 0.25% Bupivacaine vs 0.375% Bupivacaine along with 8mg Dexamethasone in USG guided Erector Spinae Plane Block in thoracolumbar spine surgeries.
- Use of heaven criteria for predicting difficulty airway in patients posted for emergency surgery.
- Comparison of recovery profile in patients undergoing aneurysm coiling using sevoflurane vs desflurane with the help of bis and mac.
- Ijv collapsibility and ivc collapsibility comparison in orthopaedic lower limb surgeries under spinal anaesthesia.
- Cmac c vs macintosh in neutral position.
- Comparison of volume controlled ventilation and pressure controlled volume guaranteed ventilation in patients undergoing Laparoscopic surgery: A prospective Randomised comparative clinical study.
- A prospective observational study to evaluate changes in optic nerve sheath diameter in pregnant patients with pre eclampsia.
- Preoperative assessment of gastric volume in adult patients posted for emergency lower limb surgery.
- Prospective Observational Study of the Time Taken by Pre and Post MD Residents for Pre-Procedural Ultrasound Scanning of Lumbar Spine.

- Randomised controlled trials for assessing intubating conditions in supine position and 25° head up position in tertiary care hospital.
- Changes in tongue size in sitting position under GA.
- Incidence and Risk factors of post operative shivering after general anesthesia : Prospective observational Anesthesia.
- Effect of music on patients undergoing laparoscopic abdominal surgery under general anaesthesia.
- Anaesthesia in patients undergoing percutaneous nephrolithotomy in a tertiary care hospital: A prospective observational study.
- IJV collapsibility as a predictor of hypotension after spinal anaesthesia - A prospective observational study.
- A prospective study to compare the duration in laryngoscopy and intubation between McCoy laryngoscope and CMAC D blade in neutral position with manual in line stabilization in tertiary care hospital .
- Awareness about scope of Ax among postgraduate
- Comparison of subarachnoid space depth using USG and Stocker's formula.
- Pulse Co-oximetry perfusion index as an objective tool for post-operative pain assessment and its correlation to visual analogue pain score :A prospective, observational study.
- A prospective observational study for assessing the depth of subarachnoid space by ultrasound guide in median and parasagittal oblique view versus actual depth of needle insertion for spinal anaesthesia.
- Questionnaire based assessment about CPR and Indian resuscitation guidelines for CPR among junior resident doctors of tertiary care centre.
- Prospective observational study for estimating the optimal depth of insertion of Endotracheal tube in orotracheal intubation using ultrasound and clinical parameters (5-point auscultation) in Indian population at tertiary care hospital.
- Prospective audit of significant unplanned events in gastrointestinal endoscopy procedures under anesthesia in tertiary care hospital.
- Comparative study of the efficacy and safety of hyperbaric solutions of bupivacaine vs ropivacaine vs levobupivacaine in elective inguinal hernia surgery under subarachnoid block.
- Comparison of endotracheal cuff pressures inflated using two techniques Minimal occlusive volume (MOV) and Pressure Volume Loop closure (PVL-C) used as a guide to provide adequate seal of airway.
- A survey of Indian anaesthesiologist knowledge and attitudes regarding obstructive sleep apnea.
- Effects of varying time intervals between fentanyl and propofol administration and its effect on the induction dose of propofol : A prospective randomised controlled trial.
- Assessment of difficult airway in upper torso, face and arm burns patients in a tertiary care institute- A prospective Audit.
- Knowledge, attitude and practice of midazolam as an adjuvant anaesthetic among practising anesthesiologist.
- Prospective Randomised Double Blind Study Comparing the Duration of Post-operative Analgesia with Inj. Bupivacaine 0.25% vs. Inj Bupivacaine 0.25% with Inj. Dexamethasone in Scalp Blocks in Patients Undergoing Elective Craniotomy.
- Prospective study to compare incidence of bleeding during nasotracheal intubation in adults by polyvinyl chloride (pvc) nasotracheal tube and pvc nasotracheal tube telescoped into foley's catheter.
- Confirmation of placement of endotracheal tube-A comparative observational study by using 2 ultrasound methods.
- A prospective study to correlate cormack lehane grading on direct laryngoscopic view with mallampatti grading assessment in sitting position versus supine position.
- Evaluation of Effect of Hip/Shoulder Width Ratio on the Sensory Level of Spinal Anaesthesia in lateral position in patients undergoing infraumbilical surgeries – A Prospective Observational Study.
- Correlation of STOP BANG Score with Difficult airway in Patients undergoing elective surgery under general Anaesthesia-A Prospective Interventional Study.
- Comparative study of IJV cannulation using adult linear probe versus paediatric linear probe in adult patients.
- Correlation of Neuromuscular blockade using acceleromyography during reversal and extubation with clinical parameters in reconstructive surgeries under general anaesthesia with Neuromuscular blocking agents.
- Blood Transfusion Practices among Anaesthesiologists across Mumbai.
- Effect of the spinal anaesthesia versus general anaesthesia on blood glucose concentration level in patients undergoing emergency cesarian section.
- To evaluate the use of ultrasound guided subclavian vein diameter changes in supine and passive leg raising position to predict hypotension after induction of general anaesthesia: a prospective observational study.
- Comparison Of Effectiveness Of spinal Hyperbaric Bupivacaine (0.5%) vs Hyperbaric Levo Bupivacaine (0.5%) in TKR Surgeries Under Sub Arachnoid Block: A Prospective Double Blind Randomized Controlled Trial.
- Observation study of combined spinal epidural in elderly patients for femur fracture surgeries.

- Comparative study of adult versus pediatric linear probe for radial artery cannulation in adult patients.
- Preoperative ultrasound assessment of gastric contents in fasting patients posted for elective Laparoscopic cholecystectomy.
- Evaluation of neck circumference and thyromental distance ratio in evaluation of difficult intubation.
- A comparative study of endotracheal tube cuff pressure changes in supine vs prone position in neurosurgical patients using air and oxygen as an anaesthetic gas mixture.
- Prospective questionnaire based study to assess the perception and practice towards the use of ultrasonography in anaesthesia practice.
- A comparison of gastric volume measured by ultrasound after high flow nasal therapy or conversational face mask ventilation used for preoxygenation.
- Knowledge Attitude and Practice of opioid free anaesthesia among practising anaesthesiologists.
- A prospective study for prediction of difficult subarachnoid block by using difficulty score in spinal anaesthesia for patients requiring spinal anaesthesia.
- A prospective observational study comparing syringe pump versus target controlled infusion pump for propofol infusion.
- To compare the perfusion index in supine and prone position pre- & post- Induction.
- Comparison of directable stylet with stylet angulated 75 degree for routine orotracheal intubation with c-mac videolaryngoscope.
- Prospective audit of postoperative obstetrics admission in Anaesthesia intensive care unit.
- Prospective observational study to predict and compare difficulty in laryngoscopy using airway ultrasound parameters vs clinical parameters.
- Prospective Observational study of hemodynamic changes in patient undergoing neurosurgery in sitting position at table angulations of 30 degrees, 45 degrees and after final positioning measured using mobile app.
- Prospective questionnaire based observational study on extubation practices.
- Study Of Various Anaesthetic Techniques In Neuro-Radiological Procedures-An Audit.
- Internal Jugular Vein Collapsibility Index In supine and Trendelenberg position as predictor of Hypotension following the Induction of General Anaesthesia: A Prospective observational study.
- Randomised controlled comparative study of intubation success rate between channeled vs non channeled blade of Hugmed videolaryngoscope for orotracheal intubation.
- Evaluating success rate between stylet and 60° angled bougie with the C-MAC D blade in cervical spine patients.
- A prospective observational study on the perioperative blood pressure trends and its anaesthesia management.
- Correlation of Central Venous Pressure with ratio of Internal Jugular Vein and Common Carotid Artery diameter by Ultrasonography.
- Efficacy of different types of preoperative counselling on perioperative anxiety in patients undergoing spinal anaesthesia.
- Comparative study of sonographic measurement of pre-epiglottic distance/epiglottic-vocal cord distance ratio (pre-e/e-vc) versus hyomental distance (neutral/extension)ratio (hmdr) to correlate cormack-lehane (cl) grading for airway assessment.
- A prospective study evaluating success rate of standard vs rotational method of igel insertion.
- Comparison of transcutaneous laryngeal ultrasound with video laryngoscopy for assesment of vocal cords in thyroid surgery patients.
- Effect of Yoga, Pranayam and Well Being Sessions on Pain Tolerance and Pain Threshold Levels in Normal Healthy Participants Using Cold Pressor Technique'

Biochemistry

- Metabolomic signature of amino acids and its correlation with indices of obesity and glucose regulation in indian obese and non-obese adult population
- Prevalance and determinants of hyponatremia in tertiary care center of mumbai
- Biochemical profile in subclinical hyper and hypothyroidism
- Role of vitamin d and ace2 in endothelial dysfunction among covid 19 patients from Mumbai, Maharashtra" in collaboration with NIIH-ICMR.

Cardiology

- PORTICO
- VICTORION-2
- EMPACT-MI

- RIVACA
- ZEUS
- TUXEDO 2- INDIA

Cardiovascular and Thoracic Anesthesia

- Safety and feasibility of second generation Laryngeal Mask Airways with gastric port for Trans- esophageal Echocardiography guided trans- catheter device closure procedures: a prospective observational study.
- Can cerebral oximetry be a surrogate monitor of Cardiac Output during Off- pump Coronary Artery Bypass Grafting Surgery?
- Sugammadex versus Neostigmine: A comparative study of Efficacy and safety in the Cath Lab.
- Study to assess the applicability of EuroSCORE II and STS score in Indian cardiac patients undergoing valve surgeries.
- Enhanced recovery after cardiac surgery- Use of Sugammadex vs Neostigmine.
- To Study the effect of Dexmedetomidine as a perioperative adjunct in cardiac surgical patients of valvular heart disease replacement
- To evaluate relationship between preoperative patient factors and usage of Allogenic Blood and Blood products in Adult patients undergoing cardiac surgery- A prospective observational study.
- Prospective observational study of effects of cardiopulmonary bypass in cardiac surgery on Thyroid Function tests in Euthyroid patients and in patients on thyroid medication

Clinical Hematology

Along with NIH-ICMR

- “Evaluation of efficacy and safety of low dose versus standard dose Emicizumab for the treatment of Hemophilia A – A randomized controlled trial”
- Defining immunological markers for response to immunosuppressive therapy in a patient of aplastic anemia

Sponsored trial

- Frontier 2, 3 and 4 trials
- Phase IV luspatercept trial

Clinical Pharmacology

- Status of registration, re-registration, and accreditation of Ethics Committees [ECs] with Central Drugs Standard Control Organisation (CDSCO), Department of Health Research (DHR) and National Accreditation Board for Hospitals and Healthcare Providers (NABH) – An evaluation of the extent of ethics oversight in the country.
- The economic burden of Duchenne Muscular Dystrophy at a public health tertiary care hospital in Mumbai
- Pharmacoeconomic analysis on post-exposure prophylaxis for Rabies vaccination in human at a public tertiary care hospital in Mumbai-an interview-based study
- To explore the experiences, roles, responsibilities, perceptions, challenges, and expectations of stakeholders on post-trial access [PTA] arrangements during epidemics/pandemics.
- Developing national and global agendas for the ethics of post-trial arrangements [PTA] in low- and middle-income countries [LMICs] during pandemics/epidemics: Post-Trial Provisions in clinical studies on pandemics: a scoping review
- A case control study comparing the efficacy of fibrin sealant versus traditional methods to achieve hemostasis after dental surgical procedures in patients with hemophilia at a tertiary referral centre
- A retrospective audit to study the safety and efficacy of generic dasatinib in Chronic Myeloid Leukemia patients
- Full validation of method to determine hydroxyurea levels in human plasma by high performance liquid chromatography (HPLC)
- Comparison of pre-pandemic, lockdown and post-lockdown [COVID-19] participant adherence in a phase IV clinical trial for the treatment of post-exposure rabies prophylaxis
- A randomized, open label, parallel, proof of concept study to evaluate efficacy and safety of topical Phenytoin cream in adult patients with Diabetic ulcers
- Population pharmacokinetics of amikacin in adult and pediatric patients
- Knowledge, Attitude and Practices (KAP) of doctors prescribing Vancomycin in a tertiary care hospital towards Therapeutic Drug Monitoring (TDM) of Vancomycin

- Immunogenicity, molecular profiling, and safety of a marketed quadrivalent influenza vaccine (FluQuadri™) administered by the intramuscular route in children 3-8 years
- Immunogenicity, molecular profiling, and safety of a marketed quadrivalent influenza vaccine (FluQuadri™) administered by the intramuscular route in infants aged 6-12 months.
- Optimising Informed cONsent in clinical trials in low- and middle-income settings: feasibility of an adapted QuinteT Recruitment Intervention (QRI) in India (OrION-I)
- Evaluation of efficacy and safety of low dose versus standard dose Emicizumab for the treatment of Hemophilia A – A Randomized Controlled Trial [
- A non-inferiority randomized trial to assess the efficacy of 10mg hydroxyurea/kg/day versus 20mg hydroxyurea/kg/day in treatment of sickle cell disease patients of tribal and non - tribal areas in India
- Thalidomide and Hydroxyurea as add-on therapy in patients diagnosed with transfusion dependent and non-transfusion dependent Thalassemia – a multicenter randomized placebo-controlled trial
- A Phase III, multicenter, randomized, double-blind, placebo-controlled, interventional study on efficacy and safety of Standardized Picrorhiza kurroa Royal Ex Benth Extract (Picroliv®) for 24 weeks in the Management of Non-Alcoholic Fatty Liver (NAFL) and / or Hepatic Steatosis (Picroliv study)
- A Phase IV Randomized, Controlled Study of the Safety and Immunogenicity of Rabishield + Rabivax-S Post-exposure Prophylaxis regimen in patients with potential Rabies Exposure
- A prospective randomized, double blind, placebo-controlled study of ZYBK2 to evaluate the safety, tolerability, pharmacokinetics, and pharmacodynamics in patients with Rheumatoid arthritis
- A multinational, open-label, randomised, controlled study to investigate efficacy and safety of NNC0365-3769 (Mim8) in adults and adolescents with haemophilia A with or without inhibitors.
- Safety, efficacy, and exposure of subcutaneously administered NNC0365-3769 (Mim8) prophylaxis in children with haemophilia A with or without FVIII inhibitors
- A Phase 4 Study to Evaluate Safety and Effectiveness of Luspatercept (ACE-536) for The Treatment of Anemia due to IPSS-R Very Low, Low, or Intermediate Risk Myelodysplastic SyndromeS (MDS) with Ring Sideroblasts Who Require Red Blood Cell Transfusions in Subjects Who Have Had Unsatisfactory Response to or Are Ineligible to Erythropoietin Based Therapy and in Subjects with Transfusion Dependent Anemia Due to Beta-Thalassemia
- A Multi-Center, Prospective, Open-Label, Assessor-Blinded, Randomised, Controlled, Non-Inferiority, Pivotal Clinical Investigation to evaluate the Performance and Safety of 3-D Scaffold Matrix – A Class C Medical Device Bone Void Filler as a Bone Graft Substitute in Orthopaedic Surgery.
- A Phase III, Prospective Multicentric, Clinical Study in the Management of Pregnancy Induced Cholestasis to Evaluate the Efficacy and Safety of Ursodeoxycholic Acid (Udiliv) Tablets [PICTURE Study].
- IBD Flu Vaccine Study- Evaluation of efficacy and safety of Quadrivalent Influenza Vaccine (FluQuadri™) in patient with Inflammatory Bowel Disease (IBD)-a case control proof of concept study
- Flu DCE Study- Prediction of factors influencing Indian adults' likelihood of accepting any Influenza vaccination and their willingness to pay – a discrete choice experiment study.
- Influenza Vaccine Hesitancy Study- The burden and predictors of Influenza vaccine hesitancy in adults-a cross-sectional study from the state of Maharashtra, India. -
- Study of comparative effectiveness of metformin, myoinositol, lifestyle changes, herbal medicines in improving endocrine and clinical variables in management PCOS patients, a systematic review, and a network meta-analysis.
- Perspective of gynaecologist on management of PCOS – A discrete choice experiment
- Phase III, randomized, double blind, multi centre, active control clinical trial to assess the safety and efficacy of Cap. PCOSNIL in management of PCOS patients

Community Medicine

- “Action research project for development of Primary Health Care Model for Palliative care, Elderly care, and Mental Health – A Pilot Study.” PI – Dr. Shrikala Acharya, Funded by DHR, GOI

Dentistry

- Oral hygiene assessment in Hemophilia patients with/without prophylaxis
- A randomized, double-blind, multicentre, placebo controlled, parallel study to evaluate the efficacy and safety of tranexemic acid mouthwash of Morningside Healthcare Ltd, U.K, to reduce bleeding in subjects undergoing tooth extraction who are on drugs affecting hemostasis.

- A case control study evaluating the hemostatic efficacy of fibrin sealant versus conventional approaches following dental surgical interventions in hemophilia patients at a tertiary referral center.

Dermatology

- A cross-sectional observational study to correlate the trichoscopic findings of Female Pattern Hair Loss with disease severity and underlying histopathological changes.
- A clinico-epidemiological study of Reaction patterns in Leprosy in a tertiary care hospital.
- A clinico-epidemiological study of dermatoses in adolescents and its impact on their quality of life.
- A clinico-dermoscopic evaluation of facial melasma with screening of subclinical spread in a tertiary care hospital.
- A clinico-epidemiological study of nail disorders in paediatric population.
- A clinico-epidemiological study of vascular tumors.
- A clinic-epidemiological study of Scaly scalp.
- A Phase 3 multicentre double-blind study to evaluate the long-term safety and efficacy of Baricitinib in adult patients of atopic dermatitis.
- Clinico-epidemiological-quality of life study of AGA in males- A Single Centre cross-sectional, observational study
- Clinico-Epidemiological Study of Cutaneous Manifestation in Patients with Tuberculosis
- Clinico-histopatho-dermoscopic study of Linear dermatoses -A single centre cross-sectional study
- A clinic-epidemiological study of postmenopausal dermatoses at a tertiary hospital (An Observational cross-sectional study)
- A clinico epidemiological study of Erythroderma at a tertiary hospital (An Observational cross-sectional study)
- Clinicoepidemiological and dermoscopic study in patients of periorbital dermatoses (A single centre cross-sectional, observational study)
- A retrospective study of efficacy of Intense Pulse light in its vascular mode in topical steroid damaged facies
- A Retrospective Observational Study of Clinico-histopathological spectrum of
- oral mucosal lesions
- A Retrospective observational study of histological features of cutaneous vasculitis

Endocrinology

- Iso-sexual precocious puberty: single-center experience.
- Pediatric Ectopic ACTH Syndrome Case series and review of literature
- Pediatric Cushing's disease- Single center experience from western India
- Case series of aromatase deficiency - a single centre experience
- Effectiveness of various diagnostic tests in Cushing Syndrome: A retrospective analysis.
- Dysglycaemia in patients with previously diagnosed Gestational diabetes mellitus by IADPSG criteria Analysis of Data
- Ambulatory blood pressure monitoring in pheochromocytoma –paraganglioma: A retrospective study
- Range of salivary cortisol (morning and late-night), and Overnight dexamethasone suppressed serum and salivary cortisol in chronic renal failure patients.
- Functioning Gonadotroph Adenomas: Case Series and a Review of Literature
- Genotype-phenotype correlation in hypophosphatemic rickets: single center experience from western India
- Next-generation sequencing in Pheochromocytoma – Paraganglioma: single centre experience from Western India.
- A prospective observational cohort study to identify the utility of risk-based screening strategy for long term complications in adolescent and adult cancer survivors of leukaemia and lymphoma
- Evaluation and management of patients with Pituitary apoplexy: A retrospective study
- Pancreatic Neuroendocrine Tumors: Experience from a single tertiary center in India
- Adrenocortical carcinoma in children and adolescents: Retrospective analysis
- The Retrospective analysis of Giant prolactinoma: A single centre experience.
- Primary Hyperparathyroidism in the Young- A Single Centre Experience".
- Study of effectiveness (and its predictors) of hMG Pre-treatment followed by combined gonadotropin therapy) (hMG+HCG) in male IHH (Idiopathic hypogonadotrophypogonadism) patients.
- Side Chain Cleavage enzyme deficiency: A single centre experience and systematic review
- Clinical validation of AllT-Check, a point of care device for the detection of T3, T4 and TSH in the blood
- TSH secreting pituitary adenoma- Experience from a tertiary care centre

- Tumour Induced Osteomalacia
- Functional gonadotroph pituitary adenoma- Experience from a tertiary care center
- I8F-MC-GPGN(a)The Effect of Tirzepatide versus Dulaglutide on Major Adverse Cardiovascular Events in Patients with Type 2Diabetes(SURPASS-CVOT)
- SIRO-CIPLA study (Inhaled Insulin): Randomized, Double-blind, Placebo-controlled, Multicenter, Phase 3 Clinical Trial to Evaluate the Efficacy and Safety of Prandial Technosphere® Insulin Inhalation Powder Versus Placebo Inhalation Powder in Patients with Type 2 Diabetes Mellitus Inadequately Controlled with Oral Antidiabetic Drugs Over a 24-week Treatment Period.
- A 68-week clinical trial comparing the efficacy, safety and tolerability of once-daily oral semaglutide 25 mg, 50 mg and 14 mg in subjects with type 2 diabetes.
- A research study to see how well the new weekly medicine IcoSema, which is a combination of insulin icodec and semaglutide, controls blood sugar level in people with type 2 diabetes compared to weekly insulin icodec (COMBINE 1). Trial ID: NN1535-4591
- A Randomized, Controlled, Multicenter Study to Evaluate the Safety and Efficacy of Paltusotine in Subjects with Non-pharmacologically Treated Acromegaly.
- ICMR study: Formation of registry of people with diabetes in India with young age at onset. (Phase II)
- A Randomized, Open label, pilot Study to Compare the Efficacy of Pioglitazone (7.5 mg) and Pioglitazone (15 mg) on Glycemic Control in Patients with Type II Diabetes Mellitus who are not controlled on either metformin (single drug) or both metformin and DPP4 inhibitors/ sulfonylurea (2 drugs) or metformin, sulfonylurea and DPP4 inhibitors (3 drugs)
- A Nuclear Magnetic Resonance-Artificial Intelligence (NMR-AI) based Hybrid Approach for Modelling the Progression of Type 2 Diabetes Mellitus (T2DM)
- Study of maternally inherited mitochondrial DNA variants in women with Polycystic Ovarian Syndrome

Forensic Medicine and Toxicity

- Retrospective Study on Gender Based Violence- Deaths Due to Gender Based Violence At a Tertiary Care Centre in Mumbai
- Co-relation of Cronological Age of Individual with Anthropological Para-meters & Dental Status.
- Sexual Dimorphism from Mandibular Canine Index In Autopsied Bodies At Tertiary Care Center in Mumbai.
- Retrospective Study on Deaths Due to Violence Against Women & Children At Tertiary Care Institution.
- A Comparative Study of Post-mortem Computerized Tomography Medico Legal Postmortem Findings at a Tertiary Care Institution.

Gastroenterology

- A study of gonadal function in male Budd Chiari syndrome (BCS) patients before & after appropriate therapy.”
- Evaluation of the role of capsaicin on intestinal permeability, visceral hypersensitivity and gut TRPVI receptors in patients with irritable bowel syndrome.
- Evaluation of the utility of genotyping in patients with Budd Chiari syndrome versus standard of care to assess impact on bleeding and costs – A randomized trial.
- Paracentesis Induced circulatory Dysfunction (PICD) in Patients with Budd Chiari syndrome
- Correlation between esophageal histology, 24 Hr pH-metry and high-definition endoscopy in patient with refractory GERD”
- Gonadal function in male NCPF & EHPVO patients
- A study of gonadal function in male Budd Chiari syndrome (BCS) patients before & after appropriate therapy.
- Evaluation of the role of capsaicin on intestinal permeability, visceral hypersensitivity and gut TRPVI receptors in patients with irritable bowel syndrome.
- Evaluation of the utility of genotyping in patients with Budd Chiari syndrome versus standard of care to assess impact on bleeding and costs – A randomized trial.

General Surgery

- Out of pocket expenditure in patients with isolated traumatic brain injury. Completed the study.
- Impact of orientation programme on newly joined surgery residents with Objective Structured Clinical Examination (OSCE) as a tool of assessment.

- A retrospective study of pancreatic trauma in a tertiary care center : Dr. Varsha Kulkarni
- A prospective study of microbiology of perforative peritonitis & its effect on outcome.
- Intubation and Outcomes after Major Trauma-A Prospective Cohort Study. Ethics approval pending.
- A randomized, open label, parallel, proof of concept study to evaluate efficacy and safety of topical Phenytoin cream in adult patients with Diabetic ulcers.
- A Prospective, Open-Label, Multi-centered, Non-Randomized, Non-Comparative Active Post-Marketing Surveillance to test the safety and efficacy of Diperoxochloric Acid [DPOCL] topical solution in Subjects with diabetic neuropathic ulcers of skin and subcutaneous tissue
- A Cross sectional study of occurrence of sarcopenia in patients of trauma in a tertiary care center.

Medicine

- Clinical and laboratory profile of Adolescent patients with Rheumatological disorders in a Tertiary care centre
- Study of clinical profile in patients with Sjogren's disease
- Clinical profile and outcome in patients presenting with altered sensorium
- A study of hepatic manifestations in patients with SLE & it's correlation with disease activity index
- Study of clinical & investigative parameters of infections in patients of Rheumatological disorders on disease modifying agents and immunosuppressive therapy
- Study of clinical and laboratory profile of patients with venous thrombosis in Tertiary care hospital
- A study on Type I IFN pathways and its impact on disease severity of Systemic Lupus Erythematosus
- Inflammasome activation and regulation in SLE patients
- Hyperuricemia in hypertension and correlation with hypertension mediated organ damage.
- Correlation of Hyponatremia with serum ammonia in Hepatic encephalopathy.
- Correlation of severity of Thrombocytopenia with complications in Malaria
- Utility of triglyceride-Glucose index in predicting insulin resistance
- Clinical study of masked HT in diabetics by 24hours ABPM.
- Study of prognostic role of serum chloride levels in acute decompensated heart failure.
- Collaborative study with Community Medicine department of Life style modifications in patients with HT.
- Study of elderly patients with UTI
- Comparison of MMF vs CYC in Lupus nephritis
- Study of monoarticular sarthritis
- Study of ocular manifestations of Rheumatic diseases
- Study of efficacy and safety of tofacitinib in SSA
- Correlation of nailfold capillaroscopy with cardiopulmonary diseases in patients of scleroderma
- A Study to evaluate Thyroid Profile in Patients with Liver Cirrhosis and correlation of thyroid profile with clinical and biochemical parameters of severity of liver disease
- A Clinical Study to understand the clinical profile and assess palliative care needs of patients with chronic medical conditions admitted at a tertiary care hospital
- Clinical profile and outcome of Pancytopenia
- Clinical profile of acute flaccid paralysis.
- A retrospective analysis of COVID-19 deaths in a tertiary care hospital
- Evaluation of KAP of Hand Hygiene among medical students and Health workers, a questionnaire based cross sectional study.
- A Study of clinical profile and prevalence of HIV 2 pts in retroviral OPD
- KAP study on evidence based management

Microbiology

- The scabies microbiota consortium toward new interventions in collaboration with QIMR, Brisbane, Australia.
- Role/ utility of whole genome sequencing in drug resistant tuberculosis.
- Profiling of self-initiated clients attending ICTC
- Performance characteristics and operational feasibility assessment of a CRISPR based Tata MD CHECK diagnostic test for SARS-CoV-2 (COVID-19).
- Surveillance of surgical site infections among orthopaedic patients.

- The study of viral gastroenteritis in patients attending tertiary care teaching hospital.
- Burden of laboratory confirmed tuberculosis in children and adolescents in tertiary care center.
- Surveillance of dengue virus serotypes in patients detected with dengue NS1 antigen and its correlation with clinical parameters – a single center study from a tertiary care teaching hospital in Mumbai.
- Correlation of *Candida auris* colonization to candidemia in NICU
- Prevalence of Giardiasis in patients with diarrhoea attending tertiary care centre.
- Comparison of malaria rapid antigen diagnostic test, peripheral blood smear microscopy and real time PCR for diagnosis of malaria among febrile patients in a tertiary care teaching hospital of Mumbai-A Pilot Study.
- Prevalence of Scrub typhus infection among patients presenting with acute febrile illness in a tertiary care teaching hospital in Mumbai.
- Influenza virus infection: subtypes, clinical characteristics and outcome in hospitalized patients – a single centre study.
- Antimicrobial susceptibility pattern of bacterial isolates in pediatric septicemia / blood stream infections.
- A study of prevalence of dermatophytes in diabetic adults.
- Prevalence of Hepatitis A and E in acute viral hepatitis patients.
- Incidence and risk factors for catheter related blood stream infections in haemodialysis patients.
- Clinico-microbiological relevance of significant bacteriuria in post kidney transplant patients.
- Evaluation of diagnostic performance of Xpert MTB/RIF Ultra assay in suspected tuberculous meningitis cases in a tertiary care setting.
- Prevalence of invasive aspergillosis in hematological patients in a tertiary care hospital.
- Prevalence of Chikungunya infection among patients presenting with acute febrile illness in a tertiary care hospital in Mumbai.

Neonatology

- Initiation Regimen for multicomponent human milk fortification in Extremely Low Birth Weight preterm Neonates (IRENE): A randomised control trial
- Extra uterine growth restriction: Incidence and predictive factors in a cohort of very low birth weight neonates – a prospective observational study
- Effect of 12 hourly vs 24 hourly dosing intervals of antenatal betamethasone on neonatal outcomes- a retrospective observational study from a low-middle income country.
- Growth and neurodevelopmental outcomes at 18 months in a follow up cohort of 21- SARS COV2 infected neonates- a prospective observational study
- Correlation of breast milk sodium level with lactation performance: an observational study.
- Improving routine use of analgesia for venipuncture in tertiary level NICU - A QI study
- Diagnostic accuracy of point of care testing for C reactive protein, interleukin-6 and procalcitonin in neonates with suspected sepsis.
- Slow enteral feed advancement with late human milk fortification versus fast enteral feed advancement with early human milk fortification in preterm infants >30 weeks gestation- a randomized controlled trial
- A comparison of different dosing regimen of intravenous paracetamol for haemodynamically significant patent ductus arteriosus closure in premature neonates< 32 weeks gestation- a prospective observational study.
- Phonocardiogram in screening for critical congenital heart diseases in newborn infants: a test accuracy study
- Paper-based diagnostic device for detecting neonatal sepsis
- Development, optimization and validation of LCMS/MS based laboratory test for newborn screening
- Clinical outcome in preterm babies admitted in NICU- an audit
- Adherence of developmentally supportive care- a memory based approach vs a mobile app based approach
- Clinical outcomes related to human milk fortification in very low birth weight preterm infants post discharge- a prospective observational study.
- Breast milk fortification with human milk derived human milk fortifier (HHMF) versus bovine milk derived human milk fortifier (BHMF) in preterm infants < 30 weeks gestation: A randomised control- non inferiority trial from western India.
- Blood transfusion in very low birth weight infants: a prospective observational study.
- Perinatal Palliative Care (PPC) and Parental satisfaction scores: A prospective observational study from a tertiary care neonatal intensive care unit in Western India.

- Neonatal palliative care in a tertiary level NICU: A prospective and retrospective observational study from Western India.
- Clinical and microbiological spectrum of fungal sepsis in neonates admitted in tertiary care level III NICU- a retrospective observational study.
- Diagnostic accuracy of point-of-care testing for International normalized ratio in neonates with coagulopathy - A prospective observational study.
- Delayed umbilical cord clamping vs immediate cord clamping in multiple preterm gestation: a randomised controlled trial
- Large volume vs standard volume feed in early preterm babies: a randomised control trial
- Effect of kangaroo mother care on cerebral blood flow in hemodynamically stable preterm infants and neurodevelopmental outcome at one year of age-a prospective cohort study
- Rapid vs slow advancement of early enteral nutrition in neonates with perinatal asphyxia on therapeutic hypothermia: a randomized controlled trial – non inferiority trial.
- Initiation regimen of multicomponent human milk fortification in preterm extremely low birth weight neonates: a prospective observational study
- Neurodevelopmental and ocular outcomes in preterm infants treated for retinopathy of prematurity: a prospective observational study from western India
- Early versus standard fortification of breastmilk feeds among high-risk preterm infants more than 29 weeks gestation: a randomized controlled trial
- Adherence to development supportive care: a memory-based approach vs. A mobile app- based approach
- Use of point-of-care testing (poc) for c-reactive protein (crp) in reducing the duration of antibiotic therapy- a randomized control trial from western India
- Amplitude-integrated EEG in preterm infants: correlation between amplitude-integrated EEG and severity of intraventricular hemorrhage - a prospective observational study
- Correlation of lung ultrasound score and NICHD neonatal bronchopulmonary dysplasia (BPD) outcome estimator score for predicting the risk of BPD in preterm neonates: a prospective observational study from western India
- Effect of kangaroo mother care (KMC) on neurodevelopmental outcome at one year of age- a prospective cohort study
- Restricted versus conventional fluid administration in extremely low birth weight neonates: a randomized control non-inferiority trial
- Effect of intermittent versus continuous phototherapy in preterm infants >29 weeks of gestation: a randomized non-inferiority trial
- Diagnostic accuracy of point-of-care testing for international normalized ratio in neonates with coagulopathy- a prospective observational study
- Hearing the unheard-Experiences and expectations of parents with preterm babies in a tertiary care level III NICU: a qualitative study of parental narratives.
- Collaboration with World Science Foundation in the project titled Phonocardiogram in screening for critical congenital heart diseases in newborn infants: a test accuracy study. Visit by Dr Sepheri in March 2023 from Iran for collaborative work on Phonocardiogram

Nephrology

- FLOW - Effect of semaglutide versus placebo on the progression of renal impairment in subjects with type 2 diabetes and chronic kidney disease.
- A phase 3 randomized controlled study of renal autologous cell therapy (react) in subjects with type 2 diabetes and chronic kidney disease (REGEN)
- Randomized controlled trial of single versus dual RAAS inhibition in patients with primary glomerulonephritis
- Randomized Control Trial to compare effect of Atenolol vs Telmisartan in hemodialysis patients with uncontrolled hypertension.
- Study of clinical profile, laboratory parameters and genotype phenotype correlation in patients with Membranoproliferative glomerulonephritis (MPGN) pattern on renal biopsy.
- To study the long-term renal outcome of patients with pregnancy related acute kidney injury.
- To evaluate Ovarian dysfunction in females with Lupus nephritis
- To evaluate effects of tenofovir on kidney function in patients with HIV/AIDS
- To study tubular dysfunction in patients with lupus nephritis.

Neurology

- Efficacy and Safety of Pozelimab and Cemdisiran Combination therapy in patients with symptomatic generalized myasthenia gravis

Neurosurgery

- Scientific evaluation of series of patients undergoing the surgical management of complex neurosurgical tumors and lesions are being conducted.

Nuclear Medicine

- Role of F-18 DOPA indodifferentiation of drug induced and idiopathic parkinsons disease.
- Role of FDG PET/CT in autoimmune encephalitis.
- Role of F-18 bone scan in disease activity assessment of mandibular condylar hyperplasia

Obstetrics and Gynecology

- Comparison between cerviprime gel and foleys catheter as the initial method of induction of labour in a postdated primigravida pregnancy in a tertiary care hospital: an observational study
- Determinants of contraceptive use in primiparous women
- The place of Interventional Radiology in women with abnormally invasive placenta undergoing delivery
- To study the short terms effects in closure vs non closure of peritoneum in cesarean section
- Study of knowlegde and attitude regarding HPV vaccination in a tertiary care centre
- Knowledge and attitude of pregnant women about vaginal birth after cesarean section
- Critical analysis of unsuccessful trial of labour after cesarean section
- Review of cases of intrauterine fetal demise at tertiary care centre successful outcomes of trial of labour after cesarean section using FLAMM scoring system
- Osteoporosis screening and diagnosis in postmenopausal women
- Study of PPIUCD at tertiary care hospital
- A Study of PGE2 gel application for cervical ripening and induction of labour comparison between continuous vs interrupted suturing technique for episiotomy repair, short and intermediate outcome
- Anal Sphincter Dysfunction in pelvic organ prolapse patients. ”.
- Renal involvement in patients of pre-eclampsia
- Clinical and microbiological analysis of term and preterm premature rupture of membranes
- An Observational Questionnaire based study on Post Partum Depression in a tertiary care centre.
- Risk factors and obstetrics outcoms in placenta previa
- Perinatal outcome of second twin in twin gestation
- Utility of hand held doppler in determinig intrauterine fetal distress
- Obstetric outcome in teenage pregnancy at a tertiary care centre
- Evaluation of demographic, obstetric and neonatal factors leading to term admissons in NICU
- Perinatal outcome in postdatism
- Effectiveness of LNG-IUS (Mirena) in adenomyosis
- Critical analysis of failed induction of labour
- Knowledge , attitude and practices of menstrual hygiene management in college students
- USG Doppler (CPR) in IUGR outcome
- Comparison of vaginal v/s LSCS in oligohydramnios in term pregnancy
- Maternal and fetal outcomes in meconium stained amniotic fluid
- Determinants of permanent methods of contraception in multiparous women
- Maternal and fetal outcome in different methods of delivery of head in second stage of labour
- Non rheumatic, non congenital cardiac disease morbidity in pregnancy
- Placental localisation in scarred uterus , its role in maternal and fetal outcome
- Knowledge, attitude and practices of warning signs in pregnancy
- Role of colour doppler in perinatal outcome in term pre eclampsia
- Knowledge and attitude of breastfeeding in females with experience of breast feeding
- Maternal and fetal morbidities in forceps delivery

- Maternal indications for referral to tertiary care centre and their maternal and fetal outcomes
- Retrospective study of maternal and fetal outcomes in polyhydramnios
- Audit of massive transfusions in obstetrics
- Determinants of acceptance of various temporary postpartum contraceptive methods among first time parents at a tertiary care hospital
- Aberrant paternal imprinting: a risk factor for preeclampsia
- Involvement of Paternal Imprinting at Micro RNA clusters of chromosomes 14 and 19 in recurrent spontaneous abortions.
- Idiopathic recurrent pregnancy loss: Possible association with prenatal exposure to endocrine disruptors and epigenetic modifications in sperm

Occupational Therapy

- Effect of core versus hip strengthening on knee function in adults with Osteoarthritis knee: A Randomised Controlled Trial
- Efficacy of dedicated ADL training in occupational therapy program on adults with rotator cuff tear.
- Influence of family caregiving on basic activities of daily living independence in mild to moderate dementia patients- a cross sectional study.
- Effect of Virtual reality training vs Conventional Balance Training on balance and fear of fall in patients with Parkinson's disease- a randomized control trial
- Comparing the effectiveness of chaser, redistribution and simultaneous feeding intervention in children presenting with food packing
- Effects of occupational therapy intervention based on cognitive behavioral therapy on quality of life of patients with Alcohol use disorder - single group experimental study
- Use of Model of Human Occupation based Occupational therapy intervention for self-care in patients with schizophrenia in acute care setup
- Effect of metacognition- oriented occupational therapy intervention on psychosocial functioning in patients with schizophrenia- single group experimental study.
- Correlation between coping styles and sensory processing patterns in patients with substance use disorder- A cross-sectional study.
- Determining routine participation of children with ASD in age group of 3 to 6 years
- Exploration of perceived barriers and facilitators to physical activity participation of children with disability
- Functional outcome after occupational therapy intervention in adults with traumatic Brachial plexus injury: A prospective Observational study
- Functional Outcome after proximal humerus fracture : a prospective observational study
- Effectiveness of occupational therapy based sleep intervention on sleep quality and its impact on quality of life in patients with Parkinson's disease.
- Effect of cognitive impairment on quality of life among patients with epilepsy in Indian scenario : A cross sectional study
- Effect of Occupational Therapy intervention on balance and Bilateral integration in Children with cochlear implant in the age group of 5-9 years
- The Quality of Life and Health in Children with Cerebral Palsy in the age group of 5 to 8 years and its Impact on parents quality of life and Family Functioning.
- Comparison of self-perception in children with or without motor disability : cross sectional study
- Parent's perspective about influence of screen time on childhood , parental and family occupations in children with or without special needs:Qualitative Study.
- To compare Executive functions in children with Specific learning disability (SLD) and Attention deficit/hyperactivity disorder (ADHD) using standardised tests: A cross sectional study.
- Sensory processing issues in patients with schizophrenia and bipolar mood disorder - A cross sectional and Comparative Study
- Comparison of Proprioceptive Nest with standard nesting to meet the proprioceptive needs of preterm neonates in NICU - A randomized control non inferiority study.
- Adherence to Developmentally Supportive Care: A Memory-Based Approach vs. a
- Mobile App-Based Approach – Prospective observational study.

- CAT(Comprehensive assessment tool) for hand function evaluation- a study in a metropolitan city of Maharashtra
- Low dose Emeticumab RCT ,Oct 2023.
- Randomize controlled Trial to investigate efficacy and safety of Mim8 in adults and adolescents with Hemophilia A with inhibitors and without Inhibitors.
- Safety ,efficacy and exposure of subcutaneously administrated Mim8 prophylaxis in children with Hemophilia A with or without factor 8 inhibitors.

Ophthalmology

- Estimation of optic nerve-sheath diameter in healthy volunteers and in cases with
- Study of Retinal nerve fiber layer thickness in cases of primary open angle glaucoma in with perimetric changes and central corneal thickness.
- Study of risk and visual outcome in patients with retinal vein occlusion
- Study of risk future and visual outcome in patients with retinal vein occlusion
- Study of early changes of retinal layers on optical coherence tomography in patient on oral hydroxychloroquine therapy.
- Corneal Topography in patients with more than 2 diopteric astigmatism.
- Visual outcome and complication in patients with iris claw implantation.
- comparison of preoperative and Postoperative visual fields and Stereopsis in patients with horizontal strabismus.
- To study association between sleep disordered breathing and age-related muscular degeneration.
- Visual outcome and complication in Patient with iris claw Implantation.

Orthopedics

- Correlation of forgotten joint score and oxford knee score in primary total knee Arthroplasty.
- Morphometric study for superior pubic medullary screw fixation
- CRP levels before & after TKR
- Long term outcomes and survivorship of reverse total shoulder arthroplasty: A systematic review and meta-analysis
- The role of nutrition in improving outcomes in lower limb arthroplasty: A systematic review and meta-analysis
- The Impact of anaesthesia type on outcomes in total hip arthroplasty: A systematic review and meta-analysis
- Pre op and post op unilateral and Bilateral limb length discrepancy in TKR
- Natural history of AVN hip in covid -19 infection and retrospective analysis of in a tertiary care center
- Prospective study to compare Ranawat's technique, Amstutz Technique and
- Double Stitch Technique used to Minimize Limb Length Discrepancy Intra-operatively
- A Prospective randomized study of outcome of multiple drill holes in anterior
- cortex of distal femur on fixation of femoral component after cemented total knee arthroplasty
- The functional outcome and rate of infection control in peri prosthetic knee joint infection managed with indigenously made articulating spacer with silicone templates.
- Evaluation of the outcome of controlled medial soft tissue release without a tibial stem extension in posteriorly stabilized knees of patients with severe varus of the knee.
- To study the efficacy of leukocyte esterase strip test in diagnosis of joint infections
- The functional outcome of Long stem cemented bipolar hemiarthroplasty in comminuted intertrochanteric femur fracture in elderly osteoporotic females
- Choosing surgical or conservative treatment for posterior malleolus fractures in Trimalleolar Fractures of ankle
- Ankle injuries in kabaddi players
- To compare the difference in analgesic potency of intraarticular cocktail infiltration versus transdermal fentanyl patch in post operative patient of total knee replacement
- Does replacing patella lead to better functioning after TKR for OA knee
- Morphometric study of scapular glenoid cavity in population of western India
- Role of teriparatide in neck of femur fractures
- Role of denosumab in preventing collapse in initial stages of AVN
- Early evaluation of Post-corrective osteotomy for genu varum and valgum in Children
- Use of anterior and lateral humero-cortical line to assess cubitus varus in post op cases of supracondylar fracture of humerus
- Surgical vs non-surgical outcome of adults with displaced Proximal humerus fractures.

- Study of peri implant fractures
- Correction of coronal plane lower limb deformity – an observational study.
- Lower limb alignment in young Indian adults
- Outcomes of Ankle malleolar fractures treated by ORIF
- Evaluation of changes in diaphragm after kyphosis correction surgery.
- Functional outcome of patients of craniovertebral tuberculosis Managed conservatively or surgically our experience in a tertiary care Center
- Prevalence risk factors and recovery of foot drop in degenerative lumbar spine pathologies.
- Incidence and risk factor of postoperative neurodeficit in spine surgeries.
- 3D printing in spine surgeries and its effectiveness during surgeries
- Descriptive study to analyse short term clinical and functional outcomes in lumbar disc disease in patients who refused surgery
- Effect of surgical protocol checklist in spine surgery.
- Short term clinicroadiological outcome between endoscopic and open spinal fusion in cases of degenerative lumbar spine diseases [pilot study]
- Changes in Patellofemoral incidences post high tibial osteotomy
- A comparative study of functional outcome of isolated medial open wedge tibial osteotomy vs tibial osteotomy with meniscus root repair.
- Long fixation in degenerative scoliosis.
- Hamstring graft size and anthropometry in western Indian population
- Investigating the correlation between facet joint fluid and lumbar instability in degenerative lumbar spine disease

Pathology

- Etiology of sudden cardiac death in medico-legal autopsies
- Pathological evaluation of breast cancer post neoadjuvant therapy
- Pulmonary pathology in perinatal and neonatal deaths – A five-year retrospective study
- An autopsy study of fat distribution in liver in maternal deaths, with its clinical correlation
- Accuracy of fine needle aspiration cytology in the diagnosis of lymphoma – A retrospective analysis
- Surgical pathology of spleen – A 5-year retrospective study
- Clinicopathological correlation of soft tissue tumors – A two-year study
- A clinicopathological analysis of supra-sellar lesions – A five-year study
- Clinicopathological study of disseminated intravascular coagulation in maternal mortality – A five-year study
- Utility of the Papanicolaou society of cytopathology system for reporting pancreaticobiliary lesions cytology: A retrospective study
- Role of liver biopsy in infantile cholestasis: A ten – year retrospective study
- Clinicopathological spectrum of uterine corpus lesions in perimenopausal patients with abnormal uterine bleeding
- A study of bone marrow biopsies in pancytopenia

Pediatrics

- Clinico-pathological analysis of heart disease in pediatric age group
- An audit of quality of referral
- letters written by school principals for students having poor school performance
- An observational study on adverse effects of antiepileptic drugs in children in a tertiary care hospital.
- An observational study on clinico-etiological profile of epilepsy in children at a tertiary care center.
- A prospective observational study of risk factors, bacteriological profile and pattern of antimicrobial resistance in blood culture in pediatric intensive care.
- A study of psychological impact on parents of children admitted in pediatric intensive care unit.

- A study of psychological impact in caregivers of persons with childhood onset Gaucher disease.
- Knowledge and attitude of postgraduate medical students in a tertiary care public hospital in Mumbai towards universal newborn screening.
- An observational study of current practices of blood / blood product transfusion in a tertiary care pediatric intensive care unit
- An observational study of the causes, management and outcome of seizures in a tertiary care pediatric intensive care unit.
- An observational study of serum electrolyte abnormalities (Na⁺ & K⁺) in patients admitted to a tertiary care pediatric intensive care unit.
- To study PSQSA score a predictor of mortality in children admitted in pediatric intensive care unit with sepsis.
- A prospective observational study on the frequency and clinical profile of hypocalcemic seizures in children under 2 years of age.
- Clinical and etiological profile of parapneumonic pleural effusions in children with special reference to outcome.
- Clinical & etiological profile of liver abscess in children with special reference to the outcome.
- An Observational Study of Clinical Spectrum and Outcome of Patients with Tuberculosis in a Tertiary Care Pediatric Intensive Care Unit.
- Parental satisfaction Regarding Patient Management in a Tertiary Care Pediatric Intensive Care Unit.
- A cross-sectional observational study of clinic-etiological profile and risk factors of urinary tract infection in Children
- A Questionnaire Based, Cross-Sectional Observational Study of Knowledge, Attitudes and Practices of Parents Towards Childhood Epilepsy
- A Cross Sectional Observational Study on Academic Performance in Children with Epilepsy and Factors influencing it.
- The economic burden of Duchenne Muscular Dystrophy at a public health tertiary care hospital in Mumbai.
- The impact of COVID-19 pandemic on health care utilisation and epilepsy control in paediatric patients with epilepsy in a tertiary care public hospital in Mumbai
- The impact of COVID-19 pandemic on health care utilisation of paediatric patients with beta-thalassemia major in a tertiary care public hospital in Mumbai
- An Observational Study of the Spectrum of Cardiac Illnesses Admitted to a Tertiary Care Pediatric Intensive Care Unit.
- An Observational Study of the Etiology, Clinical Profile and Outcome of Patients with Non-traumatic Coma in a Tertiary Care Pediatric Intensive Care Unit.
- An observational study of the spectrum and outcome of the patients admitted to tertiary care Pediatrics intensive care unit
- Evaluation of Cardiac and Hepatic iron overload in thalassemia major patients with T2* MRI
- A study analyzing the indications for starting Anti-Tuberculosis Therapy in children with Tuberculosis in a Tertiary Health Centre.
- An observational study on etiological spectrum of refractory seizures in children in a tertiary care hospital
- Assessment of Food Consumption Pattern based on Food groups and Food related Behaviors among Children aged 5-12 years: A Cross-sectional descriptive study.
- Pediatric Index of Mortality-2 (PIM-2) and Pediatric Index of Mortality-3 (PIM-3) for predicting mortality in a tertiary care Pediatric Intensive Care Unit (PICU)
- A cross sectional observational study on the clinical and the etiological profile of global developmental delay in children.
- A cross sectional study on knowledge, attitude and practice of parents of children with cerebral palsy
- A cross sectional observational study on clinical profile and etiology of children with suspected Primary Immunodeficiency disorders
- An observational study of quality of life in caregivers of patients with childhood onset Gaucher Disease in India.
- An observational study of quality of life in caregivers of patients with Duchenne Muscular Dystrophy in a tertiary care public hospital in Mumbai
- Prospective study of missed opportunities for immunisation among children attending genetic clinic in a tertiary care public hospital in Mumbai.
- Antibacterial Utilization Study in a Tertiary Care Pediatric Intensive Care Unit with Estimation of Drug Levels of Vancomycin.
- Predictors of Mortality in Patients Admitted to a Tertiary Care Pediatric Intensive Care Unit
- Etiology, Complications & Outcome of Patients with Respiratory Illnesses Admitted to a Tertiary Care Pediatric Intensive Care Unit.

- Burden of Tuberculosis - Infection or Disease - Among Household Contacts of a Case of Tuberculosis in Paediatric Age Group
- Children with Pancytopenia- Clinical, Etiological and Hematological profile in a tertiary care centre, an observational study.
- Incidence and risk factors of pneumonia in children under five years of age in a tertiary care hospital
- Pattern of Smart Screen exposure among children aged 1 month-12 years: A cross-sectional descriptive study
- A retrospective study on Clinico-etiological profile of Epileptic encephalopathies in children.
- A retrospective study of Clinico-etiological profile of children with Ataxia.
- A retrospective study on Clinico-etiological profile of microcephaly in children.
- Etiology, use of mechanical ventilation and outcome in infants (aged two months to twelve months) admitted to pediatric intensive care unit with acute respiratory distress.
- Study of clinical profile and outcome of shock in Paediatric intensive care unit (PICU).
- Study Of Thrombocytopenia In A Tertiary Care Pediatric Intensive Care Unit.
- Study Of Hypoalbuminemia And Its Impact On The Clinical Outcome Of Critically Ill Children Admitted To PICU In A Tertiary Care Hospital
- An Observational Study of Clinical Spectrum and Outcome of Patients with Tuberculosis in a Tertiary Care Pediatric Intensive Care Unit.
- Parental Satisfaction Regarding Patient Management in a Tertiary Care Pediatric Intensive Care Unit.
- Pediatric Index of Mortality-2 (PIM-2) and Pediatric Index of Mortality-3 (PIM-3) for Predicting Mortality in a Tertiary Care Pediatric Intensive Care Unit.
- A cross-sectional observational study to assess prescription pattern, awareness of parents regarding disease and use of antimicrobial agents and cost of treatment in children admitted in a tertiary care hospital
- Krishnamurthy B, Tullu MS, Karande S, Belhekar M, Dhorajiwala S. Determination of Antimicrobial Utilization in the Pediatric Intensive Care Unit (PICU) of a Tertiary Care Hospital'
- Population pharmacokinetics of amikacin in adult and paediatric patients
- A retrospective observational study: clinico-etiological profile of children with acute encephalitis syndrome.

Pediatric Anesthesia

- "Cascade sign for optimal positioning of central venous catheter tip using ultrasound – a prospective pilot study".
- "Feasibility and efficacy of low flow sevoflurane anaesthesia administered through face mask during MRI in children".
- Co-Relation between Oxygen Reserve IndexTM and Central Venous Oxygen Saturation in Paediatric patients.
- Ultrasonographic measurement of optic nerve sheath diameter during laparoscopic surgeries in paediatric patients: An observational study.
- Comparison of ultrasound guided brachiocephalic and internal jugular vein cannulation in neonates and infants: A prospective randomized controlled trial.
- Prospective comparative study between Ultrasound and PNS guided pudendal nerve block and caudal epidural block in children undergoing elective hypospadias surgeries
- Learning curve in ultrasound guided paediatric caudal block in novices
- Comparison of quality of recovery between sevoflurane and target controlled propofol anaesthesia in children undergoing laparoscopic surgeries- A prospective single centre randomised controlled trial
- Effect of flexion on the S4 to Dural sac distance in paediatric patients under general anaesthesia- a prospective observational study
- Preoperative respiratory adverse events during deep versus awake extubation in pediatric patients- a single centered prospective randomized control trial.

Pediatric Surgery

- Rotasil Vaccine Intussusception Surveillance in Kerala, Karnataka, Maharashtra and Gujarat, India
- KEM pyeloplasty score for prediction of pyeloplasty in pediatric patients with uretero-pelvic junction obstruction
- Paediatric surgery and COVID 19 pandemic: effect on surgical workload in a teaching tertiary care hospital
- A comparative study of role of Holmium:YAG LASER versus electrocautery for Posterior urethral valve fulguration in paediatric patients

- Normative data on stretched penile length in full term neonates
- 'Birth Defect Clinic'_ An Integrated approach to perinatal management of antenataly diagnosed anomalies

Pharmacology and Therapeutics

- Evaluation of the antiepileptic effect of N-acetyl cysteine in pentylenetetrazole induced kindling model in Wistar rats.
- An observational study to evaluate the effects of commonly used anti-anxiety drugs on cognitive and psychomotor functions in patients attending psychiatry OPD at a tertiary care hospital.
- An observational study to evaluate the Drug Awareness, Prescription Pattern and Adverse Drug Reactions in patients with Psoriasis.
- Evaluation of Prescription Pattern of Drugs and Drug awareness and Adherence to treatment in Post Myocardial Infarction Patients.
- A Cross Sectional Observational Study to Evaluate Awareness of Patients to Drug Treatment and Adherence to Statin and Antiplatelet Therapy in Patients Suffering from Cardiovascular Disease.
- Evaluation of effects of SAME in DSS induced chronic colitis in Swiss Albino mice.
- Real world evidence for safety and efficacy of SGLT2 inhibitors in the treatment of Non- diabetic Proteinuric kidney Diseases: An observational study.
- Evaluation of hypolipidemic effect of Pueraria tuberosa extract in high fat diet induced hyperlipidemia in wistar rats.
- A Comparative Study of Effect of Topical Bimatoprost, Latanoprost, Travoprost and Minoxidil on Hair Growth in C57BL/6 Mice.
- An Observational study to Evaluate Awareness of Drug Treatment in Parents of Epileptic Children in a Tertiary Care Hospital.
- Evaluation of Anti-depressant Effect of Tirzepatide on Unpredictable Chronic Mild Stress Induced Swiss Albino Mice: An Experimental Study.
- Evaluation of Antiparkinsonian effects of phyllanthis emblica and Allium sativum on drosophila and Rat model.
- Evaluation of patient awareness towards secondary prophylactic drug treatment and Prescription Pattern in post stroke patients in a tertiary care hospital.
- Evaluation of effect of Commiphora wightii and Asthiposhak in experimental rat model of Osteoarthritis.
- Evaluation Of Effect of Lobeglitazone in an Animal Model Of Polycystic Ovary Syndrome.
- Evaluation of the anti-arthritis effect of Gmelina arborea on complete Freund's adjuvant-induced arthritis in Wistar rats.
- A Cross-Sectional Observational Study to Assess Prescription Pattern, Awareness of Parents regarding Disease and Use of Antimicrobial agents and Cost of treatment in Children Admitted in a Tertiary Care Hospital.
- Evaluation of Awareness to Drug Treatment, Prescription Pattern & Self-Medication in Patients with Acne in a Tertiary Care Hospital - A Cross Sectional Questionnaire Based Study.
- A cross sectional study to detect the presence of steroids in fairness and beauty creams available in India.
- Pioglitazone 7.5 mg Vs pioglitazone 15 mg in glycemic control in Type 2 diabetes mellitus EC/OA-01/2021.
- Evaluation of anticancer activity of FS-AuNPs and HCFS-AuNPs in hepatocellular carcinoma model in C3H mice.
- Assessing perceptions of stakeholders towards knowledge, attitude, practices along with challenges of using adaptive designs in Clinical trials.
- A Proof-of-Concept Investigation into Withania somnifera as an Adjuvant to Pharmacological Treatment of Alcohol Use Disorder: A Randomised Double-Blind, Placebo-Controlled, Parallel-Group Study.
- A study of drug use pattern in IBD- A systematic Review.
- Evaluation of the role of capsaicin on intestinal permeability, visceral hypersensitivity and gut TRPV1 receptors in patients with irritable bowel syndrome
- Evaluation of urinary lactulose mannitol ratio and sucralose concentration in healthy volunteers.
- Assessment of Physico-Chemical properties of the Bhasma and Evaluating the effect of Bhasma on animal model of Parkinson's disease.
- Evaluation of effect of Durva (Cynodondactylon) and Shatavari (Asparagus racemosus) on implantation in mice and its mechanism of action.

Physiology

- Assessment of lung function by using spirometry in post -menopausal women-
- Dr.Munira Hirkani, Dr.Barani Balasubramanian, Dr.Sathyadhevi.

- Effect of yoga, pranayama and well-being sessions on pain tolerance and pain threshold levels in normal healthy participants using the cold pressor technique-
- Dr.Sweta Salgoankar, Dr.Anita Agrawal, Isha Singhal , Prerna Jha, Darshita Jatakia, Muskan Chabarea, Jay Damle.
- A comparative study of cognitive functions between adult instrumental musicians and non-musicians- Dr.Surabhi Lakra, Dr.Amit Navare.
- An experimental study to compare the impact of Surya namaskar and regular physical exercise on various health parameters in an age group of 25-35 years in health care employees.- Dr.Avi Borkhatariya, Dr.Devendra Patil.
- A comparative study of cardiorespiratory endurance, handgrip endurance and reaction time between badminton players and non- sportsmen individuals of the same age group of 18 to 25 years.- Dr.Dipeeka Dhumal, Dr.Lalit Nikam
- Effect of kalaripayattu on pulmonary function, audiovisual reaction time and handgrip strength in Indian population aged 20-40 years of age.- Dr.Barani Balasubramanian,
- Dr.Manish Dhadse.
- A questionnaire based study on effects of Ramadan fasting on physiological parameters and the time period of the persistence of the same effects- Dr.Umme Salma Khan, Dr.Sharad Patel.
- A comparative cross sectional study of pulmonary function test parameters among swimmers, Yoga practitioners and sedentary population in Mumbai city- Dr.V.S Sathyadhevi, Dr.Hitesh Modak

Physiotherapy

- Simran Khalsa, Jyotsna Thosar, Correlation of Motor recovery with Joint position sense at shoulder joint in Brachial Plexus injury patients
- Saniya Shaikh, Dipti Geete, Correlation of Scapula Dyskinesia and Joint position sense with perception towards function in subjects with Rotator Cuff tear
- Khushboo Pakhrani, Swati Paranjape, Analysis of Correlation between the Perceived Level of Fatigue and Physical Performance among patients with Knee Osteoarthritis
- Shruti Godbole, Jyotsna Thosar, Correlation of Kinesiophobia with gait speed, pain and dynamic balance in total knee arthroplasty patients
- Shivani Thakur, Dipti Geete, Correlation of self-efficacy with muscle activation and functional performance in patients with chronic low back pain.
- Ganesh Gore, Swati Paranjape, Analysis of Correlation between the Neck Muscle Endurance and Pain with Neck Disability in Patients with Chronic Neck Pain
- Sheetal Kokane, Jyotsna Thosar Correlation of Craniovertebral Angle with Thoracic Kyphosis, Lumbar Lordosis and Pelvic Tilt in Asymptomatic Young Adults.
- Amol Kathar, Archana Gore , Association between sleep disorders and vestibular impairments in children with cerebral palsy
- Netal Gandhi, Dipti Geete, Correlation of patient perception towards hand function with sensorimotor impairment following distal radius or/and ulna fracture
- Mahima Agarwal Correlation between emotional intelligence and speed of walking in elderly.
- Tejashree Sapria. Correlation between sleep problems and trunk control in children with cerebral palsy
- Sneha Bawiskar Analysis of Postural Control using Modified test of Sensory Interaction in Balance (CTSIB-M) with addition of visual engagement task in healthy young adults
- Prajakta Rathod Correlation between sleep quality and risk of fall in elderly.
- Akshata Gadodiya. Immediate effect of spring-assist technique of kinesiology taping for ankle dorsiflexors on range of motion, spasticity, balance and gait in subjects with stroke
- Vibhuti P.Tiwari, Jaimala Shetye. Differential Effect of pursed-lip breathing on 6 minute walk distance among apple and pear shaped obese adults
- Rutuja Wayal, Jaimala Shetye. Comparison of Ankle Brachial Index among diabetic and non diabetic age matched individuals.
- Krupa Kataria, Sushama Bhandare. Effect of patient education on anxiety and depression in patients with intra cardiac device.
- Yuvraj Athole, Sushama Bhandare. Correlation between burnout syndrome and estimation of aerobic capacity in resident doctors
- Archana Gore, Saraswati Iyer - Effect of exercise and massage on sleep problems in children with cerebral palsy.

- Deepika Metange, Saraswati Iyer. Evaluation of the risk of falls in older adults in urban and rural population of Maharashtra: A prospective cohort study.
- Bhagyashree Kamble, Saraswati Iyer. Assessment of sensorymotor function, reaction time and hand function in older adults and comparison of sensorymotor function, reaction time and hand function in diabetic and Non-diabetic older adults.
- D Geete, B Mhatre. Analysis of physical Performance, Musculoskeletal dysfunction and patients perception towards pain and disability in patients with nonspecific neck pain.
- Jyotsna Thosar, Saraswati Iyer. Analysis of structural changes, physical function and quality of life of patients undergoing physical therapy rehabilitation after total knee arthroplasty – a follow up study
- Pravin Gawali, Bhavana Mhatre. Effect of lumbopelvic-hip stability exercises on pain, physical performance and self-efficacy in patients with chronic nonspecific low back pain- a randomized controlled trial.
- Shruti Nair, Bhavana Mhatre. Facilitating reflective practices in undergraduate Physiotherapy students: a longitudinal study.
- Reshma Gurav, Bhavana Mhatre. To develop and validate a structured exercise protocol and assess its effectiveness in patients with subacromial impingement syndrome
- Zahara Polen, Jaimala Shetye. Comparison of the effect of a structured exercise program and relaxation on Heart Rate Variability and Quality of Life in Obese adults: A randomized clinical trial.
- Titiksh Pol, Jaimala Shetye. Prevalence of Metabolic Syndrome in college going young adults and its association with sedentary behaviour and effect of high-intensity interval training on its components.
- Ujwal Yeole, Mariya Jiandani. Effect of Structured Physiotherapy Exercises Vs Yoga therapy on Glucose control and quality of life in Type 2DM :RCT
- S Nagarale, Mariya Jiandani. Effectiveness of school based Intervention in obese children
- M Deshpande, Mariya Jiandani. Effect of Moderate Versus high intensity interval training on maximal oxygen consumption and risk factors of cardiovascular disease: A comparative study.
- Prajakta Sahasrabudhe, Mariya Jiandani. Development and Validation of a Patient Reported Outcome Measure in Indian Patients with known cardiac dysfunctions.
- Ankita Shripat, Mariya Jiandani. Development of measurement criteria for academic performance and its association with psycho- social factors and motor proficiency in physiotherapy undergraduates.
- Effect of time management training on time management attributes and student well being in SYBPT students. Dr Archana Gore (PT), Dr Sushama B (PT), Dr Swati Paranjape, Dr Saraswati Iyer (PT)

Plastic Surgery

- Study to assess quality of life in burn survivors
- Measurement of two-point data discrimination in hands in adult Indian individuals
- Use of composite graft for reconstruction of Nasal Ala Defect
- Micropore strapping- a practical aid for efficacious wound closure and scar excision
- Surgical management of extracapsular condylar fracture of mandible; Our method
- A questionnaire-based study regarding the perception amongst the gender of their surgeon

Psychiatry

- On The Use of The LENS Module To Decrease The Stigma Attached to Psychiatric Disorders In 2nd Year Undergraduate Medical Students.
- Experiences and Knowledge of Caregivers of Schizophrenia Patients: A Qualitative Study. Neena Sawant, Siyas Sagore, Shruti Tilak
- A Cross-Sectional Study of Sexual Dysfunction, Depression and Marital Adjustment in Diabetic Male Patients. Neena Sawant, Anuradha Rathod, Tushar Bandgar
- Psychiatric Morbidity, Risk Taking Behavior and Social Support in Urban Men Having Sex with Men - A Cross-Men – A CrossSectional Study in Mumbai Neena Sawant, Neil Pawar, Shrikala Acharya
- Comparison of Mental illness beliefs, Stigma and Help seeking behaviour of Medical and Mental health professionals: A Cross-sectional study in Mumbai.
- Neena Sawant, Avinash D'souza, Shirish Rao, Tejusv Goel, Anjali Singh, Kshitij Patil

- Depression, Anxiety, Stress, Suicidality Risk And Help-Seeking Attitudes Of Homemakers: A Cross-Sectional Study In Mumbai. Neena Sawant, Amey Kundawar ,Ishita Lanjewar,Naitica Darooka,Sonya Amin,Rahul Kothari,Tania Jacinto,Tejaswi Patil
- Caffeine Consumption Patterns And Addictive Behaviours Among The Young Adult Population Yash K, Neena Sawant ,Yash Kamath, Nihal Athavale, Shermeen More, Kasturi Ghate, Tanmay Gholap.
- “A cross- sectional study of Depression ,Self esteem and Quality of life among stroke survivors.” - Dr. Rohini Kokkalki.
- Publication- In the “Journal of Mental Health and Human Behaviour” - “Psychiatric presentation of SSPE in Pregnancy: A rare case report.”
- Self stigma and Quality of life among Schizophrenia patients
- Poster was -A case of functional neurological disorder-mixed type
- Study of Treatment Adherence In Patients With Major Depressive Disorder Attending A Tertiary Care Hospital.
- Study Of Pattern And Clinical Correlates Of Drug Addiction In Patients Of Bipolar Disorder
- Impact of coping strategies mental health awareness on caregiver burden in relatives of patients with major depressive disorder
- Psychological impact of Infertility on women-A qualitative study

Pulmonary Medicine and EPRC

- ICMR- National registry on Venous Thrombo-Embolic Disorders
- ICMR NIRRH: Diagnostic and prognostic potential of Immunological and molecular markers in Interstitial Lung Disease (ILD) patients from Maharashtra.
- ICMR: Development/ validation of Artificial Intelligence tool for screening & detection of Pulmonary TB & other lung diseases using chest x rays.
- National Environment Health Profile (MOEF & CLIMATE CHANGE)
- Global lung equations in western India Population.
- Retrospective Study of role of Medical Thoracoscopy in Undiagnosed Exudative Pleural Effusion.
- A retrospective study to evaluate the utility of pleural fluid lactate dehydrogenase-to-adenosine deaminase ratio in exudative pleural effusion.
- Retrospective Observational Study of Lymphocyte subset analysis and immunoglobulin in different phenotypes of Tuberculosis Patient at a tertiary care centre.
- To evaluate the need of Lung Transplantation in adult patients with chronic respiratory diseases at a tertiary care center in Mumbai.
- Spectrum of interstitial lung diseases in a tertiary care centre- a Retrospective study.
- Lung function in patients with post tuberculosis sequelae- A retrospective study.
- A retrospective study of prevalence of HIV-TB Coinfection among Pulmonary Tuberculosis Patients in a Tertiary Care Hospital Setting.
- Retrospective study of Clinical, Pathological, Radiological profile of Lung cancer and association of Smoking and Non

Surgical Gastroenterology

- Autoantibody signature detection by serum proteomic microarray test in early detection of colonic cancers
- Outcome of Pancreatic Necrosis
- Right Colon Vs Left Colon Malignancy
- Study Of Functional And Morphological Changes In Liver In operated Cases Of obstructive Jaundice.
- Developing Serum Markers to Predict Colonic Malignancy with IIT Mumbai.
- Model for Predicting Liver Failure with ICT-Mumbai

Transfusion Medicine

- Rare Donor Panel Registry in Maharashtra with NIIH at incoming 4 centres in K.E.M, Kolkata Medical College, PGI Chandigarh, JIPMER Pondicherry, Dr. Swati Kulkarni, Dr. Jayashree Sharma, Dr. Swarupa Bhagwat, Dr. RR Sharma, Dr. Prasun Bhattacharya ,Dr. Abhishek Gowda
- A study of effects of transfusion support in acute leukemic patients in tertiary care Hospital: Dr. Pooja Awachar, Dr. Charusmita Modi

- Comparative evaluation of a rapid antigen test, pLDH ELISA and microscopic examination of peripheral blood smear in detecting malarial parasite in patients and blood donors at a tertiary care centre: Dr. Parag Fulzele, Dr. Swarupa Bhagwat, Dr. Tejaswini Waghmare (Dept of Pathology), Dr. Kavita Joshi (Dept. of Medicine), Dr. Jayashree Sharma

Urology

- Outcome of dorsal buccal mucosal graft urethroplasty in female urethral strictures
- Study to assess super- added calculi over retained ureteral stents
- Study of natural history, clinical presentation, modes of management and role of tacrolimus in stricture urethra with BXO
- Study of radiation cystitis in Indian population
- Renal transplant pre and post op evaluation
- Study of mt DNA mutations in bladder cancer
- To evaluate Osteopontin as predictor of stone formation by its quantification in the urine of healthy volunteer and stone forming patient
- In vitro and in vivo functions of cell surface estrogen receptors in prostate cancer
- Mutations in ca bladder - a retrospective pilot study
- PSP94 as an adjunct marker for serum PSA
- Prevalence of LUTS and PVR in ambulatory relatives aged 45 years and above visiting hospital
- To speculate nomograms of pediatric UFR
- National Audit for surgical management of BEP
- Predictive factors for persistence of LUTS in patients of benign prostatic hyperplasia after TURP – A prospective analytical study
- Randomized control trial in metastatic carcinoma prostate with acute urinary retention with immediate versus delayed channel TURP in patients undergoing androgen blockade.
- To study the effects of autologous platelet rich plasma in patients undergoing visual internal urethotomy in stricture urethra- randomized control trial
- A prospective comparative study of miniperc and standard PCNL for treatment of 1-2 cm size renal and ureteric stone
- To study the effects of perioperative factors in laparoscopic live donor nephrectomy on the renal functional outcomes in recipient in live donor renal transplantation
- Hospital based cross sectional study of incidence, prevalence and management of female sexual dysfunction in patients with urological diseases.
- Systematic audit of renal stone diseases and chronic kidney diseases.
- A Questionnaire- Based Study To Evaluate the relationships between pre-operative expectations of patients with their post- operative outcomes in the department of Urology of a Tertiary care center.

In the Limelight

In the Limelight

Anatomy



Anesthesia

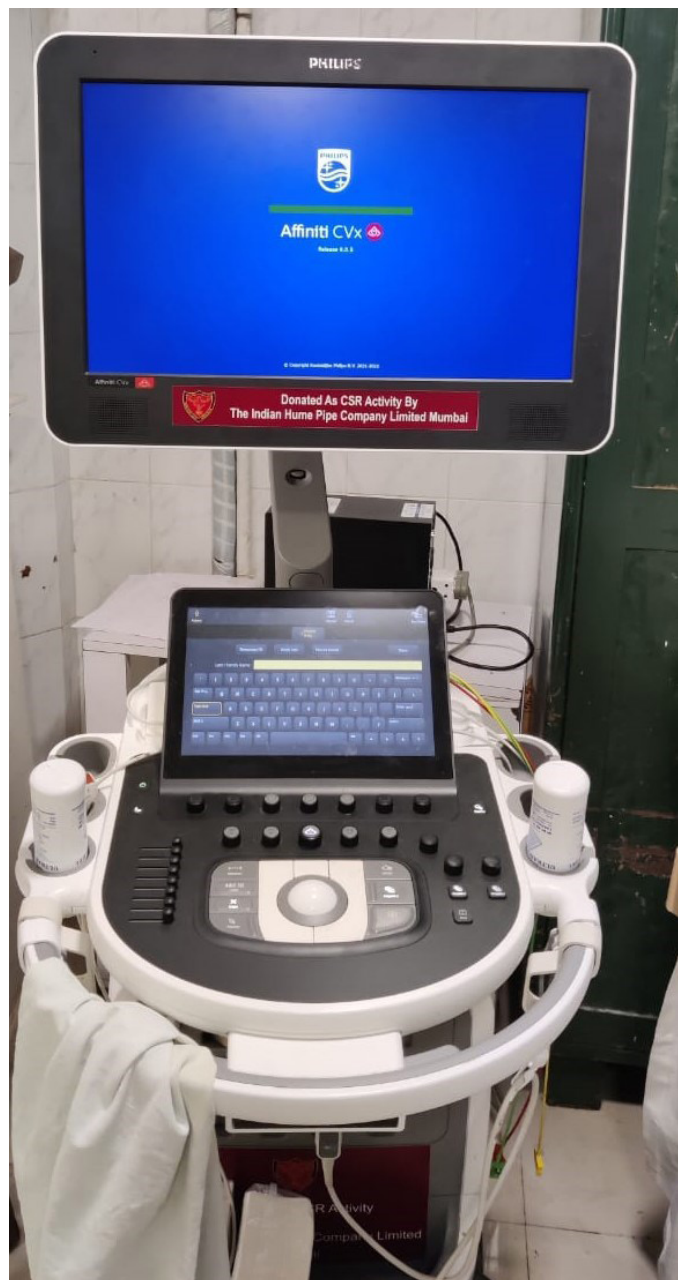


'Airway Management Workshop' held on 4th & 5th August 2023.

Biochemistry



Cardiology



New Philips Affiniti CVx 2D echo machine



New Pacemakers for temporary pacing – 2 Nos. donated by Ms Rashida Shehabi and the Maskati family

Cardiovascular and Thoracic Anesthesia

Minimalistic #TMVR valve in Valve. First case at #KEM #Mumbai. A patient with severe COPD and failed surgical mitral bioprosthesis valve. #TMVR was done under Conscious sedation. No GA and No TEE. Patient discharged home on day 2. #Safe #TMVR #SafeTAVI #Mumbai #India #DrMahajan #DrKerkar



Cardiovascular and Thoracic Surgery

Training of students in vascular laboratory



Inaguration of Multidisciplinary Haemophilia Clinic



Clinical Pharmacology



Community Medicine



Dentistry



Dermatology



ENT



Forensic Medicine and Toxicity



Gastroenterology

- Viral Hepatitis Day was celebrated through lectures, posters, rally and information camps
- Organized advanced endoscopy workshop under supervision of Dr Nilay Mehta, Dr Pratin Bhatt
- Dr. Akash Shukla is a member of steering committee of VALDIG, EASL, Europe
- ROTTO-SOTTO
- Organized 3rd space endoscopy workshop under supervision of Dr. Pratin Bhatt on 25.03.2023, 17.06.23 and 19.08.23



General Surgery



Medicine



Microbiology

Dr. Sangeeta Ravat, Dean, Seth GSMC & KEMH inaugurating VITEK MS Prime (MALDI-ToF technology), a state of the art equipment, accompanied by Dr.Chaya A. Kumar, Prof. & Head, Dr.Gita Nataraj, Emeritus Prof., Dr.Lona Dash and other faculty.



Neonatology

Breastfeeding week celebration was conducted in the Neonatology department with emphasis on improving the Knowledge, Attitude and Practice in nursing mothers.



Nephrology



Neurology



Occupational Therapy



Faculty of Occupational Therapy was Invited for the observation of Early Intervention Centre at Indian Navy's Asvini Hospital at Colaba, Mumbai



Gold medal in University Examination Jui Vaidya, Sakshi Palsambkar, Devika

Orthopedics

- The department has started its own academic courses in different sub- specialties of orthopaedics.
- Department has started UG orthopaedics Quiz.
- Our 10 residents have represented us at National and international conferences.
- 7 bedded fully functional HDU started.
- MUHS recognized fellowships in the subspecialty of Spine, Arthroplasty and Arthroscopy started.
- International Arthroscopy live surgery course 27 to 29 July 2023



- Hand Surgery course 11 to 14 October 202
- Spine OT Inauguration programme 23 November 2023

Pathology



Pediatrics





Pharmacology and Therapeutics



Physiology:

One research project selected for ICMR Short term studentship 2023- Dr.Munira Hirkani, Ms Saakshi Shree Singh.



Psychiatry



Appointment of Dr Neena Sawant as the President of Indian Psychiatric Society, West Zone Branch for the year 2023-2024.

Women's Mental Health, 9th October 2023, SPGRC, Prabhadevi



World Deaddiction Day Awareness Campaign

Pulmonary Medicine and EPRC



Inspirer, Award to Dr Pratibha Singhal, Interventional Pulmonologist, AP (Faculty) at Pulmonary Medicine Dept.

Surgical Gastroenterology

Dr Ramkrishna Prabhu was appointed as Secretary of ROTTO-SOTTO.

Urology



Social Services

- On 31.01.2023, as a part of in service training session on orthopaedic disorders was conducted by Dr. Mohan Desai, HoD – Orthopedic and Medical Superintendent for Community Development Officers.
- Donor felicitation program on 23.02.2023 at M.L.T Hall Chief Guest, Smt. Medha Prabhudesai and program was conducted in presence of Hon. Dean, Dr. Sangeeta Rawat.
- Awareness Program World Stroke Day – 2023 for Army Officers and their families on 31.10.2023



Looking Ahead

Looking Ahead

Anatomy

- Modification and Promotion of virtual teaching and learning and assessment
- Air-conditioning and up gradation of Dissection Hall and Microanatomy Laboratory
- Collaboration with clinical departments to make virtual skills learning modules
- Procurement of virtual dissection table and/or dissection software to facilitate teaching learning process.

Anesthesia

- OT Complex of Two Floors in the New Building
- Replacements of Old Equipments.
- 10 bedded HDU
- State of Art Superspecialty Operation Theatres.
- Peri-operative Management of Liver Transplant Surgeries.

Biochemistry

- Project on New-born Screening in Clinical Laboratories
- Metabolic disorders in Clinical Laboratories
- Quality Assurance in Clinical Laboratories

Cardiology

- A new fully equipped echocardiography laboratory is being set up on the 5th floor of CVTC building.
- Creation of a Radial Lounge to enable performance of transradial coronary catheterization as a day-care procedure for patients' convenience.

Cardiovascular and Thoracic Anesthesia

- Involvement and establishment of Heart Failure program including ECMO, VAD, Heart Lung Transplant.
- Improvement in academics and infrastructure of the department for better health care management and simultaneous education of young minds
- Procurement of proper place for the department.
- Equipment addition for better patient care: TEE machine, High end anesthesia workstation, Thromboelastography for blood management in the perioperative period.
- Anaesthesia for more advanced procedures like Endobronchial Ultrasound guided biopsy and staging of tumors will happen in near future.

Cardiovascular and Thoracic Surgery

- Heart Transplant Program.
- ECMO program (extra corporeal life support)
- Minimally Invasive Cardiac Surgery (MICS)
- Hybrid Cardiac and Vascular Interventions

Clinical Hematology

- To have a dedicated Bone Marrow Transplant ward.
- To improve diagnostic facilities in department.

Clinical Pharmacology

- Contribution towards the development of antimicrobial stewardship in the hospital
- Rolling out TDM services of hydroxyurea and mycophenolate mofetil for patient care
- Development and validation of a method to estimate amikacin in human plasma by High Performance Liquid Chromatography

Dentistry

- Digital OPG machine
- Intra-oral scanner for FPDs

Dermatology

- Campus and Infrastructure- Strengthening services in dermatosurgery by upgrading facilities in Minor Operation Theatre for small day care surgeries.
- Planning more innovative cosmetic procedures like Threads, Botulinum toxin and Fillers for Cosmetic Dermatology.

Endocrinology

- To start Diabetes prevention programme and Thyroid Sonography
- To Establish clinic for “Disorders of sexual development”, Neuro Endocrinology clinic
- Establish genotyping in patients with congenital adrenal hyperplasia
- To start Fellowships in Pediatric and Adolescent Endocrinology

Forensic Medicine and Toxicity

Centre of Excellence for Virtual Autopsy:

- Virtual Autopsy
- Forensic Odontology and Human Identification Laboratory
- One Stop Centre of Excellence for comprehensive care of survivors of sexual assault.
- Forensic Toxicology Laboratory:
- Histopathology Laboratory:
- Forensic psychiatry division:
- Proposed research project
 - o Clinical toxicological analytical studies.
 - o Pilot project on Virtual autopsy advantage.

Gastroenterology

Hepatology : Starting liver ICU and liver transplant program.

- Endoscopy : Starting enteroscopy, cholangioscopy and third space endoscopy services.
- Enohepatology services

Starting

- Hepatology fellowship for post DM / DNB gastroenterology candidates.
- Pediatric gastroenterology fellowship
- Fellowship in endoscopy
- Fellowship in motility disorders
- Fellowship for Endoscopy technician

General Surgery

- Starting the basic and advance training in laparoscopy for post graduates in surgery on cadavers, dry and wet surgical labs.
- Starting cadaver teaching programme : Surgical Anatomy of various organs, colorectal surgery , Liver resections, Basic surgical skills
- Acquiring 4k Laparoscopic System

Medicine

- Under process of signing MOU Between Department of Palliative care medicine, Tata hospital and Department of Medicine, KEM Hospital
- Aim is to strengthen Palliative care services for OPD & IPD patients at KEM hospital.

Microbiology

- Expanding the capacity of molecular testing
- WGS platform for infectious disease diagnosis, drug resistance detection and molecular epidemiology

Neonatology

- Point of care Lung ultrasound in newborns
- Increasing the number of DM seats in Neonatology
- Increasing the number of NICU beds and staff nurse strength in NICU
- Renovation of CLMC centre and setting up new CLMC centre in Shishughar, KMC OPD
- Setting up of Kangaroo Mother care ward

Nephrology

- Expand CAPD programme specifically catering to patients with HIV/AIDS
- Establish well equipped AVF – operation theatre with vascular clinic
- Establish a dedicated Paediatric Nephrology clinic
- To introduce certificate course in acute dialysis for dialysis nurses and technicians
- To expand the deceased donor renal transplantation programme
- To expand swap transplant programme

Neurology

- Planning to start invasive EEG monitoring unit (EMU) services for refractory epilepsy patients.
- Plan to do more VNS procedure in patients with drug refractory epilepsy.
- Plan to start Dementia ward for Alzheimer's and other dementia patients.
- Plan to start Deep Brain Stimulation (DBS) procedure for Parkinson's patients.

Nuclear Medicine

- To start PET/CT based investigations using Ga labeled radiopharmaceuticals
- Starting Lu-177 based therapies for neuroendocrine tumours
- Starting MD in Nuclear Medicine
- Starting MSc in Nuclear Medicine

Obstetrics and Gynecology

- Critical care MUHS fellowship to be started and 2 bedded critical Obst care unit will be set up.
- The department is running a Birth Defects OPD that will now incorporate Preconception counseling
- The department is in the process of establishing IVF centre.

Occupational Therapy

- The department is working towards enhancing patient's experience of rehabilitation by use of the latest technology and evidence-based protocols.
- Setting up of wheelchair path and training center for differently abled and also with facilities of disability evaluation, driving evaluation and visual rehabilitation will be incorporated in the specified area to guide and train patients for actual training.

Ophthalmology

We are planning of working ahead with 3D surgeries and video conferencing, live surgical conference, Intraoperative OCT guided Surgeries.

Orthopedics

To equip with

- Navigation system for spine and arthroplasty surgery.
- Intra operative O- arm.

- 3 advance arthroscopy system.
- Robotic set up in theatre complex.

Pathology

- Acquisition of Laboratory information management system for improving laboratory functioning and offer better patient services
- Upgradation of Surgical Pathology with grossing station and expansion of IHC panel
- Continuing upgradation of hematology automation.
- Continuing upgradation of pathology laboratorie with NABL accreditation
- Modernization of museum

Pediatrics

- Initiation of new Pediatric Gastroenterology OPD.
- Increase in teaching units from 3 to 4 at KEM Hospital.
- Initiation of DM (Medical Genetics) and DM (Pediatric Intensive Care) super-specialty courses

Pediatric Anesthesia

- Proposal for new equipment (LMA's, airway equipment, continuous cardiac output monitoring in children) has been sent.
- To set up a Paediatric Pain Clinic

Pediatric Surgery

- Plan to start comprehensive Pediatric Endourology Setup.
- Dedicated Pediatric urology clinic
- Start Robotic surgery

Pharmacology and Therapeutics

The Department of Pharmacology

- plans to publish a booklet on case studies for II MBBS students.
- plans to initiate the Dr. A. B. Varde Research Grant for postgraduate students in pharmacology
- plans to continue to conduct workshops on GCP, Ethics and Research methodology for government and private institutions and institutional IECs

Physiology

- Proposed Plan for Patient services:
 - o Assessment of physical fitness
 - o Offering exercise prescription for cardiorespiratory endurance
 - o YOGA for wellness
 - o Lifestyle modification counselling services
 - o Intraoperative nerve conduction studies
- Proposed academic training for faculty:
 - o Nerve conduction studies
 - o Electromyography
 - o Polysomnography

Physiotherapy

- To purchase Ergo-spirometer, Balance master and EMG biofeedback,
- To set up a state of art Neurophysiotherapy center and cardiopulmonary rehabilitation set up at KEMH

Plastic Surgery

To upgrade burn services to have a burn ward for male patients.

Psychiatry

Project – Drug Treatment Centre (DTC) Scheme, Treatment of Substance Use Disorders in India by MOHFW

- New DTCs will be established in the coming year. Induction Training for the newly recruited staff will also be conducted.
- Deaddiction online courses to be initiated.
- Initiation of Saksham App for common man, for various facets of mental illness.

Pulmonary Medicine and EPRC

Environment and Lung Health Institute for Mumbai City.

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 start Robotic Surgery
- Upgrading of infrastructure

Transfusion Medicine

- Full automation in Component Separation and Extraction, and grouping and crossmatching of blood /Automated immunohaematology analyzer
- Computerization in Blood Bank
- To increase voluntary blood collection to 50,000 annually.
- Procurement of Nucleic Acid Amplification Test (NAT) equipment for testing of blood donor samples for HIV, HBV and HCV

Urology

- Purchase of cutting-edge Robotic system to boost Minimal Invasive Surgery programme in Dept of Urology, KEMH.
- Procurement of flexible ureterorenoscope to enable better management of patients of renal calculi
- Completion of nationwide Audit of BEP and being part of further collaborative national audits.

Committees, Societies, Services and Publications

Committees, Societies, Services and Publications

Academic Committee

Dr.Sangeeta Ravat , Dean, GSMC& KEMH and Chairperson

Dr.Dhangauri Shenvi, Secretary, Academic Committee

Sr.No.	Name	Department
1.	Dr. Dhangauri Shenvi	Department of Physiology
2.	Dr. Anita Kale	Department of Biochemistry
3.	Dr. Smita Divate	Department of Pathology
4.	Dr. Gita Nataraj	Department of Microbiology
5.	Dr. Sandhya Kamat	Department of Pharmacology& Therapeutics
6.	Dr. Mridula Solanki	Department of PSM
7.	Dr. Smrati Bajpai	Department of Medicine
8.	Dr. Milind Nadkar	Department of Medicine
9.	Dr. Ajita Nayak	Department of Psychiatry
10.	Dr. Amita Athavale	Department of Chest Medicine & EPRC
11.	Dr. Aparna Deshpande	Department of General Surgery
12.	Dr. Alka Gupta	Department of Obstetrics & Gynaecology
13.	Dr. Nilam Sathe	Department of ENT
14.	Dr. Mohan Desai	Department of Orthopaedics
15.	Dr. Nithya Gogtay	Department of Clinical Pharmacology
16.	Dr. DV Kulkarni	Department of CVTS
17.	Dr. Sujata Patwardhan	Department of Urology
18.	Dr. Bhavna Mhatre	Department of PT
19.	Dr.Rajul Ketan Daftary	Department of OT

Department Development Fund [DDF]

- Patient Care: The trust is set up to aid & 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 equipment & instruments and to attend to and take of the patients.
- Educational activities:
 - o Microbiology: 518th Teaching Pathologist and Microbiologist conference on 21st April 2023 at KEM Hospital.
 - o Pathology: 518th Teaching Pathologists conference.
 - o Bio-chemistry: Third Certificate Course in Clinical Laboratory Practices from 22nd August to 24th August 2023.
 - o Nephrology: Workshop on POCUS on 21st October 2023.
 - o Cardiac Anesthesia: Workshop on POCUS on 21st and 22nd October 2023
 - o Clinical Pharmacology: Rs.62,000/- for annual report 2023 through DDF General Fund.
- Research:
 - o Trust has received donations for research projects of following departments & these are ongoing.

Sr. No	Department	Project Name	Sponsors Name
1	Gastroenterology	A Prospective, Multi-Centre, Double -blind, Randomized Trial of Saroglitazar 4 mg versus Placebo in patients with Non-Alcoholic Steatohepatitis".	Cadila Health Care Ltd
2.	Ophthalmology	PSV-FAI-005-"A multi-center, controlled, safety and efficacy study of a fluocinolone acetonide intravitreal (FAI) insert in subjects with chronic non-infectious uveitis affecting the posterior segment of the	Eye point Pharmaceuticals Inc.
3.	Endocrinology	"Effect and safety of semaglutide once-weekly versus insulin aspart three times daily, both as add on to metformin and optimized insulin glargine (U100) in subjects with type 2 diabetes. Trial ID: NN9535-4386.	Novo Nordisk India Pvt. Ltd

Sr. No	Department	Project Name	Sponsors Name
4.	Hematology	Safety of turoctocog alfa for prophylaxis and treatment of bleeding episodes in previously treated patients with moderate or severe Haemophilia A in India. (Protocol ID: NN7008-4304)	Novo Nordisk India Pvt. Ltd
5.	Clinical Pharmacology	Study for "Evaluation of Genetic polymorphism of CYP3A5 in normal healthy participants of Western India-a cross sectional study".	N/A
6.	Gastroenterology	Phase III, Randomized, Double-blind, Placebo-controlled, multicenter study to evaluate the efficacy and safety of Eytolizumab compared with moderate to severe active Ulcerative Colitis who are naïve to TNF inhibitors.	Genentech
7.	Gastroenterology	"An open extension and safety monitoring study of moderate to severe ulcerative colitis patients previously enrolled in etrolizumab phase II/III studies".	Genentech
8.	Clinical Pharmacology	"Efficacy and safety of Gut Gard in patients with gastro-esophageal reflux disease (GERD) -A Phase III, single Centre, double-blind, parallel group, randomized placebo-controlled trial".	Natural Remedies Pvt. Ltd
9.	Endocrinology	Study for Range of salivary cortisol and Overnight dexamethas one suppressed serum and salivary cortisol in chronic renal failure patients.	N/A
10.	Endocrinology	Prevalence of primary aldosterone's in patients with type 2 diabetes mellitus and hypertension.	
11.	Medicine and Clinical Pharmacology	"A Multi -Centric, Open label, Two Arm Randomized, Pivotal Phase 2 Trial to study the efficacy and safety of Itolizumab in COVID -19 Complications".	Biocon Biologics India Ltd.
12.	Nephrology (AKD)	"Flow-effect of semaglutide versus placebo on the progression of renal impairment in subject with type 2 diabetes and chronic kidney disease.	Novo Nordisk
13.	Nephrology	Project for "Randomized Control trial to compare effects of Atenolol vs Telmisartan in hemodialysis patients with uncontrolled hypertension.	N/A
14.	Nephrology	Project for Humoral Response to SARS-coV vaccination in Indian Kidney Transplant recipients. [EC/OA-29/2022].	N/A
15.	Nephrology	Randomized Control Trial to compare effect of Atenolol vs Telmisartan in hemodialysis patients with uncontrolled hypertension and utilization of funds for payment of trial insurance company. (The New India Insurance Co. Ltd.) of Rs.1,12,218/-.	
16.	Clinical Pharmacology	Project for "Bloodstream Infection study"	Leonard-Meron Biosciences.
17.	Endocrinology	Project for "A 52 -week study comparing the efficacy and safety of one once weekly IcoSea and once weekly, insulin icodec, both treatment arms with or without oral anti-diabetic drugs, in participants with type 2 diabetes inadequately controlled with dail basa; insulin.	Novo Nordisk Pvt. Ltd
18.	Clinical Pharmacology	Project for "A Phase 3, randomized, observer-blind, placebo-controlled, multi-center study to evaluate the immune response and safety of the Herpes Zoster submit vaccine when administered intramuscularly on a 2-dose schedule in adults aged 50 years and older in India".	GSK India
19.	Ophthalmology	"A Comparative, Double -Blind, Randomized, Multicenter,Phase III study to compare the study & efficacy of ENZ105 of Enzene Biosciences Ltd with Innovator Rambizumab in subject with Neovascular (Wet) Age related Macular Degeneration (AMD)	Alkem Laboratories Ltd
20.	CVTS	Clinical Investigation for the Foldax TRIA Aortic Heart Value.	Foldax India Pvt. Ltd
21.	Clinical Pharmacology	"Bloodstream Infection study"	Leonard-Meron Biosciences. CRO -Biorasai
22.	Nephrology	Ovarian Dysfunction in Lupus Nephritis.	No Doner
23.	Gastroenterology	A study gonadal function in male Budd Chiari syndrome (BCS) patients before and after appropriate therapy.	Departmental use

Sr. No	Department	Project Name	Sponsors Name
24	Nephrology	Project for “Randomised control trial to study the safety and efficacy of dual blockade of Renin Angiotensin Aldosterone System in Primary Glomerular disease.”	<i>No Doner</i>
24	Clinical Pharmacology:	Project for “Lanalumab ITP Study”.	<i>Novartis Healthcare Pvt.Ltd</i>
25	Clinical Pharmacology	Project for “Luspatercept study”.	<i>Bristol-Myere Squibb Company</i>
26	Clinical Pharmacology:	Project for” Safety, efficacy an exposure of subcutaneously administered NNCO365-3769 (Mim 8) Prophylaxis in children with Hemophilia A with or without factor VIII inhibitors (Frontier 3).	<i>Novartis Healthcare Pvt. Ltd</i>
27	Clinical Pharmacology:	“Human Normal Immunoglobulin (IVIg) in Chronic ITP Study”.	<i>Intas Pharmaceuticals Ltd</i>
28	Obst-Gynecology	“MC/PLX/22-002 An open Label, Randomized, Prospective, Multicentric Clinical Trial to Evaluate the efficacy and safety of Parenteral Placentrex with oral Azithromycin vs oral Azithromycin alone in chronic and Recurrent pelviv inflammatory Disease.	<i>Albert David Limited</i>
29	Paediatric-Anaesthesia	Swaddle Vs Swaddle with Oral Melatonin for MRI in Neonates an Infants -A prospective Randomized Control Study.	<i>Departmental Use</i>

- o Other institutional activities funded through DDF General Fund.:
 - o Foundation Day function of Rs.20,000/-
 - o Regional Resource Centre: Renewal of Purchase Web –based Video conferencing licensed software (CISCO WEBEX- 2 year).
 - o Gosumec Alumni Association: Contribution to renewal of Remotex software of Rs.32,634/- .
 - o Purchase of Projector and Screen for Lecture Theater II..
 - o Staff Society: 20% Contribution to renewal KEM Website & social media (Instagram, You Tube and Linked in accounts).
 - o *Laying Optical fiber & connectivity to all Dept. in KEM Hospital premises of Rs.78,85,472/-.*
 - o Added Rs.25,000/- to Dean Contingency funds.
 - o Rs.62,000/- for printing and publication of KEM annual report.

Donation and Grants

Sr. No	Name	Income Donation/Grants
1.	Patient Care	--
2.	Research	64,01,716.00
3.	Training Programs/workshop	10,39,600.00
4.	Awards	8,480.00

Functioning of Committee

Following work has been by DDF from 1st January 2023 to December 2023

- Total Twelve meetings held throughout the year.
- Eleven projects are currently ongoing (details under Research).
- Provided internet connection to several Departments (e. g. Dean, Dean Residence,
- PA to Dean, Student Section, Nurses Home, Superior Establishment) AE (M&E).

Contact Information

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Department of Medical Education [DOME]

Department of Medical Education has been recognized by NMC as GSMC-KEMH-NMC Nodal Centre to conduct the Revised Basic and Advance Courses in MET. It is also recognized by FAIMER, Philadelphia as a Centre for its Regional Institute (GSMC-FAIMER Regional Institute).

- Courses conducted at the GSMC-KEMH-NMC Nodal Centre
 - o Basic Course in Medical Education
 - o 1st Basic Course in Medical Education for full time Teaching faculty of In-house and allocated medical colleges
 “1st Basic Course in Medical Education for Full Time Teaching faculty of in-house and allocated medical colleges” was conducted by the GSMC- KEMH-NMC Nodal Centre from 5th – 7th June 2023.
 The participants were from Seth GS Medical College & KEM Hospital and faculty of colleges affiliated to GSMC KEMH Nodal centre. A total of 29 participants attended.
 The designations were as follows:
 - o Professor – 8
 - o Professor (Addl.) – 4
 - o Associate Professor – 6
 - o Assistant Professor – 11
 - o 2nd Basic Course in Medical Education for MEU resource faculty/Curriculum Committee members only of allocated medical colleges
 “2nd Basic Course in Medical Education for MEU resource faculty/Curriculum Committee members for allocated medical colleges” was conducted by the GSMC- KEMH-NMC Nodal Centre from 7th – 9th Aug 2023.
 The participants were from affiliated to GSMC KEMH Nodal centre. A total of 30 participants attended.
 The designations were as follows:
 - o Professor – 12
 - o Professor (Addl.) – 0
 - o Associate Professor – 10
 - o Assistant Professor – 8
 - o 3rd Basic Course in Medical Education for in-house full time teaching faculty of Seth GS Medical College & KEM Hospital
 “3rd Basic Course in Medical Education for in-house full time teaching faculty of Seth GS Medical College and KEM Hospital was conducted by the GSMC- KEMH-NMC Nodal Centre from 22nd – 24th Aug. 2023.
 The participants were from Seth GS Medical College & KEM Hospital only. A total of 30 participants attended.
 The designations were as follows:
 - o Professor – 5
 - o Professor (Addl.) – 3
 - o Associate Professor – 7
 - o Assistant Professor – 15
 - o 4th Basic Course in Medical Education for MEU resource faculty/Curriculum Committee members of allocated medical colleges
 “4th Basic Course in Medical Education for MEU resource faculty/Curriculum Committee members was conducted by the GSMC- KEMH-NMC Nodal Centre from 26th – 28th Oct. 2023.
 The participants were from affiliated to GSMC KEMH Nodal centre. A total of 30 participants attended.
 The designations were as follows:
 - o Professor – 11
 - o Professor (Addl.) – 0
 - o Associate Professor – 10
 - o Assistant Professor – 9
 - o Curriculum Implementation Support Program
 - o 1st Curriculum Implementation Support Program for full time teaching faculty of allocated medical colleges
 1st Curriculum Implementation Support program for faculty of allocated medical colleges was conducted by the GSMC-KEMH-NMC Nodal Centre from 26th – 27th June 2023. The participants were from affiliated to GSMC KEMH Nodal centre. A total of 30 participants attended.
 The designations were as follows:
 - o Professor – 15

- o Professor (Addl.) – 0
 - o Associate Professor – 3
 - o Assistant Professor – 12
 - o 2nd Curriculum Implementation Support Program for full time teaching faculty of allocated medical colleges
- 2nd Curriculum Implementation Support program for faculty of allocated medical colleges was conducted by the GSMC-KEMH-NMC Nodal Centre from 11th – 12th July 2023. The participants were from affiliated to GSMC KEMH Nodal centre. A total of 30 participants attended.

The designations were as follows:

- o Professor – 17
 - o Professor (Addl.) – 0
 - o Associate Professor – 10
 - o Assistant Professor – 3
- Basic Course in Medical Education (BCME) workshops conducted at the institutions affiliated to the GSMC KEMH NMC Nodal Centre with Observers from our Institute.

Sr. No.	Name of Institute	Dates
1.	Hinduhridaysamrat Balasaheb Thackeray Medical College & Dr R N Cooper Municipal Hospital, Juhu, Mumbai-400056	8 th – 10 th August 2023
2.	Dr.D.Y.Patil Medical College Nerul, Navi- Mumbai	17 th – 19 th August 2023
3.	LTMMC & LTMGH, RB2 Central Railway Quarters, Dr.BA Rd, Sion West, Mumbai-22	22 nd – 24 th August 2023
4.	Symbiosis Medical College for Women, Lavale, Pune	13 th – 15 th Sept.2023
5.	Bharatratna Atalbihari Vajpayee Medical College & Hospital, Pune	25 th -27 th Sept.2023
6.	Topiwala National Medical College & BYL Nair Ch Hospital, Mumbai	18 th -20 th Oct.2023
7.	MGM Medical College & Hospital, Kamothe, Sector – 1, Navi Mumbai – 410 209	6 th -8 th Dec.2023
8.	Rajiv Gandhi Medical College and CSM Hospital, Kalwa, Thane	12 th -14 th Dec.2023

- 13th Advance Course in Medical Education
- o The “Thirteenth Advance Course in Medical Education” was conducted by the GSMC- KEMH-NMC Nodal Centre from 17th July 2023 to 24th July 2023. There were two old batches in 13th Advance Course: 2021A & 2020B batch and the newly joined 2023B.

2023B: The designations of the participants were as follows:

- o Dean - 0
- o Professor & Head –
- o Professor – 16
- o Associate Professor - 11
- o Assistant Professor – 3

2021A Batch: The participants registered in 2021A batch were from the medical institutions in Maharashtra and Gujarat. A total of 26 participants had attended 2nd Contact session. Of these, 9 were from Mumbai, 9 from Pune, 2 from Nashik, 2 from Palghar, 1 from Dhule, 2 from Kolhapur and 1 from Aurangabad.

The designations of the participants were as follows:

- o Professor & Head - 11
- o Professor – 0
- o Associate Professor – 12
- o Assistant Professor - 3

2020B Batch: The participants registered in 2020B batch were from the medical institutions in Maharashtra and Gujarat. A total of 6 participants had attended 2nd Contact session. Of these, 2 were from Mumbai and 4 from Pune.

The designations of the participants were as follows:

- o Professor & Head - 0
- o Professor – 2
- o Associate Professor – 3
- o Assistant Professor - 1

- GSMC FAIMER REGIONAL INSTITUTE - Under Department of Medical Education

The Eighteenth GSMC FAIMER Regional Institute programme was conducted at Seth GS Medical College & KEMH, Mumbai from 17th April to 23rd April 2023. A total of sixteen fellows from all over India and Malaysia participated in

the programme. Dr. Sucheta Dandekar, the Quality Assurance Committee (QAC) member for GSMC FRI and Chief Guest Dr. Sangeeta Ravat, Dean GSMC, inaugurated the programme. The programme module consisted of different sessions.

The following sessions were conducted by faculty from GSMC with co-faculty from other institutions for some of the sessions:

The following sessions were conducted by faculty from GSMC with co-faculty from other institutions for some of the sessions:

- o Starting the Journey
- o Team Building
- o FRI overview and consent & FAIMER Connect
- o Understanding your leadership styles
- o Curriculum Design
- o Qualitative research
- o How to do a survey
- o Difficult Conversations
- o Effective Teaching and Learning
- o Student assessment -an Overview
- o Skills for Change Agent
- o Assessment (CBME)- Tools for WPBA
- o Overview of planning-ml web and Re-entry briefing
- o Complete PME workbook
- o ML Web
- o Accreditation Overview
- o Abstract writing and Politics of publishing
- o Managing Monkey
- o Leadership- Sustaining Change
- o Learning circles

There was an interactive poster session of 2022 and 2023 batches.

Workshops conducted:

Dr. Munira Hirkani and Dr. Praveen B Iyer conducted workshop on Self-directed learning and Formative assessment for faculty of GSMC & KEMH in workshop title Harnessing Digital Resources to implement the new CBME on 4-5th October 2023 and other resource faculty members of DOME attended.

Publications and Copyrights:

- Hirkani MA. The McNamara fallacy in medical education: Spot it, stop it. J Postgrad Med 2022
- Hirkani, M. (2023). Book Review: Toolbox for Assessment of Clinical Competence. Research and Humanities in Medical Education, 10, 25–27
- COPYRIGHT Registered: Evaluation tool for implementation process of foundation course in CBME. Dr Anita Chalak, Dr Yogesh Pawade and Dr Shivaji Chalak. ROC Number: L-129729/2023. Dated 14/07/2023
- COPYRIGHT Registered: The Criteria based on teaching hours and clinical significance for weightage calculation of content areas in CBME. Dr Yogesh Pawade, Anita Chalak and Dipti Pawade. ROC Number: L-121993/2023. Dated 22/05/2023
- A Questionnaire Based Study on Perceptions, Attitudes and Need Assessment Regarding Geriatric Healthcare Among Geriatric Out-Patients at a Tertiary Care Hospital in India. Salagre S, Kundawar A, Ukarde A, Dandekar A, Machave A, Chandak N, Srivastava P, Deshpande S, Dhanjitaa S, Karandekar V.J Assoc Physicians India. 2023 Apr;71(4):11-12. doi: 10.5005/japi-11001-0232. PMID: 37355790
- Factor structure of the Jefferson Scale for Empathy among medical undergraduates from South India. Praharaj SK, Salagre S, Sharma PSVN. Indian J Psychiatry. 2023 Jul; 65(7):755-759. doi: 10.4103/indianjpsychiatry_385_23. Epub 2023 Jul 12. PMID: 37645364

Book Chapters

- Santosh B Salagre. Bioethics and Professionalism for physicians *Medicine Update 2023* by API

Diamond Jubilee Society Trust [DJST]

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 2022 - 2025.

Managing Trustee: Dr. Sangeeta Ravat, Dean, Seth GS Medical College & KEM Hospital

Hon. Secretary: Dr. Neena Sawant, *Hon. Treasurer:* Dr. Aparna Deshpande, *Trustees:* Dr. Sujata Patwardhan, Dr. Sandhya Kamat, Dr. Lona Dash, Dr. Anuradha Sovani, *Advisor:* Dr. RD Bapat, Dr. Lopa Mehta, Dr. Ravi Ramakantan, Mr. Sreenivas Nagappa.

Activities of the trust

Diamond Jubilee Society Trust was able to collect Rs.5,16,82,101/- of donations in the year (January 2023- December 2023) inclusive of Foreign donations of Rs.58,16,326/- and Government Research Grant of Rs.3,72,03,372/- The donations are being used for the purpose stated by the donors. In addition, the trust undertakes following activities:

Patient care

- Patient education programs of Patient Education Cell were supported.
- A Donation of Rs. 13,41,571/- was donated by ReSurge International towards needy patients of post burn contractures & provide financial help for reconstruction surgery for plastic surgery department.
- A donation of Rs. 10,00,000/- was donated by National Health Mission (NHM) for factor FEIBA injection for Hemophilia Patients for Hematology Department.

Medical education

- The students who have excelled in their academic career were awarded prizes and scholarships by the trust. Funds for this purpose have been donated by the graduates, postgraduates and teachers of the institute.
- Financial support of Rs. 1,99,999/- was extended for 9 research projects undertaken by the postgraduate students & Rs. 3,90,000/- for 8 research projects undertaken by the Faculty members.
- GOSUMEC Foundation, USA Research/ Innovation Scholarship was awarded to the following undergraduate students for their meritorious research work :
- Dr. Dhruve Soni – DM Resident (II year) in Department of Clinical Pharmacology for presenting the paper, “Assessment of factors that motivate participants to take part in a COVID-19 vaccine study” at 22nd Forum for Ethics Review committee in the Asian and Western Pacific region (FERCAP) international conference held at Daegu city, South Korea

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

Donation received for instituting award

- A additional donation of Rs.5,00,000/- was accepted from Dr. Anil Sheth towards instituting awards in memory of their father late Dr. U K Sheth for Securing highest marks in medicine.
- A additional donation of Rs. 5,00,000/- was accepted from Ms. Sujata Chawda towards instituting awards in the memory of her mother late “Dr. Parimala Subramaniam” for Best Resident in Department of PSM.
- 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
- Cultural events organized by the undergraduate students like *Advait* (Marathi drama competition)

Donations were accepted for the following Faculty development programmes

- CME in collaboration with Indian college of Anesthesiology on Update in Orthopedic Anesthesia held on 30th July 2023 conducted by Department of Anesthesiology
- Live Operative Laser workshop held on 17th June 2023 conducted by Department of General Surgery
- Online GCP workshop for Ethics Committee members & research staff of National Burns Centre, Airoli held on 8th June 2023 conducted by Department of Pharmacology & Therapeutics.
- Online GCP, ICMR 2017 Guidelines and New Drugs & Clinical Trial Rules 2019 workshop for The Humsafar trust-IRB, Internal Ethics Committee, Santacruz held on 26th August, 2023 conducted by Department of Pharmacology & Therapeutics.
- Online GCP, ICMR 2017 Guidelines and New Drugs & Clinical Trial Rules 2019 workshop for The Tata Institute of Social Science (TISS), Deonar held on 25th October, 2023 conducted by Department of Pharmacology & Therapeutics.
- Cochlear Implant Training workshop with the ROTTO SOTTO department held on 18th May, 2023 conducted by Department of ENT
- Temporal Bone Dissection workshop with the ROTTO SOTTO department held on 7th September, 2023 & 21st November, 2023 conducted by Department of ENT.
- Annual Temporal Bone Dissection workshop with Anatomy department held on 1st October, 2023 conducted by Department of ENT
- CPR Training workshop for department of Physiotherapy 4th year students held on 20th January, 2023 conducted by Department of Anesthesiology.
- CPR Training workshop for department of Physiotherapy Interns held on 3rd February 2023 conducted by Department of Anesthesiology.
- CPR (BLS) Training workshop for final year Physiotherapy residents from Terana Medical College held on 6th February 2023 conducted by Department of Anesthesiology.
- CPR (ACLS) Training workshop for department of General Surgery Residents held on 7th February 2023 conducted by Department of Anesthesiology.
- CPR Training workshop for KEM Nursing students and Faculty held on 10th February 2023 conducted by Department of Anesthesiology.
- CPR Training workshop for Skin and Clinical Pharmacology residents and faculty held on 10th January 2023 conducted by Department of Anesthesiology.
- CPR (BLS) Training workshop for KEM Physiotherapy residents held on 20th January 2023 conducted by Department of Anesthesiology.
- ACLS workshop for first year Residents of Gynecology department held on 22nd June 2023 conducted by Department of Anesthesiology.
- A Hands & Face Transplant, Hands-on Cadaver workshop in the ROTTO-SOTTO Cadaver OT held on 12th April 2023 conducted by Department of Plastic Surgery.
- A Live Operative workshop on hand surgery held on 11th & 12th August 2023 conducted by Department of Plastic Surgery.
- Hands-on Cadaver Hands & Face Transplant workshop in Surgical Skills laboratory at TNMC and BYL Nair Hospital held on 30th July, 2023 conducted by Department of Plastic Surgery.
- Online workshop PHARMATECH 2023 held on 2nd to 19th August, 2023 conducted by Department of Pharmacology & Therapeutics.
- Blend Version 2.0 KEM-SS preparation: CME” held on 15th to 18th May, 2023 conducted by Department of General Surgery.
- 18th GSMC FAIMER Regional Institute 2023 program held on 17th to 23rd April, 2023 conducted by Department of Medical Education.
- Basic Course in Medical Education (BCME) workshop held on 5th to 7th June, 2023 conducted by Department of Medical Education.
- Curriculum Implementation Support Program (CISP III) workshop held on 26th to 27th June, 2023 conducted by Department of Medical Education.
- Curriculum Implementation Support Program (CISP III) workshop held on 11th to 12th July, 2023 conducted by Department of Medical Education.
- 13th Advance Course in Medical education (ACME) workshop held on 17th to 24th July, 2023 conducted by Department of Medical Education.
- Basic Course in Medical Education (BCME) workshop held on 7th to 9th August, 2023 conducted by Department of

Medical Education.

- Basic Course in Medical Education (BCME) workshop held on 22nd to 24th August, 2023 conducted by Department of Medical Education.
- Basic Course in Medical Education (BCME) workshop held on 26th to 28th October 2023 conducted by Department of Medical Education.
- Harnessing Digital Recourses to Implement New Competency Based MBBS Curriculum workshop held on 4th to 5th October, 2023 conducted by Department of Medical Education.
- Resident as Teacher - Research Methodology workshop held on 17th to 18th January 2023 conducted by Department of Obstetrics & Gynecology.
- KEM Orthopedic PG training course held on 6th to 8th April 2023 conducted by Department of Orthopedics
- Elbow course 2023 held on 16th to 18th June 2023 conducted by Department of Orthopedics
- Observation training programme of FBNC project at RCC-KEMH held in year 2022-2023 conducted by Department of Neonatology.
- Cadaveric Workshop on Liver resections held on 23rd to 25th February, 2023 conducted by Department of GI Sugery.

Medical Research

- The Trust has received donations (Rs. 88,57,692/-) for research projects undertaken by various departments. In addition, it received funds from Government organizations towards research projects (Rs. 3,72,03,372/-)

Publication

- Annual Report of Seth GS Medical College & KEM Hospital-2023 was supported by 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.

- Institutional activities and functions (ORACON)
- Maintenance of front lawn and garden in the KEM campus.
- Support for welfare activities of the institutional members (Women Development Committee)
- Financial Support of Rs. 26,107- to develop Remotex software of the Institute
- Financial support of Rs.50,000/- for the 'Confluence 2023'
- Financial support of Rs. 1,69,621/- for Patient Education Cell

Dr. Manu VL Kothari & Division of Medical Humanities

- The 8th Foundation Day of Dr. Manu VL Kothari Chair of Medical Humanities was commemorated on 23rd January 2023, in an online mode with an oration by Dr. Sunil K Pandya on the topic 'Radiological imaging with a difference'.
- Gender & Health online certificate course was conducted between 10/06/2023 and 23/09/2023. There were 20 sessions and 30 participants.
- ASCENSION –A step above, the annual conference of the Chair and Division was organized on 18th and 19th August, 2023. Keynote address 'The Making of an Indian Medical Graduate' was delivered by Dr. Praveen Iyer. The conference included panel discussion on 'Clinical Ethics Committees: Are they required?' Dr. Vinita Salvi, Dr. Anahita Chauhan, Dr. Yashashree Shetty and Ms. Neha Madhiwala were the panelists. It was moderated by Dr. Yash Kamat.

Ascension Orations:

- The Art of Classroom Teaching: A Short Guide; Dr. Niteen Karnik
- The Art of Teaching by the Bedside: Dr. Anahita Chauhan
- Life beyond Medicine: Living Holistically as a Medical Professional: Dr. Vinita Puri
- Understanding the CPA for the Future Clinician: Dr. Suganthi Iyer
- Ascension Workshops: Indian Sign language Self Defence for Doctors
- Ascension Competitions and Winners:
 - o Symphony – S Sarkar, A. Mandan
 - o Battle of the Bands- T Singh, D Kapil
 - o Corpus Callosum- A Thakkar, C Bhanushali
 - o Extempore competition- V Savant, B Parekh
 - o Nritya Abhay best troupe & Dancer- D Khandelwal, S Band

Prizes were given to students from Dr. Manu VL Kothari Chair & Division of Medical Humanities Fund.

- Reunions of past students of Seth GS Medical College are being conducted in an online mode in collaboration with the Gossamer Alumni Association. Until now, 23 batches have participated and shared their reminiscences.
- Reflections on Medical Humanities: "Literature & Medicine", Year 2022 volume of the annual publication was released by Dr. Sangeeta Ravat, Dean on 1st September 2023.
- 'Manusmriti' is an annual program organized in the loving memory of Dr. Manu VL Kothari. Manusmriti oration was delivered by Dr. Philip Abraham on the topic 'The Practice of Medicine: Science, Art or Both?'

GOSUMEC Alumni Association

Objectives of the Association

The aims and objectives of the Association are

- To promote and advance medical and allied sciences in all their different branches
- To promote public health and continuing medical education
- To promote sports especially amongst the medical fraternity

The office bearers and managing committee members of Gosumec Alumni Association for the year 2023-2025 are as follows:

Office Bearers:

President- Dr. Sangeeta Ravat Dean (G&K)

Vice Presidents - Dr. Sharad Gogate & Dr. Nitin Dange

Hon. Secretaries - Dr. Ram Prabhoo & Dr. Ravindra Deokar

Hon. Jt. Secretaries - Dr. Gita Nataraj & Dr. Ujwal Rathod

Hon. Treasurer - Dr. Shilpa Adarkar

Managing Committee members

Dr. Padmaja Samant, Dr. Dhangaure Shenvi, Dr. Nithya Gogtay, Dr. Aparna Deshpande, Dr. Kanchan Kothari, Dr. Dhaval Patil, Dr. Lopa Mehta, Dr. Malini Nadkarni, Dr. NN Rege, Dr. Manjula Sarkar, Dr. Janak Shah, Dr. Mahesh Abhyankar, Dr. Ajay Tilwe, Dr. Sunil Puntambekar, Dr. Vaibhav Dedhia, Dr. Upendra Bhalerao, Dr. Armaandeeep Singh Aulakh, Dr. Parth Gada and Dr. Abhijeet Nakave

Activities

- Online/Physical Managing Committee Meetings were held on 13/04/2023, 1/07/2023, 22/8/2023, 10/11/2023
- Presently, the association has 5555 members.
- The period January 2023 to Dec 2023, saw an addition of 179 life members, 3 online life members & 3 patron members.

Donations Received –

- Rs. 2,00,000/- received from Dr. Bharatkumar Bindra
- Rs. 6,00,000/- received from Mrs. Rekha Mehta on behalf of Dr. Mohini Gehani
- Rs. 50,000/- received from Dr. Vaibhav Ganjewar
- Rs. 9,69,185/- received from Shailaja Asave
- Rs. 5,23,148/- received from Sharad Korgaonkar
- Rs. 1,00,000/- received from Dr. Snehalata Dhyayagude

Students' support :

- Dr. S Korgaonkar Scholarship was awarded to four students. (Vinayak Godbole (IIIrd major) Rs. 51,500/-, Chirag Agrawal (IIIrd minor) Rs. 103,023/-, Ayush Mishra (IIInd yr) Rs. 91,125/- and Ayush Nayak (Ist yr) Rs. 133,050/- respectively.
- Dr. KT Gajjar scholarship- Rs. 60,000/- was awarded to Seema Mande- III year MBBS
- Dr. KT Gajjar financial assistance for needy students: Rs. 60,000/- divided among 6 needy students.
- Financial assistance was disbursed to 45 students who have received support of Rs. 10,000/- each, One student has received Rs. 5000/- and one has received Rs. 91,125/- as a special case through donations received from Rekha Mehta, Dr. Chetan Duggal, Dr. Kailash Pawar, 1987 batch donation funds for a total of Rs. 5,46,125/-
- Indira Foundation's Motivation for Excellence Scholarships was awarded to the following students:
 - o Rs. 86,600/- awarded to Pratibha Janagonda
 - o Rs. 47,600/- each awarded to Flinta Rodrigues & Rohan Bahir
 - o Rs. 94,400/- awarded to Hema Chauhan
 - o Rs. 18,400/- each awarded to Rucha Palkritwar & Alisha A Sayyad
 - o Rs. 1,07,600/- awarded to Shivam Shukla- I MBBS

- o Rs. 48750/- each given to Shubha Valecha & Janhavi Lad -I MBBS
- o Rs. 47600/- each given to Pratibha Janagonda, Flinta Rodrigues & Rohan Bahir
- o Rs. 94400/- awarded to Hema Chauhan
- o Rs. 15650/- each awarded to Rucha Palkritwar & Alisha A Sayyad

Social Activities:

- International women's day 2023 was celebrated at UHTC Malvan on 8/3/2023. 30 beneficiaries participated in the programme (Rs. 575/-).
- National Nutrition week 2023 was celebrated at UHTC Malvan & GOPD on 11/9/2023, 13/9/2023, 15/9/2023 to 16/9/2023. 335 beneficiaries participated in the programme. (Rs. 4171/-)
- Geriatric day was celebrated at UHTC Malvan on 25/10/2023. 26 beneficiaries in the programme. (Rs. 2000/-)

Social and extracurricular activities:

- Renewal of RemoteXs services to 1000 users of GSMC & KEMH. The contribution was shared by GAA, DDF & DJST.
- GAA spent Rs. 1,88,328/- towards purchase iSLIM Software for Library management.
- GAA donated Rs. 86,140/- as part contribution for KEM Website & Social Media
- GAA sanctioned fund for Rs. 60,000/- for printing & publication of the Annual report 2023.
- Boys common room refurbishment expenses Rs. 200,000/-

Awards & Honors:

The Dr. R B Redkar Memorial awardees for the year who were felicitated on foundation day (21/1/2023) for their commendable work included Dr. Rajesh Turekar- (AMO), Mr. Sandeep Kelaskar & Mrs Aruna Kate- (Hospital office Administration) & Ms Dipali Kokare (College Office Administration)

Dr. A N Supe Best Published Paper awardees of 2022

- Dr. Paresh Koli -Dept. of Pharmacology
- Dr. Swapna Kanade- Dept of Microbiology
- Dr. Tushar Rathod- Dept of Orthopedics
- Dr. Mudita Arora- Dept of Pediatrics
- Dr. Nitin Ramani- Dept of Gastroenterology
- Dr. Srijan Singh- Dept of Neonatology
- Dr. Suprabhat Giri- Dept of Gastroenterology
- Dr. Mahanjit Kaur- Dept of Clinical Pharmacology

Cultural Activity:

- Dinner for alumni & staff members was organized with entertainment to celebrate the Foundation Day on 21st January 2023.

Scientific Activity:

- Dr. Janak Shah Oration (2 September 2023) was delivered by Dr. Shashi Kapoor on "Refractive surgery: 1990-2023". Chairperson: Dr. Avinash Ingole

Seth G.S. Medical College & KEM Hospital

Dr. Manu VL Kothari chair & Division of medical humanities:

Series of programs were conducted online.

- The 8th Foundation Day of Dr. Manu VL Kothari Chair of Medical Humanities was commemorated on 23rd January 2023 in an online mode with an oration by Dr. Sunil K Pandya on the topic 'Radiological imaging with a difference'.
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GSMC MUHS International Bioethics Unit

GSMC MUHS International Steering Committee Members 2022- 24:

Sr. No.	Name	Unit Affiliation	Designation	Email ID/ contact number
1	Dr. Sangeeta Ravat	Chairperson	Dean	deangsmc@kem.edu
2.	Dr. Harish Pathak	Co-chairperson	Academic Dean	drhp68@gmail.com
3.	Dr Padmaja Mavani	Head, Bioethics Unit	Obstetrics and Gynecology	padmaja_mavani@yahoo.co.in 9869066586
4.	Dr. Yashashri Shetty	Head, Steering Committee & Editor	Pharmacology and Therapeutics	yashashrirajit@gmail.com 9869193041/9920069601
5.	Dr Usha Kasar	Secretary	Occupational Therapy	ushabhohne@gmail.com 9323701389
6.	Dr Jyotsna Thosar	Treasurer	Physiotherapy	jyotsnathosar@rediffmail.com 9821066016
7.	Dr Praveen B Iyer	Member	Anatomy	pbi1977@gmail.com 9892859202
8.	Dr Deepika Sadawarte	Member	Community Medicine	ameyadeep7@gmail.com 9869488693
9.	Dr Varsha Kulkarni	Member	General Surgery	dr_varshak@yahoo.com 9869332447
10.	Dr Santosh Salagre	Member	Medicine	aaplasantosh@gmail.com 9869273662
11.	Dr Priyanka Prasad	Member	Microbiology	priyanka1975@gmail.com 9930923115
12.	Sister Vaishali Chavan	Member	Nursing	vaishalighchavan@rediffmail.com 9892143822
13.	Sister Aarya Deshmukh	Member	Nursing	anveearya@gmail.com 7798325988
14.	Brother Ravindra Markad	Member	Nursing	ravindramarkad@gmail.com 7208608070
15.	Dr Anjali Telang	Member	Anatomy	dranatelang@gmail.com 8956564402
16.	Dr Kanchan Kothari	Member	Pathology	kanchankothari@hotmail.com 9820056313
17.	Dr Venkatesh Rathod	Member	Physiology	venkateshrathod23@gmail.com 9423472580
18	Dr. Mariya Jiandani	Member	Physiotherapy	mpjiandani@gmail.com 9820191106

Sr No	Name of the Student
1	Paras Arora
2	Vaibhavi Tapade
3	Vaishnavi Miskin
4	Alisha Sayyad
5	Dikshant Degloorkar
6	Mansi Goud
7	Vineet Chandak
8	Samridhhi Narayan
9	Dheer Porwal
10	Danish Memon

Sr No	Name of the Student
11	Piyush Shinde
12	Jidnyasa Gaikwad
13	Jiya Dubey
14	Shama Siddiki
15	Yashwant Waghmare -
16	Arya Sarang
17	Drashti Gala
18	Kinjal Lapasiya
19	Anusha Kapileshwar
20	Yashvi Gogri

Sr No	Name of the Student
21	Anushree Somanathan
22	Akash Joshi
23	Rutuja Bhoir
24	Priyanka Bunde
25	Sampada Sawant
26	Pooja Hajare
27	Neha Yadav
28	Swapnali Hile
29	Santoshi Vanve
30	Poonam Kadam

- WORLD BIOETHICS DAY CELEBRATIONS 2023: on 19th October, 2023. As a part of World Bioethics Day Celebration 2023, various competitions.
- The main event was on the theme 'Protecting Future Generations'.
- The annual bulletin of the Bioethics Unit 'Inarch 2023' was released.
- Dr Gita Nataraj, Professor Emeritus & Ex Head of the Department, Department of Microbiology, Seth GSMC & KEMH shared her thoughts on 'Bio-medical Waste Management and Green sustainability – A dream or reality?'.
- Advocate Girish Raut, Convener- Save Life & Save Earth Movement spoke on Environment- saving for future generation, Advocate Raut stressed on how the overuse and disuse of natural resources, the current developments programs and its impact on nature's (Mother Earth's) normal cycles.
- Dr Kanchan Kothari, Web Coordinator, GSMC MUHS International Chair Bioethics Unit announced results of various competitions

Hospital Infection Control Committee [HICC]

Members

- Dean (G & K), Dr. Sangeeta Ravat - Chairperson
- Prof. and Head, Microbiology, Dr. Chaya. A. Kumar – Convenor
- Prof., Microbiology, Dr. Gita Nataraj – Secretary
- Assistant Professor, Microbiology, Dr. Shreeraj Talwadekar – Infection Control Officer
- DD I/DD II
- Prof. and Head - Anaesthesia, Chest Medicine, CVTS, ENT, General Surgery, Medicine, Neonatology, Nephrology, Neurosurgery, Ophthalmology, Pathology, Pediatric Surgery, Plastic Surgery, Urology
- Professors – Community Medicine, Paediatrics, Pathology, Pharmacology
- Associate Professors – OBGY, Orthopaedics, Microbiology
- Assistant Professor – Cardiology
- Matron, Assistant Matron, Infection Control Nurse, Superintendent of Pharmacy, A.E (M & E), A.E (Civil), Security Officer, ORM.

KEMHICC was pro-active in identifying and implementing measures for IPC such as-

- Carrying out investigations when increase in infectious disease cases of hospitalised patients with reference to health care associated infections were identified. Measures to control the infections were taken.
- Inspection of Ophthalmology OT site (shifted to CVTC building) in terms of Infection Control and surveillance of the same was conducted.
- Sterility check of patient care items as and when required were conducted.

Audits

- Conducted regular audits on hand hygiene and biomedical waste in various departments clinical areas of Gynaecology and Obstetrics, General Surgery, Medicine, Plastic surgery, Orthopaedics, Paediatrics, MICU, IPCU and the NICU.
- Conducted audits on various Device Associated Infections (CLABSI, CAUTI, V.A.E) & Surgical Site infections in clinical areas of Urology, General Surgery, Nephrology, Orthopaedics and EMS-ICU, ESR-ICU, IPCU, MICU.

Trainings

- Conducted training on Biomedical waste Management for newly admitted 1st Yr nursing students of the nursing college, Seth GSMC & KEMH.

- Conducted lectures on Standard precautions and Biosafety for newly admitted MBBS students as part of the Foundation Course.
- Conducted training on Standard precautions for department of Paediatrics, Microbiology, Plastic surgery and General Surgery (JR orientation program).
- Conducted training on Bundle care approach towards prevention of Device Associated infections for MICU staff.
- Conducted training on Antimicrobial Stewardship (AMSP) for dept of OBGY.
- Participated as faculty to deliver talks on IPC & AMSP for M.Os from BMC - organised by Dept of Public Health, BMC.

Academic activity

- Successful completion of elective module in HIC for MBBS students CBME 2019 batch.
- Successful completion of rotational posting in HIC by Fellow in Infectious Diseases (Under dept of Medicine)

HCW Vaccination

- Successful administration of Hepatitis B vaccine (complete schedule of 3 doses) to Nursing students, Biochemistry and Pathology staff. More than 1000 doses were administered

Institutional Animal Ethics Committee [IAEC]

The primary objective of the Institutional Animal Ethics Committee (IAEC) of the Seth GS Medical College and KEM Hospital is to ensure that animal experiments are performed carefully and humanely with minimal pain to the laboratory animals. The Central Animal House which houses the laboratory animals is registered with the CCSEA for the purpose of 'Breeding and Research on animals' (Registration no.: 60/PO/ReBi/S/99/CPCSEA dated 07/10/2022 valid till 06/10/2027). The IAEC is approved by the Committee for the Control and Supervision of Experiments on Animals (CCSEA) previously known as Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA).

The IAEC consists of a total of 9 members which include both internal and external members. The 5 internal members are nominated from amongst the institutional faculty members and the CCSEA nominates 4 external members. The composition of the IAEC is given below.

Sr. No.	Name	Position on IAEC	Department
1.	Dr. Sandhya Kamat	Chairperson	Pharmacology & Therapeutics
2.	Dr. Shruti Bhide	Member Secretary	Pharmacology & Therapeutics
3.	Dr. Kiran Joshi	Veterinary officer in charge of animal facility	Pharmacology & Therapeutics
4.	Dr. Kanchan Kothari	Scientist from different biological discipline	Pathology
5.	Dr. Sharad Patel	Biological Scientist	Physiology
6.	Dr. Uddhav Chaudhari	CCSEA Nominee	Department of Primate Biology, National Institute for Research in Reproductive Health, (ICMR)
7.	Dr. Haladhar Sarma	Link Nominee	Bhabha Atomic Research Centre, Mumba
8.	Dr. Dhanjitkumar Das	Scientist from outside the institute	National Institute for Research in Reproductive Health, Mumbai
9.	Mr. Hassan Nalband	Socially aware nominee	Reliance Life Sciences Pvt Ltd

- No. of meetings held in 2023: **2**
- No. of new projects submitted and approved: **8**
- Ongoing projects: **12**
- Projects completed in 2023: **5**

Institutional Ethics Committee [IEC-1, IEC-2, IEC-3]

Reigstration / Accreditation / Recognition	IEC-I	IEC-II	IEC-III
Established on	6 th January, 1987	14 th Nov, 2008	12 th Oct, 2019
Registration with: DCG(I) & Central Licensing Authority: (issued under New Drugs and Clinical Trials Rules, 2019.)	Re-Registration No. ECR/229/ Inst./MH/2013/RR-19 Valid from 22.04.2019 to 21.04.2024	-	-

Registration / Accreditation / Recognition	IEC-I	IEC-II	IEC-III
Govt of India, Ministry of Health & Family Welfare, Dept of Health Research (DHR), (National Ethics Committee Registry for Biomedical and Health Research)	Registration No. EC/NEW/ INST/2021/MH/0008, Valid from Oct 21, 2021 thru Oct 20, 2026	Registration No. EC/NEW/ INST/2021/MH/0002, Valid from Oct 21, 2021 thru Oct 20, 2026	Registration No. EC/NEW/ INST/2021/MH/0003, Valid from Oct 21, 2021 thru Oct 20, 2026
SIDCER & FERCAP: Strategic Initiative for Developing Capacity in Ethical Review (SIDCER), Forum for Ethical committees in Asia and the Western Pacific Region (FERCAP) for its compliance with international and local standards in ethical review.	Awarded on Nov 20, 2016	Awarded on Nov 20, 2016	-
NABH: National Accreditation Board for Hospitals & Healthcare Providers (Constituent Board of Quality Council of India).	Valid from May 19, 2021 thru May 18, 2024 Certificate No. EC-CT- 2018-0027	-	-

Current SOPs Version 6.1, Dated 29th June 2020 effective from 1st August 2020 & Addendum 1, 2, 3, 4 (all are available on www.kem.edu)

All the committees presently function according to the requirements laid down in New Drugs and clinical trials rules, 2019 (NDCTR), and is guided by the ICH GCP guidelines for Good Clinical Practice, ethical principles set forth in the Declaration of Helsinki and the National Ethical Guidelines for Biomedical and Health Research Involving Human Participants, 2017 laid down by the Indian Council of Medical Research.

Activities of the IECs

1. Total meetings of IECs held in the year 2023 (updated as on 27.12.2023)

IEC- I		IEC- II Full Board	IEC- III Full Board	SAE Subcommittee	Total meetings
Full Board	Emergency				
9	0	11	10	33	63

2. Review performed by IECs in year 2023 (updated as on 27 Dec 2023)

	IEC-I				IEC-II			IEC-III			Total
Review	PHARMA	GOVT	OA	Thesis	GOVT	OA	Thesis	GOVT	OA	Thesis	
Full Board	35	3	4	2	5	74	144	5	62	145	479
Expedited	-	-	-	-	-	21	-	-	22	-	43
Exemption	-	-	-	-	-	3	-	-	5	-	8
Total	35	3	4	2	5	98	144	5	89	145	530
	44				247			239			530
Total	530										530

3. Active (approved) projects as on (updated as on 27th December 2023)

Name of IEC	Types of projects	No of projects	Total active projects
IEC-I	Pharmaceutical sponsored projects	37	56
	GOVT sponsored projects	6	
	OA: Other Academic projects	11	
	Thesis / Dissertations	02	
IEC-II	GOVT sponsored projects	14	567
	OA: Other Academic projects	219	
	Thesis / Dissertations	334	
IEC-III	GOVT sponsored projects	4	484
	OA: Other Academic projects	184	
	Thesis / Dissertations	296	
All 3 IECs	TOTAL active projects	1107	1107

4. Serious Adverse Events (SAEs):

- SAEs (Other sites) reported and reviewed in the year 2023: **9604**
- SAEs (this site) reported and reviewed in the year 2023:

Initial SAE reports	Follow up reports	Query replies	Close out reports	TOTAL
36	35	41	15	127

5. IECs Composition:

Member list of IEC-I as on 27thDecember 2023

Sr. No.	Name and position on IEC-1	Qualification	Affiliation
1.	Dr. Ms. Manju Sengar(Chairperson)	MD (Medicine), DM (Medical Oncology), PGDCT Clinical trials	Tata Memorial Hospital, Mumbai. 400012.
2.	Dr. Ms. Raakhi Tripathi (Member Secretary Basic Medical Scientist)	MD (Pharmacology). Associate Professor Pharmacology & Therapeutics	Seth GS Medical College and KEM Hospital, Parel, Mumbai 400012.
3.	Dr. Mrs. Nithya Gogtay (Jt. Member Secretary, Basic Medical Scientist)	MD (Pharmacology), DNB (Pharmacology), DNB (Clinical Pharmacology), PhD (Applied Biology)Prof. and Head, Dept. of Clinical Pharmacology	Seth GS Medical College and KEM Hospital, Parel, Mumbai 400012.
4.	Dr. Milind Nadkar (Clinician)	M.D (General Medicine), FICP, FACP. Prof. and Head, Dept of Medicine.	Seth GS Medical College and KEM Hospital, Parel, Mumbai 400012.
5.	Dr. Mrs. Charulata Londhe (Clinician)	M. D. (Internal Medicine) Associated Professor (Medicine)	Lokmanya Tilak Municipal Medical College and General Hospital, Sion, Mumbai. 400 022.
6.	Ms. Veera Gayakwad (Legal Expert)	LLB, LLM (Mumbai University) Diploma in Cyber Law.	Bar Council of Maharashtra & Goa
7.	Ms. Meera Shah (Social Scientist)	M.S.W (Social Work) M. A. (Clinical Psychology) N.L.P, R.E.T. and Counseling	-
8.	Dr. Ms. Alpana Kirtikar Purohit (Lay person)	M.com, MMS.	-
9.	Dr. Vyankatesh Shivane (Clinician)	M.B.B.S., MRCP-UK, Diploma in Diabetology, FACP (USA) Dept. of Endocrinology	Seth GS Medical College and KEM Hospital, Parel, Mumbai 400012.
10.	Dr. (Mrs.) Sushma Save (Clinician)	MD, DCH, IBCLC (USA). Associate Professor, Dept of Pediatrics,	Topiwala National Medical College & B. Y. L. Nair Charitable Hospital. Mumbai
11.	Dr. Monty Khajanchi (Clinician)	DNB (Surgery), MBBS Assistant Professor (General Surgery).	Seth GS Medical College and KEM Hospital, Parel, Mumbai 400012.
12.	Dr. Dheeraj Kumar Member (Clinician)	DM, DNB (Cardiology), Assistant Professor (Cardiology)	Seth GS Medical College and KEM Hospital, Parel, Mumbai 400012.

Member list of IEC-II as on 27thDecember 2023

Sr. No.	Name and position on IEC-2	Qualification	Affiliation
1.	Dr. Sunil Kuyare (Chairperson)	M.D (Microbiology), PGDHA	Lab Director Apoorva Diagnostic and Healthcare Mumbai
2.	Dr. Priyanka Prasad (Member Secretary Basic medical Scientist)	M.D. (Microbiology) PGDHHM Associate Professor	Seth GS Medical College and KEM Hospital, Mumbai Dept of Microbiology ospital, NMumbai.
3.	Dr. Gita Nataraj (Clinician/ Basic medical Scientist)	M.D.(Microbiology), Diploma in Pathology & Bacteriology. Professor and Head,	Dept of Microbiology Seth GS Medical College and KEM Hospital, Mumbai.

Sr. No.	Name and position on IEC-2	Qualification	Affiliation
4.	Dr. Anita Mathew (Clinician)	M.D.(Medicine), DNB, Diploma in Child Health (DcH)	Director Internal Medicine & Infectious diseases at Fortis Hospital, Mulund. Consultant in Infectious disease at LTMMC & GH, Sion, Mumbai, which is a teaching hospital & Medical school
5.	Ms. Manda Loke (Legal Expert)	B.Com., M.A.(Eco.), LL.M	Advocate High Court
6.	Mrs.Hetal Varma (SocialScientist)	Bsc MSW	-
7.	Ms. Radhika Koppikar (Lay person)	B.A(Economics),M.A(Economics), Diploma in Business Finance	Faculty (Art of Living Programs)
8.	Dr. Charan Lanjewar (Clinician)	M.D. (Cardiology), DM Associate Professor and Head of the Unit,	Dept of Cardiology Seth GS Medical College and KEM Hospital, Mumbai.
9.	Dr. Mamta Muranjan (Clinician)	M.D.(Pediatrics), DCH Professor	Dept of Pediatrics, Seth GS Medical College and KEM Hospital, Mumbai.
10.	Dr. Vijaya Babre (Clinician)	MBBS, DNB, FI COG, FCPS, DG O, DFP, DHA. (Diploma of Hospital Administration) Assistant Professor	Department of OBGY at K.J. Somaiya Medical College Sion Mumbai.
11.	Dr. Sayali Thakare (Clinician)	M.D. (General Medicine), DM (Nephrology), DNB (Nephrology) Assistant Professor (Regular	Dept of Nephrology, Seth GS Medical College and KEM Hospital, Mumbai.
12.	Dr. Karuna Vishal Nadkarni (Clinician)	Bsc(O.T.),MOTh, PHD Scholar at Maharashtra University Professor and Head	Dept of Occupational Therapy Training School & Centre Seth GS Medical College and KEM Hospital, Mumbai.
13.	Dr. Sandhiya Selvarajan Member (Basic Medical Scientist)	M.D. (Pharmacology), DNB (Pharmacology), D.M. (Clinical Pharmacology) AdditionalProfessor and Head	Dept of Clinical Pharmacology JIPMER Pondicherry
14.	Dr.Janardhan Bandi (Clinician)	M.D.(PSM), PGDHA	AssociateProfessor, Seth GS MedicalCollege and KEMHospital, Mumbai.

Member list of IEC-III as on 27thDecember 2023

Sr. No.	Name and position on IEC-3	Qualification	Affiliation
1.	Dr. Mohan Karmarkar(Chairperson)	M.D (Microbiology), PGDHA	Microbiologist.
2.	Dr. Swapna Kanade (Member Secretary Basic Medical Scientist)	M.D. (Microbiology),	Seth GS Medical College and KEM Hospital, Parel, Mumbai 400012.
3.	Dr. Shirish Joshi (Jt. Member Secretary Basic Medical Scientist)	PGDCR (Post graduate diploma in Clinical Research) M.D.(Pharmacology), M.B.B.S	Seth GS Medical College and KEM Hospital, Parel, Mumbai 400012.
4.	Dr. Ashish Gupta Basic Medical Scientist	M.B.B.S., MD, DNB (Pharmacology)	Dept. of Pharmacology, NSCGMC, Khandwa, M.P.
5.	Dr. Archana Sonawale (Clinician)	MD (Medicine)	Seth GS Medical College and KEM Hospital, Parel, Mumbai 400012.
6.	Dr. Leena Gangolli (Legal Expert)	M.B.B.S.,M.H.A. (T.I.S.S.),M.PH.(Harvard University), L.L.M. (University of Mumbai)	Member of National Task Force for Palliative Care.
7.	Ms. Anuradha Prabhudesai (Social Scientist)	MA Counselling Psychology	-
8.	Ms. Sai Kulkarni (Lay person)	Ph.D., M.A. (Economics)	-
9.	Dr. Priyanka Honavar (Clinician)	DGO, DNB (Obstetrics &Gynaecology), FMAS	Seth GS Medical College and KEM Hospital, Parel, Mumbai 400012.

Sr. No.	Name and position on IEC-3	Qualification	Affiliation
10.	Dr. Shwetal Pawar (Clinician)	M.B.B.S. DNB (Nuclear Medicine), MNAMS Fellow Of Pediatric Nuclear Medicine, London, Uk.	Seth GS Medical College and KEM Hospital, Parel, Mumbai 400012.
11.	Dr. Aarti Kulkarni (Clinician)	MBBS, Diploma Anaesthesiology, DNB Anaesthesiology	Seth GS Medical College and KEM Hospital, Parel, Mumbai 400012.
12.	Dr. Bhavana Mhatre (Clinician)	FAIMER Fellow, M.Sc, B.Sc in Physical Therapy	Physiotherapist

IEC office bearers:

	Name	Designation and IEC	Contact details
1.	Ms. Janhavi Katkar	General Manager IEC	Tel: 24107515, Cell No.: 8779221293 Ext. no. 7515 Email: iec-1@kem.edu iec-2@kem.edu iec-3@kem.edu
2.	Ms. Shweta Surve	Deputy Manager IEC-I	
3.	Ms. Prajakta Auti	Deputy Manager IEC-I	
4.	Ms. Manasi Lad	Deputy Manager IEC-I	
5.	Ms. Rasika Nikharange	Sr. Executive Assistant IEC-II	
6.	Ms. Trupti Deolekar	Executive Assistant IEC-II	
7.	Mr. Pranay Toraskar	Executive Assistant IEC-III	
8.	Mr. Yashwant Jadhav	Executive Assistant IEC-III	
9.	Mr. Mangesh Khochade	Office Assistant IEC	
10.	Mr. Chetan Solanki	Office Attendant IEC	

6. Activities of the IEC

Training programs conducted by IEC for its members and IEC staff:

- Dr. Nithya Gogtay: session on the topic of “Ethics of vaccine use in pregnancy” for members of IEC-I on 23rd January 2023.
- Dr. Nithya Gogtay : session on the topic of “Ethical evaluation of medical devices” for members of IEC-I on 1st December 2023.
- Dr. Raakhi Tripathi : session on 14th December 2023 for newly appointed members and for IEC staff on the following topics: Overview Good Clinical Practices (GCP), New Drugs and Clinical Trials Rules 2019 (NDCT Rules 2019), Biomedical Heal Research and ICMR 2017 Guidelines
- Dr. Swapna Kanade : session on the topic of “IECs Standard Operating Procedures V6.1” for newly appointed IEC members and for IEC staff on 19th December 2023.

Institutional Committee for Stem Cell Research [IC-SCR]

Established: 2008

Registered under

National Apex Committee for Stem Cell Research and Therapy (NAC-SCRT),
Department of Health Research Ministry of Health and Family Welfare Government of India
Registration number: NAC-SCRT/55/20200209 Validity: 11.09.2020 to 10.09.2023

Composition

Sl. No.	Name	IC-SCR Designation	Qualification(s)	Affiliation(s)
1	Dr Jyoti Kode	Chairperson and Ethics Expert*	MSc, PhD	Assistant Professor, Tata Memorial Center, ACTREC, New Bombay
2	Dr Yashashri Shetty	Member Secretary and Ethics Expert *	MBBS, MD, DBM	Associate Professor, Department of Pharmacology and Therapeutics, KEM Hospital, Mumbai
3	Dr Medha Rajadhyaskha	Vice-Chairperson*	MSc, PhD	Professor of Life Sciences, Sophia College, Mumbai
4	Ms Tanu Mehta	Legal Expert*	LLB, MA in Conflict Resolution	Advocate, Bombay High Court
5	Dr Mrunal Marathe	Social Scientist*	PhD	Free lance social scientist and counselor. Currently working for Asha Sadan [Palliative Care], Mumbai

Sl. No.	Name	IC-SCR Designation	Qualification(s)	Affiliation(s)
6	Dr Deepa Bhartiya	Stem Cell Expert*	MSc, PhD	Scientist G, ICMR NIRRH, Mumbai
7	Mrs Manisha Naik Dalal	Layperson*	MCom	Currently layperson on Tata Memorial Hospital IEC
8	Dr Kishori Apte	Toxicologist	PhD	Technical Director APT Testing & Research Pvt Ltd , Pune
9	Dr Taruna Madan	Immunologist	M Pharm PhD	Scientist F and Division of Innate Immunity, NIRRH
10	Dr Rashmi Dalvi	Paediatrician /Clinician	MBBS, MD	Professor of Pediatrics, Bombay Hospital, Mumbai
12	Dr Pushkar Shikharkane	Internal Medicine/Clinician	MBBS, MD	Practicing clinician with own practice/self employed Attached to Sushrusha Hospital, Mumbai

- As per circular released by ICMR Advertisement dated 31/05/2023 regarding Dissolution of National Apex Committee for Stem Cell Research & Therapy (NAC-SCRT), published by ICMR-DHR for public opinion the IC-SCR is now dissolved.
- Initial was constituted in Seth GSMC & KEM Hospital in 2008 and was functional till 2012. Now it was reconstituted and was functional from 9th July 2020. One project was discussed in one online meeting held on 12th July 2023.

Internal Complaints Committee (Women's Complaints Committee)

Name & address of the college: Seth G.S. Medical College and K.E.M Hospital, Parel, Mumbai – 400 012

Date of the Constitution of committee: 2013

Activity: The committee works very actively to address and resolve the issues as per rules. Also conducts sensitization programs for employees and students of this institute.

Details of Members:

Name designation address Tele/mobile No. E-mail address of the Presiding officer	Dr. Mrs. Pratima Naik, Matron/ chair person K.E.M. Hospital, Parel, Mumbai – 400 012 022 24107049 / 9619272780 naikpratima@yahoo.co.in
Name of NGO member Tele/mobile No. Email address	Smt. Sujata Gothaskar 9820930369 sujatagothoskar@gmail.com
Name of remaining members with their tele/mobile Nos. & e-mail address	<ul style="list-style-type: none"> Dr. Harshada Thakur 9764599957 harshadathakur@gmail.com Dr. Rajneesh Pandey 9870226606 prajneesh@gmail.com Mr. Bhavesh Saligram 9869012412 bhaveshshaligram@gmail.com Mr. Vijay Jawlekar 9082774671 vijayjawlekar@yahoo.com Ms. Deepali Jaydyar 9769791936 Deepalijadyar06@gmail.com Ms. Dorine Adrade 9869435216 andradedorine@yahoo.com Dr. Kranti kadam 9920969088 drkrantisk@gmail.com

Journal of Postgraduate 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 G.S. Medical College and K.E.M. Hospital, Mumbai, India. The journal is published by Wolters Kluwer India Private Limited. Journal does not charge the Authors or Authors' institutions for the submission, processing and/or publications of manuscripts. However, the Journal charges a nominal fee for color reproduction of colored images/photographs/figures (INR 500/- for authors from India and USD 25 for foreign authors per colored image/photograph/figure). 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, Ex Libris – Primo Central, Google Scholar, Hinari, Infotrieve, National Science Library, ProQuest, TdNet, and Wanfang Data. The journal is indexed with, or included in, the following: DOAJ, EMBASE/ Excerpta Medica, Emerging Sources Citation Index, Indian Science Abstracts, IndMed, MEDLINE/Index Medicus, PubMed Central, Scimago Journal Ranking, SCOPUS, Science Citation Index Expanded, and Web of Science. Currently the journal is in its 69th year of being published. Impact Factor[®] as reported in the 2022 Journal Citation Reports[®] (Clarivate Analytics, 2023) has increased to 1.6 (it was 1.566 in 2022 and 1.476 in 2021). Journal of Postgraduate Medicine has an h-index of 62 (it was 59 in 2022), meaning that 62 articles of this journal have more than 62 numbers of citations. The journal's website is <https://review.jow.medknow.com/jpgm> and full texts are available online at <https://journals.lww.com/jopm/pages/default.aspx>. The journal's website gets over 25,000 visitors every month. The journal allows open access of its manuscripts (html version) to all viewers. However, access to pdf version of manuscripts is available only to subscribers. The current Editorial team of Dr. Sunil Karande (Editor); Dr. Mariya Jiandani and Dr. Sweta Salgaonkar (Associate Editors); and, Dr. Sharmila Jalgaonkar, Dr. Charan Lanjewar and Dr. Urwashi Parmar (Assistant Editors) will be completing their tenure on 30th June 2024. The journal received 1001 manuscripts for publication during the year 2023; and the acceptance rate was less than 5%. All 4 issues of the journal during the year 2023 have been published on time. The JPGM iPad / android app has resulted in the journal's increased visibility and readership resulting in a healthy royalty income. Both the accounts (main and conference) of the journal for the financial year 2022 - 2023 have been audited and approved at the Annual General Body Meetings of the Staff Society held on 21st August 2023.

KEM Hospital Poor Box Charity Fund [KEMH PBCF]

The KEM, Poor Box Charity Fund 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, Sir Dorabji Tata Trust, Tata Education and Development Trust, Shree Siddhivinayak Ganpati Temple Trust, Shree Mahalakshmi Temple Trust, Nana Palkar Smruti Samiti, Tarun Mitra Mandal Etc. The money is used for poor and deserving patients after necessary sanctions are obtained. This year a total of Rs.6,05,08,985.24 was spent on poor and needy patients.

Research Society

Research Society is registered on 29th September 1952 under the societies Registration Act XXI, 1860.

The office bearers and executive committee member of Research Society for the period from 2019- 2024 is as follows:

President: Dr. Sangeeta Ravat

Hon. Vice President: Dr. Neena Sawant,

Hon. General Secretaries: Dr. Hemant Nandgaonkar, Dr. Rajneesh Pande

Hon. Treasurer: Dr. Kavita Joshi

Executive Committee members: Dr. S. Bhide, Dr. S. Kanade, Dr. A. Agrawal, & Dr. S. Umbarkar

Aims & Objectives

The aims and objects of the society are:

- To promote medical research in all its branches including industrial diseases accidents.
- To finance research inquiries
- To endow research Fellowships
- To give grants for research
- To further the growth of research work in medicine and allied subjects

Activities:

- Research grant is provided twice a year for research projects undertaken by the faculty who are also members of the Research society.
- Research proposals are peer reviewed before sanction of the grant.

Activities: January 2023 to December 2023

- Research grants for 20 projects were sanctioned up to Rs. 1,00,000/- (2023 set I & set II).
- Clinical trial amount of Rs. 46, 20,129/- received from the departments of Cardiology, Neurology, Clinical Pharmacology, and Gastroenterology.
- Ongoing Clinical trials: 12 & New Clinical trials: 2
- Number of Executive committee meetings held = 10 and AGBM = 1
- EC sanctioned Funding Rs. 62,500/- for printing of annual report 2023.
- Rs. 81,188/- spent on purchase of Laptop for Research society office

Research proposal that received grants were as follows:

2023 Set – I

Sr No	Title of Project	Name of Chief Investigator	Department
1	Comparison between Test of infant's motor performance, Developmental assessment of young children - II and Amiel-Tison neuro motor assessment test in infants with 0-4 month age.	Dr.Hemant Nandgoankar Assitant Professor	Occupational Therapy
2	Breastmilk fortification with human milk derived human milk fortifier(HHMF) versus bovine milk derived human milk fortifier (BHMF) in preterm infants < 30 weeks gestation : A randomised control- non inferiority trial from western India.	Dr. Anitha Haribalakrishna AssociateProfessor, Incharge and Head	Neonatology
3	Sugammadex versus neostigmine: a comparative study of efficacy and safety in the cath lab suite	Dr.Sanjeeta Umbarkar Head of the Department	Cardiac Anaesthesia
4	'Evaluation of the combined effect of S-adenosyl I-methionine (SAM-e) plus L-Dopa in 6- hydroxy dopamine (6-OHDA) induced Parkinson's disease in Wistar rats'	Dr. Raakhi Tripathi Associate Professor	Pharmacology & Therapeutics
5	A comparative study of post mortem computerised tomography findings with traditional medicolegal post mortem findings at a tertiary care institution	Dr. R.b. Deokar Additional Professor	Forensic medicine and toxicology
6	A Prospective Cohort Study to evaluate the prevalence, risk factor and outcome of renal function abnormalities in patients on Tenofovir based Highly Active Anti Retroviral Therapy	Dr. Tukaram Jamale Professor and head	Nephrology
7	Pharmacoeconomic analysis on post-exposure prophylaxis for rabies Vaccination in human at a public tertiary care hospital in Mumbai	Dr. Nithya J. Gogtay Professor and head	Clinical Pharmacology
8	Correlation of genetic and phenotypic profile in children and young adults with idiopathic acute, acute recurrent and chronic pancreatitis: a prospective observational study	Dr. Biswa Patra Assistant Professor	Gastroenterology
9	Surveillance of dengue virus serotypes in patients detected with dengue NS1 antigen and its correlation with clinical parameters – a single center study from a tertiary care teaching hospital in Mumbai	Dr. Priyanka Prasad Associate Professor	Microbiology
10	The study of Viral Gastroenteritis in patients attending a Tertiary Care teaching hospital.	Dr.Shashir Wanjare Additional Professor	Microbiology

2023 Set – II

Sr No	Title of Project	Name of Chief Investigator	Department
1	Prevalence of Scrub typhus infection among patients presenting with acute febrile illness in a tertiary care teaching hospital in Mumbai.	Dr Vijaya Torane Associate Professor (Additional)	Microbiology
2	"enhanced recovery after cardiac surgery – use of sugammadex vs neostigmin"	Dr.Sanjeeta Umbarkar Addl Professor & head of Department	Cardiac Anaesthesia

Sr No	Title of Project	Name of Chief Investigator	Department
3	An observational study to evaluate awareness and adherence in female patients regarding oral contraceptive intake in a tertiary care hospital	Dr. Urwashi Parmar Associate Professor Additional	Pharmacology & Therapeutics
4	Comparison of Proprioceptive Nest with Standard Nesting to meet the proprioceptive needs of preterm neonates in NICU- A randomized control non-inferiority study.	Dr. Hemant Nandgaonkar Assistant Professor	Occupational Therapy
5	A comparison study of effect of topical Bimatoprost, Latanoprost, Travoprost and minoxidil on hair growth in C57BL/6 mice	Dr Padmaja Anil Marathe Professor Additional	Pharmacology & Therapeutics
6	Evaluation of effect of Lobeglitazone in a animal model of Polycystic Ovary Syndrome.	Dr Shruti Bhide Associate Professor	Pharmacology & Therapeutics
7	Evaluation of hypolipidemic effect of Pueraria tuberosa extract on high fat diet induced hyperlipidemia in Wistar rats.	Dr Yashashri Shetty Associate professor	Pharmacology & Therapeutics
8	Efficacy and safety of intermittent phototherapy with continuous phototherapy during the first 2 weeks of life in hospitalised preterm infant-A randomized control trial	DrAnitha Haribalakrishna AssociateProfessor, Incharge and Head	Neonatology
9	Evaluation of effects of S Adenosyl L Methionine in Dextran Sulphate Sodium induced Chronic Colitis in Swiss Albino mice	Dr. Sharmila Jalgaonkar Associate Professor	Pharmacology & Therapeutics
10	Chronic Mild Stress Induced Swiss Albino Mice: An Experimentals.	Dr. Shirish S. Joshi Professor (Additional)	Pharmacology & Therapeutics

Total Grant utilized during the year 2023 – Rs.6,52,450/-

Oration 2023

- Dr.U.K Sheth Oration speaker – Dr.Anil Sheth, Topic -“Evaluation and Management of Hypertension from A nephrologist’s” Perspective” Chairperson: Dr Nirmala Rege.
- Dr.M.P.Bhagat Oration Speaker – Dr. Archana Kher, Topic - “Pediatrics- Then, Now & Next” Chairperson: Dr. Madhuri Kulkarni.
- Dr. G.M. Kurulkar Oration speaker - Dr.K.Shyamkishore, Topic - “Vector Analysis of Muscle Movement” Chairperson: Dr. Sharadkumar Pralhad Sawant, Dr. Ashwini Jadhav.

Workshop 2023

- “Qualitative Method in Health Research Workshop” by Dr.Amol Dongre held in August 2023

Regional Resource Centre-Western Region, National Medical College Network (NMCN)

Seth G. S. Medical College & KEM Hospital, Mumbai was selected as a Regional Resource Centre for Western Region under National Medical College Network (NMCN) project in 2015. In the first phase of NMCN scheme, 5 Govt. Medical Colleges from the states of Maharashtra, Gujarat and Goa which already have connectivity provided by National Knowledge Network (NKN) have been identified for NMCN activities. This linkage is for Tele education, Tele CME, Tele specialist consultations, Tele follow-up, sharing of surgical & interventional skills and access to Digital Library.

RRC(W) Program Management Unit committee members (NMCN) -

Dr. Sangeeta Ravat - Dean, Chairperson

Dr. M.M. Desai - Prof. & Head, Orthopaedics, Nodal officer-RRC

Dr. Priyanka Prasad - Associate Professor, Microbiology, Assistant Nodal officer

Dr. Gita Nataraj - Professor Emeritus, Co-ordinator-RRC

Dr. Padma Bhade - Addl. Professor, Radiology (Tele-radiology)

Dr. Praveen Iyer - Prof., Anatomy (I/c eClassroom/Digital Lecture Theatre)

Dr. Rajneesh Pandey - Associate Professor, Anatomy (Member - NKN)

Dr. Shreeraj Talwadekar - Assistant Professor, Microbiology (Coordinator for eLearning Modules)

Human Resources for NMCN: -

Telemedicine Infrastructure & Network Administrator - Mr. Tushar Kotwal

Content Developer - Mr. Badal D Patil

NHM Support Facility Manager - Mr. Sandeep Mehendale

Content Developer (e-classroom) – Mr. Vivek Yadav

AV Technician (e-classroom) – Mr. Babubhai Chawda

Various activities carried out under NMCN: -

- 180 Tele-education sessions have been conducted during the year.
- Live streaming sessions via YouTube has been conducted for Foundation Course for Ist
- MBBS 2023-24 by Depts. of Anatomy, Physiology, Biochemistry.
- Digital medical lecture theatre/eClassroom (RRC KEMH) has been utilised to conduct 64 Live lectures (includes only those that were streamed/connected to other institutes), Foundation Course for Ist MBBS students, CMEs/Workshops, academic clinical program, RMO orientation program, etc. for live streaming, through virtual platform and some were shared with other 50 medical colleges across India.
- Under the Learning Management Information System (LMIS-Saksham) , 20 lessons have been completed with respect to NMC competency based online courses of the National Medical College Network for medical students.
- Videos are indexed on NMCN Portal (Search by content, Dr's Name, Topic, College) and available using the link below:
- https://nmcn.in/video_list.php
- Depts. of Anatomy, Clinical Pharmacology, have conducted live streaming sessions via YouTube for clinical programs.
- Digital Medical Library - Books, e-Resource, Print + Online Medical Journal & medical database subscriptions were made available for students, faculty, which are accessible in college campus on intranet via internet.
- Departments will get benefitted through the upgraded enhanced bandwidth of 1Gbps at Seth G. S. Medical College & KEM Hospital, Mumbai with high-speed NKN connectivity. This connectivity will further be used to facilitate access via Wi-Fi (GSMC/Eduroam).
- RRC technical staff have supported - Live CME, Workshops/conferences, Streaming - Dept of General Surgery, Gastroenterology, GI to demonstrate live surgery/Live Medical Procedures from clinical areas as requested by department.
- GSMC & KEMH -Internet and Intranet IT Committee has been formed.

Capacity building

- "Strengthening Capacity of National Medical College Network to Design, Develop and Deliver Online Education to Medical Students" on 8th -10th May 2023 organized by Ministry of Health and Family Welfare (MoHFW) and NRC, AIIMS at New Delhi. Learning Management Information System (Hybrid Mode) –This training program was attended by NMCN technical human resources along with eClassroom content developers' staff (ERNET/Yash Staff) from the 5 Govt. Medical Colleges from the states of Maharashtra, Gujarat and Goa NMCN (Western Region), also attended. The training program provided hands on training on e-content development for LMIS.
- RRC faculty and NMCN(RRC)technical staff member attended the 19th International Conference of Telemedicine Society of India "TELEMEDICON-2023" at Goa.

Following is the list of tele-education/ e-learning educational content activities which have been conducted with the available facility and/or technical support of RRC: -

- Live streaming – Foundation Course for FIRST MBBS 2023-24 BATCH - Seth G. S. Medical College & KEM Hospital Mumbai. (Views - 3429+)
- GENSURG 2023 and KEM SS Preparation Course - Dept of General Surgery via Cisco Webex/Zoom platform for PG Students.
- Live streaming – CME on Integrated Approach towards Geriatric Health by Community Medicine
- Facility used for Webinar, Lectures for MBBS Students via Cisco Webex/Zoom/Google Meet (kem.edu)/Microsoft Team VC platform. For 250/180-UG, PG Students/participants, OTPT Student and Nursing students. {Dept. of Anatomy, OBGY, Paediatrics, General Surgery, Microbiology, Radiology, Clinical Pharmacology, Medicine}
- Live streaming – Advanced Level Pvg Training Program, Dept of Clinical Pharmacology
- Virtual CME- Surgical Site Infection Prevention by HISMF.
- Virtual OSCE National Board of Examinations in Medical Sciences exam-DNB Exam for students by Dept. of Ophthalmology.
- Release of annual volume: ' Reflections ' by Medical Humanities
- Virtual Radiology Scientific Program - CROSSECON 2023 by Dept of Radiology via Cisco Webex platform connected to University of Washington & University of Texas,US.
- Facility used for conducting online CME - Endocrinology Symposium by Dept of Endocrinology.
- Facility used for international meet, ICMR network clinical trial meeting by Dept of Clinical Pharmacology.
- FAIMER International Workshops, HISMF, NICU Workshop via virtual platform.

Seth GS Medical College - Multidisciplinary Research Unit [GSMC-MRU]

The Seth G S Medical College Multidisciplinary Research Unit (GSMC MRU) serves as the central research laboratory of the institution which is one of the requirements for the institute to be recognized by the National Medical Commission. It is located on the 1st & 2nd Floor of the Mortuary Building of the institute. It was established under the aegis of the Central Sector Scheme of the Department of Health Research (DHR), Government of India for the development of infrastructure for promotion of health research in different areas of non-communicable diseases. The unit received funding from DHR in September 2014 and started functioning from June 2016.

Mandate:

- To encourage and strengthen an environment of research in non-communicable diseases (NCD).
- To bridge the gap in the infrastructure which is inhibiting health research
- To improve the overall health status by creating evidence-based application of diagnostic procedures/processes.

The GSMC-MRU is headed by Dr. Sangeeta Ravat, Dean (G&K). Dr. Sandhya Kamat, Professor & Head, Department of Pharmacology & Therapeutics is the Nodal officer. The scientific and technical work at MRU is managed by 2 research scientists, 2 lab technicians and 1 lab assistant cum data entry operator. The overall management of the unit is done as per the recommendations of the Local advisory Committee (LAC), the Research Advisory Committee (RAC) and the Purchase committee (PC). The RAC has been formed as per ICMR requirement and has 7 external and 7 internal members from various specialties as recommended by ICMR.

List of Research Advisory Committee (RAC) Members				
No.	Status	Designation	Speciality required as per ICMR	Names & Professional Qualifications
1	External	Chairperson	Medical Person preferably a senior Professor level / Director level Person	Dr. Niteen Karnik Professor & HOD, Medicine, LTMGH & LTMMC, Mumbai
2	External	Co-chairperson	Medical Person preferably a senior Professor level / Director level Person / Academicians of expertise in NCDs	Dr. Amar Pazare, Ex-Professor & HOD, Medicine, GSMC & KEMH, Mumbai
3	Internal	Member Secretary	Nodal Officer, GSMC MRU	Dr. Sandhya K. Kamat, Professor & HOD, Pharmacology & Therapeutics, GSMC & KEMH
4	External	Member	Nominee from DHR	Dr. Deepak Modi Scientist E, Dept. of Molecular & Cellular Biology, ICMR-NIIRCH, Mumbai
5	External	Member	Principal/Dean of nearby Municipal Medical College and Professor / Head from concerned Municipal Medical College as Special invitees	Dr. Shakuntala Prabhu, Medical Director & Professor, Dept of Pediatrics & Pediatric Cardiology, Bai Jerbai Wadia Hospital for Children, Mumbai
6	External	Member	Clinical / Academicians of expertise in NCDs-Gynecology	Dr. Anushree Patil Scientist E Dept. of Clinical Research, ICMR-NIIRCH, Mumbai
7	Internal	Member	Medical Person preferably a senior Professor level / Director level Person	Dr. Gita Nataraj, Emeritus Professor, Microbiology, GSMC & KEMH
8	External	Member	Clinical / Academicians of expertise in NCDs-Mental Health	Dr. Sushama Sonavane, Professor & HOD, Psychiatry, TNMC & BYL Nair charitable Hospital, Mumbai
9	Internal	Member	Clinical / Academicians of expertise in NCDs-Mental Health	Dr. Ajita Nayak, Professor & HOD, Psychiatry, GSMC & KEMH
10	Internal	Member	Clinical / Academicians of expertise in NCDs-Endocrinology	Dr. Tushar Bandgar, Professor & HOD, Endocrinology, GSMC & KEMH
11	Internal	Member	Clinical / Academicians of expertise in NCDs-Medicine	Dr. Milind Nadkar, Professor & HOD, Medicine, GSMC & KEMH

List of Research Advisory Committee (RAC) Members				
No.	Status	Designation	Speciality required as per ICMR	Names & Professional Qualifications
12	Internal	Member	Clinical / Academicians of expertise in NCDs-Biochemistry	Dr. Anita Chalak, Professor & HOD, Biochemistry, GSMC & KEMH
13	Internal	Member	Clinical / Academicians of expertise in NCDs-Community Medicine	Dr Vijaykumar Singh, Professor & HOD, Community Medicine, GSMC & KEMH
14	External	Member	Director, Medical education, and Health and Family welfare in MCGM/nominee	Dr. Neelam Kadam, Assistant Health Officer, Department of Public Health, F-South ward, BMC, Mumbai

The RAC plays a key role in, recommending project proposals for funding and/or using infrastructure facility of the unit. It offers recommendations for selection of equipment in order to promote and encourage quality multidisciplinary medical research in the Institution.

Infrastructure:

GSMC-MRU has four major labs, namely Molecular Biology lab, Biochemistry lab, Immunology Lab and Chromatography Lab and has state-of-art equipment installed. It has a total of 24 major equipment and 23 minor equipment. The major equipments are listed below:

No	Lab	Major Equipment	Investigations
1	Molecular Biology	Thermal Cycler	Performing PCR and other similar applications
		Real Time PCR System	Performing real time PCR
		Electrophoresis (AGE/PAGE)	Separation of proteins & nucleic acids
		Gel Documentation System	For visualisation of AGE/PAGE gels
		Spectrophotometer-Nanodrop with Lvis plate and microplate facility	Hormone/ biomarkers assays, nucleic acid detection etc
		Biosafety Cabinets	For safety while handling infectious/contaminated samples
		Ultracentrifuge	High speed centrifugation for separation macro/micro particles, organelles etc
		Non- Refrigerated Centrifuge	For separation of cells, suspensions, precipitates etc
		Refrigerated Centrifuges	
2	Biochemistry Lab	Automated Biochemistry analyser	Biochemistry profile from Serum, urine etc
		Hematology Analyzer	For hematological analysis with 3-part differential count
		Fume Hood	For safe handling of organic solvents, acids and other noxious reagents
		Biomedical Freezer (-30°C)	Storage of samples
		Ultra-Low Temp Freezer (-80°C)	
		Millipore Water Purification System	Generation of Type I and Type II water
3	Immunology Lab	ELISA Reader & Washer	Biomarker, hormone, cytokine assay etc
		Luminometer	
		Homogeniser-Bead Beater	Homogenisation of tissue samples for further use in various assays
4	Chromatography Lab	Gas chromatography- Mass Spectrometry (GC-MS)	Analysis of volatile and semi volatile compounds (e.g. in metabolomics)
		High Performance Liquid Chromatography (HPLC)	Metabolomics study, Therapeutic drug Monitoring etc

Achievements:

- Total No. of Research projects funded by MRU : 16
- Ongoing Projects : 08
- Completed Projects : 08
- Publications : 03
- Presentations : 10
- Awards : 03

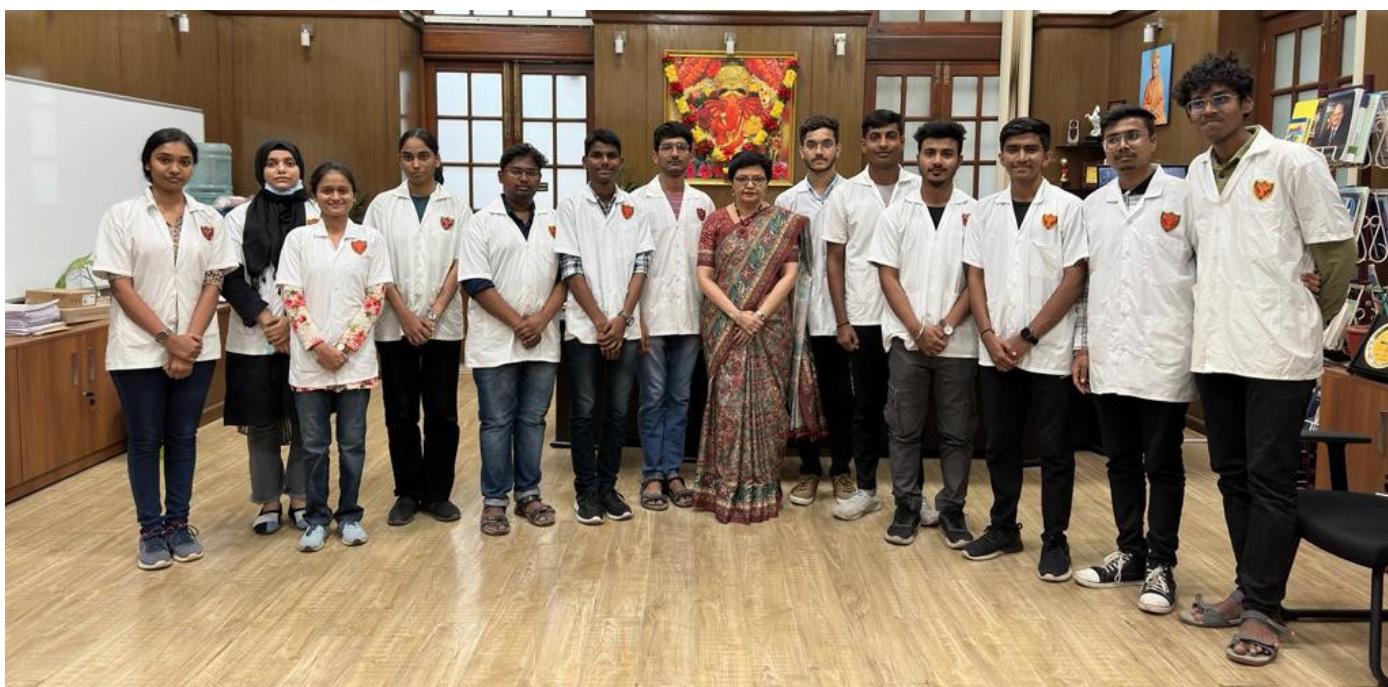
GSMC MRU also allows the faculty and the postgraduate students of institution to use its infrastructural facilities for the research projects which have institutional ethics committee approval and about 44 research projects have been completed so far and 10 are ongoing.

Future Plans /Vision:

- Motivate and encourage more disciplines of the institution to undertake research
- Promote inter-institutional collaborative research

Scholarship for GSMC & KEM Undergraduate Students

- IMA, Mumbai west branch gave 1st year text books to seven deserving students of 1st year MBBS students.
- Korgoankar scholarship for year 2023-24 was given to 1st MBBS student Hritik Pandey.
- A New Scholarship has been started by GOSUMEC Alumni Foundation, USA. From this year. They have given scholarship to 15 1st MBBS students. It will be awarded for four years. Following Students have been awarded the scholarship.



- Standing on the Right side of Dean Madam: Akash Deepak Suryawanshi, Sushant Balaji Basapure, Shivcharan Madhav Hekarne, Laxmi Premchandra Maurya, Kaumudi Subhash Raut, Farhat Parveen.
- Standing on the Left side of Dean Madam: Sanket Shivajirao Pawar, Kapil Pandhari jaybhaye, Krushnkant Sashikant Patil, Shriram Pandharinath Fulzalke, Shravan Ashok Giri, Yash Sharad Ohal
- Two Occupational Therapy students: One from M.O.TH Rani Maruti Yeole & One from BOTH Kaumudi Subhash Raut were also selected for scholarship.

Staff Society

Seth G.S. Medical College & Kem Hospital, Staff Society is registered under Bombay Public Trust Act 1950 on 10.3.93.

Aim And Objectives: It is a nonprofit organization with aims and objectives as under

- Dissemination of research activities and advancement of medical education to practicing doctors, staff, students and general public in order to improve delivery of health care to the patients.
 - To promote sense of fraternity among the members by arranging Social function.
- For attainment of the above aim and objectives the association may
- Hold periodical meetings to discuss the scientific and clinical matters from the institution and promote healthy exchange of ideas.
 - Publish scientific material including Journal of Post –Graduate Medicine
 - Discuss problems pertaining to Medical Ethics and Medical Education.
 - Co-operate with other Medical Societies, associations of KEM Hospital.

- v. Raise funds through contribution, donations, advertisements, functions or any other way from members donors / others, as decided by the Executive Committee.
- vi. To coordinate all the orations of Seth GSMC & KEMH with respective departments and organization.

Do all things as are incidental or conducive to the attainments of the above objectives or any other.

Executive Committee Office Bearers and Members for the year 2022-24

President- Dean Dr. Sangeeta Ravat
 Vice President- Dr. Harish Pathak
 Hon. Secretary- Dr. Nitin Dange / Dr. Roshan Wade
 Hon. Jt. Sec.- Dr. Mahadeo Garale
 Treasurer- Dr. Charan Lanjewar
 Editor JPGM- Dr. Sunil Karande

Executive Committee Members

Dr. Pradeep Vaideeswar, Dr. Mohan Desai, Dr. Sanjeeta Umbarkar, Dr. Samir Rege, Dr. Abhijeet Dhende, Dr. Samadhan Mitkari, Dr. Pallavi Surase, Dr. Sharmila Jalgaonkar, Dr. Hemangi Chaudhari, Dr. Amit Bhondve, Dr. Archana Sonawala, Dr. Tushar Bandgar, Dr. Mayur Thakkar, Dr. Hemant Dahake, Dr. Archana Gore.

The Secretary Dr. Nitin Dange has transferred from KEM Hospital and newly appointed as a Secretary of staff society Dr. Roshan Wade of Executive Committee meeting on 10.10.2023.

Monthly Research / Clinical Meetings: 4

- Friday 6th January 2023 at 2.00 pm in MLT: Research/Clinical presentation by the department of OBGY.
- Friday 7th June 2023 at 2.00 pm in MLT: Research/ Clinical presentation by the department of Pediatric.
- Monday 11th September 2023 at 1.00 pm in MLT: Research/Clinical presentation by the department of Cardiology and Nephrology.
- Monday 30th October 2023 at 2.45 pm in MLT: Research/Clinical presentation by the department of Orthopaedic.

Telemedicine

The Maharashtra Telemedicine Project was initiated as a collaborative project of Indian Space Research Organization (ISRO), Govt. of Maharashtra (GoM) and Brihanmumbai Municipal Corporation (BMC). 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. The KEM Telemedicine Center is working as a "Specialty Center" and its doctors are providing expert advice (all specialties and super-specialties) to patients and doctors from these peripheral centers.

The working of the KEM Telemedicine Center is supervised by the KEM Telemedicine Committee comprising of :

Chairperson: Dr. Sangeeta Ravat (Dean, KEM Hospital).

Members:

- Dr. Dnyaneshwar Kurle, Associate Professor, Department of Pharmacology.
- Dr. Tushar Rathod, Associate Professor, Department of Orthopedics.
- Dr. Milind Tullu, Professor (Additional), Department of Pediatrics.

The day-to-day working of the Center is carried out by Mr. Sandeep Mehendale, the Facility Manager.

In the period January 2023-November 2023 a total of 9781 patients have derived benefit of 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 BMC are providing their contribution for promotion of health of Maharashtra's rural populace. Many departments also use the KEM Telemedicine Centre facilities for scientific lectures, academic communications and training programs.

Support Services

Support Services

Diet

- Clinical Dietetic Service
 - o Mrs. Safala Mahadik (CVTC Dietitian)
 - o Patient's nutritional assessment, diet planning and counselling are done on daily basis for
 - o both indoor and outdoor patients of Chest medicine and CVTC departments
 - o Daily ICU rounds - LICU (ward 31), IRCU (ward 32) and ICCU (ward 35)
 - o Oral diet or enteral or parenteral nutrition is advised based on assessment
 - o Diet planning and counselling for new cases of inborn errors of metabolism referred from ward or Paediatric Research Laboratory (PRL) along with regular follow ups of old cases
 - Total numbers of patients seen annually are approximately 14000-15000
 - o Besides patient service, give guest lecture to post graduate students, nursing staff etc.
 - o Mrs. Neha Pansare (Diet Dept.)
 - o Ms. Shruthi Shettigar (Diet Dept.)
 - o Nutritional Assessment, Diet planning and counselling of both indoor and outdoor patients referred from medical, surgical, pediatric, orthopedic and other specialty units.
 - o References from ICUs viz. AICU, IPCU, etc. are also done and daily round at SICU.
 - o Patients with wide spectrum of diseases like Hypertension, Diabetes, Gastrointestinal, Cardiovascular, Renal, Burns, Cancer, PEM, Inborn error, etc. are assessed and accordingly Oral diet, Enteral Nutrition or Parenteral Nutrition is advised
 - Total numbers of patients seen annually are approximately 10000-12000
- Besides above mentioned clinical aspect, kitchen dept. is also being managed-
 - Quality checking of perishable food items (vegetables, fruits, grocery, etc) on daily basis
 - Quality checking of non-perishable food items (viz. dried pulses and dals, spices, etc.) at each delivery as well as intermittently
 - Supervising food preparation, distribution and food tasting on daily basis
 - Ensuring maintenance and hygiene of kitchen, kitchen equipment and kitchen staff
 - Miscellaneous works viz. attending to various problems encountered in kitchen on daily basis
 - Attending Diet Sub Committee meetings and other activities
 - Conducting session on nutrition and food service management for Nursing and Medical Professionals
- Important Note: Since at present 1 post of Dietitian at AKD department is vacant, all referred IPD and OPD kidney patients (including dialysis and transplant) are being consulted by Diet Department dietitians only
 - o Ms. Deepa Nachankar (Endocrine Dietitian)
 - o Attending both inpatients and outpatients of Endocrine department- Nutritional assessment, diet planning, counselling, etc.
 - o Attending patients admitted in MICU (daily ward round)
 - o Oral diet or enteral or parenteral nutrition is advised based on assessment
 - o Attending patients referred from School clinic
 - Total numbers of patients seen annually are approximately 14000-15000
- Academic role
 - o Training of post-graduate dietetics interns from various institutions across India that includes both college and Registered Dietitian internship
 - o Guest lecture for nutrition post graduate students as and when required
 - o Conducting nutrition education program for maternity homes, mid meal planning/ Poshak aahar for BMC schools and other rural schools and hostels under Maharashtra state
- Kitchen Service
 - o Our in-house kitchen caters therapeutic food to around 1200-1300 IPD patients on daily basis.
 - o In year 2023, kitchen had undergone renovation with installation of various advanced equipment like vegetable cutting machine, vegetable washing machine, pulveriser, rice boiler, insulated food containers etc. enabling improve-

ment in food service

- o On important occasions like Foundation day, Independence day, Diwali, etc. all IPD patients are served special dish.
- Special Achievement
 - o Contributed in preparing booklet - “Poushtik Aahar Margadarshak Pustika” and also delivered lecture in various BMC school for children and teachers on healthy food habits.
 - o Delivered talks and shared expertise in various awareness programs, CME, conferences etc. within our hospital and at national and international level.

Library

Education:

Highlights and Achievements:

- Seth G.S. Medical College, Library Subscribed 136 journals. The online access to all journals was made available on Intranet.
- Subscribed following 6 databases, online access to all Databases is available on Intranet.
 - o Clinical key
 - o Proquest Health & Medical Complete
 - o Ovid MD
 - o Up-to-date
 - o Thieme MedOne Education
 - o Clinical Key Student
- ‘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.
- More than 10000 e-books and more than 3000 e-journals and Dissertation & Thesis (1637- current) are available. “Times of India” (1838-2007) are also available on “Proquest” medical database.
- Online access to 147 e-books and 146 e-journals available on “Ovid MD” medical database.
- UPTODATE is a medical database having text information.
- 170 ebooks are available in Thieme MedOne Education.
- Clinical Key student is an interactive education platform that supports students and faculty by enhancing the learning experience with tools tailored to develop and assess the medical knowledge of aspiring professionals.
- Arranged orientation program for first year undergraduate students on 5th Oct.2023
- Internet section has been renovated with new chairs and cubicles.

Holdings:

Library journals’ holdings are available on the KEM website on Intranet.

Updated Library books’ list is available on islim on Intranet.

Links are given to all online resources of the Library on Intranet webpage, under the broad heading, ‘Library Resources’.

Donation and Grants:

- We have received the membership of National Medical Library’s ERMED Consortia. This has enabled to access 239 online journals and “Access Medicine” and “BMJ Case Reports” medical databases.
- Free Trial access was given to following e-resources.
 - o CheckForPlag -27th Sep.2023.

Looking Ahead: Education:

- To subscribe more databases and planning to subscribe more e- resources, so that Doctors will get relevant latest information immediately at their fingertips. Digitalization of old and new reading materials will facilitate the availability of library resources electronically.
- We have arranged following Webinars/user training programs for Institutional members.
 - o NML – 28-03-2023 & 05-04-2023 & 17-05-2023 & 18-05-2023
 - o Thieme MedOne -5/10/2023
 - o Clinical Key Student- 5/10/2023

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.

- Proposal put up for purchase of tables and steel chairs and for students.

Library Committee :

The Library Committee is an advisory committee and following members are present in it.

- Dr. Sangeeta Ravat - Dean
- Dr. Ravindra Deokar - Incharge
- Dr. Nitya Gogtey - Member
- Dr. Kavita Joshi - Member
- Dr. Dr. Yogesh Pawade - Member
- Dr. Swati Paranjpe -Member
- Dr. Amit Bhondve - Member
- Dr. Tushar Rathod - Member
- Mrs. M. S. Khochikar - Secretary

Contact information : Staff

Designation	Names	Contact No.	Email
Ch.Med.Librarian	M.S.Khochikar	9322155296	madhuri.khochikar@gmail.com
• Lib.Asst. –	Five	7072	
• Lib.Attendent-	Two	7120	
• Servant -	Five	7120	

Nursing

- Nurses focuses on the speciality dedicated and devoted care of individual and their families to help them to recover from illness and maintain optimal health and quality of life
- 18 nurses awarded for their degree, post graduation and speciality courses.
- Nurses participated in outdoor blood donation campus also enthusiastically worked in blood relief camp and disaster management.
- Nurses conducted plantation and environmental cleanliness programme.

Pharmacy

Mr.Prakash G.Mahale, Supdt. of Pharmacy

PHARMACY / C.S.S.D.

Contact No. 7017 and 7423

- The Pharmacy Dept. performs Steam sterilisation & E.T.O. Gas sterilisation of materials received from wards and O.T.'s.
- Supply of distilled water & distilled water to wards and laboratories and various KEM Ward's & Dept. as well as in M.C.G.M Garages in Mumbai.
- Pharmacy Dept.conduct training session for pharmacy collage students.Orientation given about functioning of C.S.S.D., Pharmacy, functioning of stores, various dispensing units, preparation of various mixtures, ointments, lotions and distillation unit to students of Diploma and Degree College of Pharmacy & to post graduate Hospital Administration students on their hospital training as well as in Hospital Pharmacy training.

Activities

- Mr. Prakash G. Mahale Supdt. of Pharmacy and Mr. Sheetal V. Chandan, Sr.Pharmacist working in Pharmacy Department.
- Mr. Prakash G. Mahale member of Hospital Infection Control Committee
- Mr. Sheetal Chandan member of PVPI at KEM Center

Special Achievement

- In our Pharmacy Department we provide PD fluid to AKD Patient for Dialysis under the guidance of AKD Dept.
- In Pharmacy Dept issue Inj.Insulin to Type two Diabetes pt and Juvenile Diabetes pt as per guidance of Endocrine Dept. as this facility provide first time in public Hospital as we dispensing Inj.Insulin from Dispensary no.31.

Staff Working at Pharmacy Department

- Supdt. of Pharmacy
- Sr. Pharmacists

- Laboratory Technicians
- Laboratory Attendants

Dispensary

Contact No. 7407

Medicines are dispensed through i.e. Dispensary no.31,CVTC Dispensary,Orthopaedic Dispensary (1 Main unit is working round the clock) to the O.P.D. patients and various preparation 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

- All the Dispensaries are governed by Supdt. of Pharmacy Mr.Prakash G Mahale and
- Head Pharmacist, Mr.Ravindra Pataskar I/C
- Senior Pharmacists
- Pharmacists

Medical Stores

Contact No. 7416

Administrative Officer-Head Clerk (Medical-Store)

- The medicines procured by the Medical and General Stores is being approved by Pharmacy Dept.
- The Medical Stores is governed by Pharmacy Dept. Four Pharmacists are posted in Medical Stores. In the stores the medicines are procured, stored and distributed to various wards, dept., theatres as per the requirement.

Social Service

Total Number of Patients: - 36,331 (Thirty – six thousand, Three Hundred and Thirty-one)

Total Donation: - ₹ 12,50,94,333/- (Rupees Twelve Crore, Fifty Lakh, Ninety- four thousands , Three Hundred and three only)

CSR Donation: - ₹ 1,99,00,000/-(Rupees One Crore, Ninety-nine lakh only)

Community Development Officers are engaged in various patient care activities such as individual counselling, Family counselling, Assessment of Municipal Charges, Total No. of discharge Assessment of patients, Medico Legal cases, Group work, Medical and Material Aid, Rehabilitation (Referrals to other agencies) & Follow up of patients with their respective departments.

Highlights & Achievements:

- G.T.Sheth Trust provided finance for medicines to all department patients in emergency situation upto March 2023
- Aadi Jin Yuvak Charitable Trust help for medicines and equipments.
- Cochlear Implant Surgeries donation arranged by Community Development Officer.
- Social Service Department – CSR Wing connected with several public sector units, private corporates. It was successful in generating CSR funding.

Patient care:

- Counselling, donations & rehabilitation of patients. Total no. of patients counselled by CDO's – 36,331 /- (Rupees Thirty – six thousands, Three Hundred and Thirty one)
- In collaboration with NGO Nareindas Morabai Budhrani Trust counselling services by trained CDO's and Psychologists. Financial support for Haematology and Chemotherapy patients and Breast OPD cancer patients.

Community care:

- World No Tobacco Day
- Nurses Day
- De-addiction Day.
- World Mental Health Day
- International Divyag Day
- International Women Day
- Thalasmia Day Care Ward activities.

Donations and grants:

- Total patient specific donations collected by CDO's for patients surgeries and medications Rs. 12,50,94,333/- (Rupees Twelve Crore, Fifty Lakh, Ninety-four thousands, Three Hundred and three only)
- Donation of 500 Blankets for our KEM Hospital admitted patient.

- Donation of T. Nilotinib of Rs. 2,06,800/- for chronic myeloid leukemia patients by Sanyog Trust.
- Distributed 35 stools for patient relatives.
- Donation of adult diapers (Nos.222), under pads (25 nos) and glove's boxes for our KEM Hospital admitted patients.
- Donation of lifebuoy hand wash (380 ml), fruits and Masala Chhaskas to ward 42 Haematology patients.
- Donation of 1600 vials of insulin to Endocrinology department & one electro-surgical cautery machine to ENT Department.
- Donation of 1,680 Woollen Socks (Small & Big Size) and 1,797 Winter Gloves (Small & Big Size) for our KEM Hospital admitted patients.
- Donation of seating stools for relative of patients who are admitted in ophthalmology department.
- High Cost Antimalarial Drugs for Cancer Patients.
- Donation of weighing machine. It is used in Gastroenterology and Urology OPD for checking and recording weight of patients.
- Donation of children diaper for admitted patients.
- Donation of 60 office chairs
- Donation of Soya Milk for Paediatric Surgery patients.
- Donation of Soya Milk Tetrapacks for Paediatric Medicine patients.
- Fruits distribution to Paediatric Department in ward 1,2 and 3 and Orthopaedic Department.
- Donation of Thermawear two insulated boxes for Thalassemia Day Care Ward.
- Footwear distribution drive in Paediatric Department, KEM Hospital.
- Donation of Reusable B.P.Cuff (Adult) for G.I.Surgery Department, KEM Hospital
- Donation of Water Purifier for Cash Department at Room No. 56, KEM Hospital
- Donation of 10 wheelchairs and 200 office files for Haematology Department.
- Donation of towels, bags and socks for the indoor patients of Paediatric Department, KEM Hospital.

Contact Information

Contact Information

Department name	Designation	Intercom	Landline no.	Mobile no.	E-mail Address
Administration					
Sangeeta Ravat	Dean	7700	24107862		deangsmc@kem.edu
Harish Pathak	Academic Dean	7020	24107862		
Mohan Desai	Medical Superintendent				mohandesai@kem.edu
Ajay Rana	Deputy Dean				
Vaishali Gondane	Assistant Dean I				
Manoj Telkatvar	Assistant Dean II	7053			
Shamal Patole	A/O Nursing	7019	24107019		
Changdeo Sarukte	A/O K and A/O S	7808			
Swati Shinde	A/O Labor				
Rajesh Kurhade	A/O GSMC	7032	24107434		
Namrata Dolas	Front desk manager (Dean Office)	7020			namrata1dolas@gmail.com
Support Services					
Engineering (Civil)					
Hemant Gaikwad	AE Civil	7454			
RohanValvi	SE Civil				
Prasad R Gosavi	SE Civil	7454			
Varun Buwa	JE Civil				
Engineering (Mechanical & Electrical)					
Neha Sankhe	Asst. Engineer	7768	24107799		ae02me@mcgm.gov.in
Pranay Pawar					
Vinay Shedge	Sub Engineer				
Kiran Nalawade					
Ketan Gawande					
Rohan Valvi	Junior Engineer	7456			
Prafulla Kuppte	IT				
Nursing					
Pratima Naik	Matron	7013	24107013		
Sushmita Pimple	Sr. Asst. Matron				
Lata Kamble	Sr. Asst. Matron	7013			
Sindhu Mane	Sr. Asst. Matron				
Pranita Sankhe	Jr. Asst. Matron	7013			
Shweta Lad	Jr. Asst. Matron	7013			
Sushma Shirke	Jr. Asst. Matron				
Sunita Patil	Theater Superintendent				
Geeta Dahanukar	Theater Superintendent				
Social Service					
Sadhana Bhatkhande	HOD SSD I/C	7075			
Shambhudeo Dalvi	CDO	7055			
Rajesh Kamble	CDO	7430			
Subhash Salve	CDO	7849			
Uma Jadhav	CDO	7096			
Vijay Jawlekar	CDO	7484 / 7080			
Prakash Sawant	CDO	7723			
Vasant Sutar	CDO	7079			

Department name	Designation	Intercom	Landline no.	Mobile no.	E-mail Address
Dadaso Sonwalkar	CDO	7745			
Deepak Shingane	CDO	7489			
Rupali Redkar	CDO	7056	24107055		
Ashwini Patil	CDO	7820			
Vijaykumar Rathod	CDO	7723			
Sarala Ladhe	CDO	7421 / 24135189			
Chandrashekhar Koli	CDO	7271			
Diet & Linen					
Vinod Kamble	Head Clerk	7403			
Safala Mahadik	Sr. Dietician	7865			safalmahadik@yahoo.com
Shruti Shettigar	Dietician				
Neha Amol Pansare	Dietician				
Deepa Nachankar	Dietician(Endo)				
Hospital Infrastructure Committee					
Roshan Wade	Member Secretary				
Ravindra Deokar	Joint Secretary				
Laundry					
Vinod Kamble	Head Clerk	7323			
Kisan Gawit	Assistant				
Library					
Ravindra Deokar	Library Incharge				
Maduri Khochikar	Chief Medical Librarian	7499	24107499		infolibrary@kem.edu
Shreya Sapre	Junior Librarian	7499	24107499		
Pharmacy					
Prakash .Mahale	Superintendent	7017			
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Hospital Infrastructure Committee					
Ravindra Deokar	Secretary				
Roshan Wade	Joint Secretary				
Committees, Societies, Services and Publications					
Gosumec Alumini					
Ravindra Deokar	Member Secretary				
Ujjwal Rathod	Joint Secretary				
Gita Nataraj	External Member				
Institutional Animal Ethics Committee					
Shruti Bhide	Member Secretary	7444			shrutibhide72@gmail.com
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Institutional Ethics Committee-I					
Raakhi Tripathi	Member Secretary	7515			iec-1@kem.edu
Nithya Gogtay					
Institutional Ethics Committee-II					
Priyanka Prasad	Member Secretary	7477			iec-2@kem.edu
Institutional Ethics Committee-III					
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Shirish Joshi					

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Mariya Jiandani	Associate Editor				
Shweta Salgaonkar	Associate Editor				
Charan Lanjewar	Assistant Editor				
Sharmila Jalgaonkar	Assistant Editor				
Urwashi Parmar	Assistant Editor				
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Food, Hygiene & Cleanliness					
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Parking Committee					
Ravindra Deokar	Secretary	7620/ 7073			
Tushar Rathod	Joint Secretary				
Research Society					
Rajneesh Pandey	Hon. Gen.Secretaries	7406			researchsociety@kem.edu
Kavita Joshi	Hon. Treasurer	7406			researchsociety@kem.edu
Department name	Designation	Intercom	Landline no.	Mobile no.	E-mail Address
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Anjali Telang	Assistant Professor	7594	24107594	9766531710	anjalitelang@kem.edu dranatelang@gmail.com
Dhaval Patil	Assistant Professor	7447	24107447	9869611917	dhavalpatil@kem.edu drdhavalpatil@gmail.com
Sarita Margam	Assistant Professor	7447	24107447	9765934863	saritamargam@kem.edu margamsarita@gmail.com

Department name	Designation	Intercom	Landline no.	Mobile no.	E-mail Address
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Anesthesia					
Amla Gurunath Kudalkar	Professor & Head	-	022 24228303	9869134209	gurukudalkar@yahoo.co.in
Deepa Ghanashym Kane	Professor	-	022 24382727	96193 13331	deepakane64@gmail.com
Sweta Viraj Salgaonkar	Professor	-	022 25556455	98690 78541	swetavs@gmail.com
Prerana Nirav Shah	Professor	-	022 26718940	98691 17027	preranaps@rediffmail.com
Manali Mohan Nadkarni	Professor	-	022 28752698	98202 35042	manalinad@gmail.com
Rajendra Dahyabhai Patel	Emeritus Professor	-	022-24186176	9833233761	drkrd59@yahoo.co.in
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Shashikant Sahadev Shinde	Professor (Additional)	-	022 21661503	99204 18348	shash62@yahoo.com
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Shrikanta Pradumna Oak	Professor (Additional)	-	022 24101018	93241 34023	shrikanta_oak@yahoo.com
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केईएम रुग्णालयाचे आहारगृह चकाचक

रुग्णांना गरमागरम जेवण; इस्कॉनच्या धर्तीवर सेवा

सकाळ वृत्तसेवा

KEM, Piramal join hands for tribal health outreach

TIMES NEWS NETWORK

11-yr-old youngest in country to undergo hip replacement

OPERATED AT KEM; WAS IN PAT

केईएम रुग्णालय आणि पिरामल फाऊंडेशन यांच्यात सामंजस्य करार

२८ लाख आदिवासी बांधवांना करणार सशक्त

Free insulin for juvenile type-1 diabetes patients at KEM hospital

RUPSA CHAKRABORTY MUMBAI, AUGUST 20

मुंबई : पुढारी वृत्तसेवा
राज्यातील अतिदुर्गम विभागातील आदिवासी जिल्ह्यातील आरोग्य व्यवस्थेला बळकटी देण्यासाठी केईएम रुग्णालय आणि पिरामल फाऊंडेशन यांच्यात तीन वर्षासाठी सामंजस्य करार करण्यात आला आहे. यामध्ये २८ लाख आदिवासी लोकांच्या आरोग्यावर लक्ष केंद्रित करण्यात येणार असून या लोकांच्या आरोग्याच्या समस्यांतून मुक्त करण्याचा निर्धार केला आहे. यासाठी केईएम रुग्णालयाच्या

पालघर जिल्ह्यापासून करणार सुरुवात
पालघर जिल्ह्यात ६८ टक्के आदिवासी लोकसंख्या असल्याने येथील आरोग्य प्रतिपाद येणार ३ येणार ३ आदिवासी स्वयंसेवक बालक असंभार करण्यात राबविण

कमतता आढळते याचबरोबर कुपोषण आणि क्षयरोगाचे प्रमाणही



पालिका रुग्णालयांमध्ये सुरु होणार 'रुग्ण मित्र' मदत कक्ष

रुग्ण व त्यांच्या नातेवाईकांना मिळणार माहिती व मदत

◆ मुंबई (प्रतिनिधी) :

पातळीच्या सर्व प्रमुख रुग्णातर्फीत येणारे रुग्ण लसून त्यांच्या नजरेपुढील माहिती व मदत देण्यासाठी 'रुग्ण मित्र' मदत कक्ष अर्थात हेल्प डेस्क सुरू करण्यात येणार आहे. मुंबई व पणपूर निलया पातळीमधील सगळे प्रगत रुग्णालये यात सुरु होणार आहे. रुग्णालयांमध्ये रुग्णांच्या समस्यांवर लक्ष ठेवून त्यांना मदत देण्यात येणार आहे. रुग्णालयांमध्ये रुग्णांच्या समस्यांवर लक्ष ठेवून त्यांना मदत देण्यात येणार आहे.



Kidney patients get unique registry at KEM

{ NAMED AFTER MOTHER OF INDIAN NEPHROLOGY } FIRST OF ITS KIND IN THE COUNTRY

Payal Gwalani

patients years after their transplant, helping us understand the needs of kidney patients better," said Dr. Tukaram Jamale, head of the nephrology department. He added that these were the first studies of their kind in the country.

Dr Vidya Acharya?

Environment and socio-economic conditions play a

Dancing grandmother & droopy neck... KEM docs diagnose rare brain disorders

TIMES NEWS NETWORK

Mumbai: A grandmother who would suddenly break into dance-like movements with her hands or hit disorders in the rarest of cases, those of an elderly woman's family members turned to KEM Hospital for help. The woman had uncontrolled movements for the last eight years, and over the years her cognition declined and she had the beginnings of dementia when she was brought to us. The woman seemed to have lost her inhibitions, especially about her behavior, and her children were worried.

cases presented as the 'most difficult to diagnose' cases in the world of neurology, said Dr. Sangeeta Ravat, who is also a neurologist. Dr. Pankaj Agarwal, an honorary neurologist at KEM Hospital who was a part of the team that diagnosed the case, said, "We found the woman had uncontrolled movements for the last eight years, and over the years her cognition declined and she had the beginnings of dementia when she was brought to us. The woman seemed to have lost her inhibitions, especially about her behavior, and her children were worried."

on Movement Disorders held in Copenhagen recently said, "Only 285 cases of DRPLA are known in medical literature so far. In India, this is the third known case," he said. It was a series of tests, including an MRI scan and a genetic test, that identified her condition. "The most telling finding was that the brain's white matter had hyperintensified while other parts had atrophied," said Dr. Sangeeta Ravat. DRPLA is more prevalent among the Japanese and is known to be a genetic disorder.

sented was about a policeman from Uttar Pradesh who couldn't walk or sleep on the job. His neck would constantly droop," said Dr. Ravat. The Sultampur cop's condition was misdiagnosed as Parkinson's Disease or Amyotrophic Lateral Sclerosis (ALS). In October 2022, as his weight dropped from 97kg to 57kg over 18 months, he was referred to KEM. Now doctors say he has DRPLA.

मानसिक आरोग्यासाठी 'सक्षम' मुंबईकरांकरिता केईएम रुग्णालयाने तयार केले ऑप

तिन्ही भाषांचे पर्याय

मानसिक रुग्णांच्या संख्येत वाढ झाली आहे. अंदाजानुसार ७५ ते ८० टक्के लोक रुग्णालयात जात नाहीत. त्यामुळे रुग्णांकरिता मानसिक आरोग्य सुधारणे प्रशासनाकडून सांगण्यात आले. रुग्णालयाने विकासित केलेल्या या ऑपरेशनचे निष्पत्ती, सेल्फ-हेल्प ग्रुप आणि तज्ज्ञांची मदत असे तीन विकल्प

यात आहेत. विविधमध्ये नेत्राग्यासाठी मानक स्केलवर आधारित रुग्णांच्या आरोग्य प्रश्नावलीचा समावेश आहे. यासाठी एका खेळाप्रमाणे डिझाईन केला आहे. हे ऑप वापरकर्त्याचे करण्यात मदत करते. मानसिक आरोग्य स्कोअरचे विश्लेषण

राज्यातील ग्रामीण भागातील नागरिकांनाही या ऑपरेशनचा माध्यमातून मदत मिळावी, यासाठी आरोग्य विभाग आणि कार्यकर्त्यांचे

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