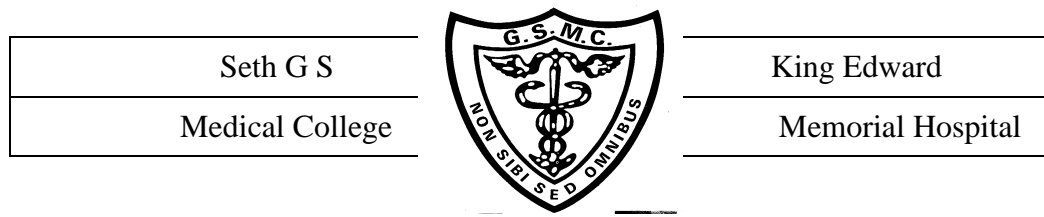


## Department of Gastroenterology



Mumbai 400 012, India. Phone: (22) 2413 6051. Tele fax (22) 2410 3057

Date: 15<sup>th</sup> December 2017

To  
The Dean  
Seth G S Medical College & KEM Hospital  
Parel, Mumbai – 12

Sub: Annual Report for year 2017 of Department of Gastroenterology.

Respected Madam.

We are submitting the annual report of our department for the year 2017. The details are mentioned as below:

### **Pioneering activities**

Noteworthy activity for the year 2017:

The Liver Clinic was established in 2007. The Clinic is scheduled on Monday morning and Friday afternoon; and approximately 195 patients are seen in every week. More than **18000** patients with liver disease have been registered in this clinic.

The Liver transplant OPD was started this OPD is run on Friday between 11.00am & 1 pm. The Liver ICU construction has been completed. This 6-bedded unit will cater to patients with liver failure due to various causes, and also for care during the post transplant period. The staff and equipment requirements for this unit are awaited.

### **Departmental Profile**

The Department of Gastroenterology was established by Dr B D Pimparkar. Since its inception, the department has rendered excellent clinical care, endoscopic work and contributed important research data in the Indian context. Following Dr Pimparkar's retirement as Professor, Dr S R Naik took over; he moved to Lucknow in 1988. The department was then headed by Dr P Abraham. Dr Shobna J Bhatia took over as Professor and Head in March 2006.

### **List of faculty members**

Dr Shobna Bhatia, (Professor and Head)

Dr. Akash Shukla (Professor till Aug 2017), Now promoted as Professor and Head in LTMMC and LTMGH from 1 Sept 2017.

Dr. Deepak Kumar Gupta (Promoted as Associate Professor from 18 Sept 2017 )

Mrs Megha Meshram, ( Technician)

7 postdoctoral students; 2 Registrar

**Membership in professional bodies-each staff member wise/professional body wise**

**Dr Shobna Bhatia:** Indian Society of Gastroenterology, Association of Physicians of India, Indian National Association for Study of Liver, American Gastroenterology Association

**Dr Akash Shukla:** Indian Society of Gastroenterology, Indian National Association for Study of Liver, European society for study of Liver, Gastro Research Society, Member secretary in zonal transplant coordination center.

**Dr. Deepak Gupta:** Member secretary of Gastro Research Society

**Office bearers of Professional bodies**

**Dr Shobna Bhatia:**

National Co-ordinator, ISG Task Force on Gastroesophageal Reflux Disease

Core group member, ISG Task Force on Irritable Bowel Syndrome, Inflammatory Bowel Disease

Member: Guidelines Committee on IBS – World Gastroenterology Organisation

Core Group Member: Asian IBS consensus on Diagnosis

Asian Barrett's consortium

Advisory member NDAC, Delhi

**Faculty participation in seminars, conferences, workshops, CME etc.**

**Dr Shobna Bhatia**

**Faculty:** 1<sup>st</sup> World Congress GI Endoscopy-Endo February 2017

DNB inspection, Kerala, March 2017

Task Force Committee on IBD , On Para TB, New Delhi, March 2017

American society for Gastrointestinal endoscopy (ASGE), USA, May 2017

DM exam, G.B.Pant Hospital, July 2017

Redefining the present and future scope of Endoscopy workshop, Tamil Nadu, October 2017

MOHFW, meeting of National Action Plan for Viral Hep, October 2017

A.P.NET Conference, October 2017

DM Practical exam, SGPGI, Lucknow, November 2017

58<sup>th</sup> Annual conference of ISG, December 2017

**Dr. Akash Shukla**

VALDIG conference, Switzerland, February 2017

Attended TISS-EPGDHA contact class. February 2017

Idiopathic portal hypertension as common final pathway of vascular liver disease conference, Switzerland, April 2017

4<sup>th</sup> Biennial Conference Motility and Functional Disease Association, Hyderabad, April 2017

Attending INASL, July 2017

DM exam, Nagpur, August 2017

### **Dr. Deepak Kumar Gupta**

Endo-2017, February 2017

GIFTCON 2017 conference, July 2017

Pancreas India Meet, November 2017

### **Organizing of seminars/conferences/Workshops/ Examinations etc.:**

1<sup>st</sup> Gastro research society meeting in June 2017

POEM (Peroral endoscopic myotomy) workshop in June 2017

World Hepatitis day program “Awareness on Hepatitis for health care workers” in July 2017

Seminar on hepatitis C

Hepatology quiz June 2017

DM Examination Aug 2017

### **International Faculty for conference –**

Dr. Stephen

### **Overall highlight of patient care services**

#### **Patient care**

The Gastroenterology O.P.D. is conducted four times a week on Monday, Wednesday, Friday Special Care Liver and Saturday morning. **Number of patients seen:**

O.P.D. Patients	
New patients	6456
Follow up patients	14317
Indoor Patients	
Admitted to Gastroenterology wards (32A & 41)	1570
Referred patients (Indoor)	
Procedures	
Diagnostic	
Upper GI Scopy	4200
Colonoscopy	1200

E.R.C.P.	672
Proctoscopy	900
Liver Biopsy	245
EUS procedures	400
Therapeutic Procedures	
1. Esophageal Variceal Sclerotherapy	134
2. Esophageal Variceal Band / Loop Ligation	960
3. Endoscopic clipping for bleeding lesions/ polyps	62
4. Esophageal Dilatation	244
5. Esophageal Prosthesis Placement	8
6. Gastric varices with glue	150
7. Bleeding Ulcer Injection	320
8.EUS therapeutic Biopsy	135
9.POEM	4
10.Argon Plasma Coagulation	50
11.Endoscopic biliary sphincterotomy	550
12. Endoscopic pancreatic sphincterotomy and drainage	60
13. Pancreatic cyst drainage	22
14. Polypectomy	82
15. Foreign Body removal	114
16.Percutaneous endoscopic gastrostomy	18
17.Rectal Stricture Dilatation	20

### *Special Procedures*

*Endoscopies in children are done under general anesthesia: 250*

### ***Special Investigations***

Esophageal Manometry was done in **127** patients.

Anorectal manometry: **157** Antroduodenal – 1, pH metry: 07

Timed Barium swallow- 30

Thromboelastogram (TEG) - 56

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

## **Education**

International Observers and Elective trainees: - External Rotation posting from Tata Hospital  
– Dr.Vaneet Jairth

Courses offered and intake for the Current year

DM Gastroenterology; **2** students

PhD / MSc (Applied Biology), No students admitted this year

New courses added and intake for the current year: nil .

Staff representation in University Committees, BOS and other academic bodies: nil

Training workshops on education conducted and number of participants:

Student placements : Nil

Academic committee: Nil

Library: Nil

## **Research *Ongoing projects***

1. Validation of Nutrient drink test for evaluation of gastric accommodation in functional dyspepsia.
2. Study of Anorectal manometry data in healthy subjects using high resolution manometry.
3. Long term outcomes of patient with auto immune liver disease in tertiary care center in India: a retrospective study.
4. Comparison of profile of hepato cellular carcinoma in three tertiary care referral centers.
5. To study interobserver variability in the classification of defecatory disorder (DD) on high resolution manometry.
6. Study the prevalence of various grades of esophagitis in India.
7. Impact of portal vein thrombosis on outcome of acute on chronic liver failure.
8. A study of erectile dysfunction in male budd Chiari syndrome (BCS) patients before and after appropriate therapy .
9. To find the local pattern of anti-microbial resistance among the isolates of *H.pylori* at KEM hospital in Mumbai.
10. Validation of AARC grading of liver failure as a prognostics index in budd Chiari syndromes (BCS) patients presenting with acute in chronic liver failure(ACLF).

## **Clinical Trial ongoing**

1. Clinical Trial on Hepatitis B Tenofovir Alafinamide HBeAg negative (Phase III)
2. Clinical Trial on Hepatitis B Tenofovir Alafinamide HBeAg Positive (Phase III)
3. Clinical Trial on Hepatitis C Sofosbuvir + Velapasavir (Phase III)
4. Clinical Trial on Non alcoholic steatohepatitis (NASH) Saragitazole

## ***Completed projects presented in conferences***

## **Community Care**

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

Social Awareness camps and lectures: Nil

## **Publications:**

### **Dr.Shobna Bhatia**

1. Hunt R1, Armstrong D, Katelaris P, Afihene M, Bane A, Bhatia S, Chen MH, Choi MG, Melo AC, Fock KM, Ford A, Hongo M, Khan A, Lazebnik L, Lindberg G, Lizarzabal M, Myint T, Moraes-Filho JP, Salis G, Lin JT, Vaidya R, Abdo A, LeMair A; Review Team:. World Gastroenterology Organisation Global Guidelines: GERD Global Perspective on Gastroesophageal Reflux Disease. *J Clin Gastroenterology*. 2017 Jul;51(6):467-478. doi: 10.1097/MCG.0000000000000854
2. Shukla A, Sadalage A, Gupta D, Gupte A, Mahapatra A, Mazumder D, Shah C, Modi T, Meshram M, Dhore P, Bhatia S. Pregnancy outcomes in women with Budd Chiari Syndrome before onset of symptoms and after treatment. *Liver Int*. 2017 Aug 21. doi: 10.1111/liv.13552.
3. Kahalekar V, Gupta DT2, Bhatt P, Shukla A, Bhatia S. Fully covered self-expanding metallic stent placement for benign refractory esophageal strictures. *Indian J Gastroenterology*. 2017 May;36(3):197-201. doi: 10.1007/s12664-017-0764-2
4. Shukla A1, Gupte A1, Karvir V1, Dhore P1, Bhatia S1. Long Term Outcomes of Patients with Significant Biliary Obstruction Due to Portal Cavernoma Cholangiopathy and Extra-Hepatic Portal Vein Obstruction (EHPVO) With No Shuntable Veins.*J Clin Exp Hepatol*. 2017 Dec;7(4):328-333. doi: 10.1016/j.jceh.2017.04.003. Epub 2017 May 19.

### **Dr.Akash Shukla**

1. Shukla A, Sadalage A, Gupta D, Gupte A, Mahapatra A, Mazumder D, Shah C, Modi T, Meshram M, Dhore P, Bhatia S. Pregnancy outcomes in women with Budd Chiari Syndrome before onset of symptoms and after treatment. *Liver Int*. 2017 Aug 21. doi: 10.1111/liv.13552.
2. Kahalekar V, Gupta DT2, Bhatt P, Shukla A, Bhatia S. Fully covered self-expanding metallic stent placement for benign refractory esophageal strictures. *Indian J Gastroenterol*. 2017 May;36(3):197-201. doi: 10.1007/s12664-017-0764-2
3. Jain A, Tibdewal P, Shukla A. Calreticulin mutations and their importance in Budd-Chiari syndrome. *J Hepatol*. 2017 Nov;67(5):1111-1112. doi: 10.1016/j.jhep.2017.06.017
4. Jain A, Kahalekar V, Marar S, Gupta D, Sawrav S, Kiran S, Shukla A. Recanalization of TIPSS via transsplenic puncture. *Indian J Gastroenterol*. 2017 May;36(3):248-251. doi: 10.1007/s12664-017-0762-4.

5. Shukla A1, Gupte A1, Karvir V1, Dhore P1, Bhatia S1. Long Term Outcomes of Patients with Significant Biliary Obstruction Due to Portal Cavernoma Cholangiopathy and Extra-Hepatic Portal Vein Obstruction (EHPVO) With No Shuntable Veins. *J Clin Exp Hepatol*. 2017 Dec;7(4):328-333. doi: 10.1016/j.jceh.2017.04.003. Epub 2017 May 19

### **Dr. Deepak Kumar Gupta**

1. Shukla A, Sadalage A, Gupta D, Gupte A, Mahapatra A, Mazumder D, Shah C, Modi T, Meshram M, Dhore P, Bhatia S. Pregnancy outcomes in women with Budd Chiari Syndrome before onset of symptoms and after treatment. *Liver Int*. 2017 Aug 21. doi: 10.1111/liv.13552.

2. Kahalekar V, Gupta DT2, Bhatt P, Shukla A, Bhatia S. Fully covered self-expanding metallic stent placement for benign refractory esophageal strictures. *Indian J Gastroenterology*. 2017 May;36(3):197-201. doi: 10.1007/s12664-017-0764-2

### **In the limelight**

Recognition of any activity/ service: Nil

Letters of appreciation/any other form of appreciation: Nil

Student activities: NA

### **Awards and Honours :**

Donations and Grants :

List Regular donors Categorize them as Donations for :-

Patient care: Nil

Research: Nil

Training programs: Nil

Strengthening Department: Nil

Awards: Nil

Renovations - Nil

Cultural activities: Nil

Looking ahead

Future plan of department categorized into

1) **Patient care:** Establishment of a Liver ICU in coordination with Department of GI surgery for better management of patients with acute liver failure and post liver resection surgeries. Liver transplant is the only definitive treatment modality for patients with end stage liver disease. The cost of liver transplant surgery is prohibitive in private setup so even middle class patients cannot afford it. We have to develop our infrastructure so that we can

start providing this service at a much lower cost. This will require a multidisciplinary approach involving GI surgeons, anaesthetist, intensive care physicians and laboratory.

**2) Education:** Training for research and GCP for all residents.

**3) Research:**

**4) Campus and Infrastructure:**

**New Equipments**

High resolution Manometry

Solid state manometry

Thromboelastography

**Committees:**

Secretaries of all committees to prepare the annual report for the current year including the composition of the committee: NA

**Photographs :** Nil

**Support services**

Diet dept - Nil

Linen dept – Nil

Social service Dept - Nil

Staff Society – Nil

DDF- Patient care, Medical Education, Faculty Development Program, work environment, Research

DJST - Donations received Activities-Patient care, student activities, faculty development, work environment, medical research

Staff welfare programmes - Nil

Research Society – Grants awarded, Donations received

JPGM – Trends in number of manuscripts submitted, citations trends, overseas contributors, monthly hits and downloads, Mapping of JPGM visitors

Guest lectures and Orations –



**Contact Information:**

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2) Dr. Deepak Kumar Gupta - [dkgt@rediffmail.com](mailto:dkgt@rediffmail.com) Tel no – 24103057

Thanking you

Yours sincerely

Dr. Shobna Bhatia  
Professor and Head  
Department of Gastroenterology