

MEDICAL GASTROENTEROLOGY

MALABAR MEDICAL COLLEGE



Agenda

- Staff
- Clinical work
- Procedures
- Academic activities
- Research activities
- Interdepartmental collaboration
- Publications, presentation, faculty at national forum
- Online teaching

Staff

- Dr. Varghese Thomas, MBBS, MD, DM, MBA
Professor and Head
- Dr. Bhavith R MBBS, MD, DNB, DM, DNB
Associate Professor
- Dr. Reshmi R, MBBS, MD, DrNB
Assistant Professor

Endoscopy technicians : 3

Nurse -1, PRO-1, attenders-2, Cleaning staff-1

Residents and other trainees

- **Senior residents-DM Gastroenterology –(3) 2024**
- Dr. Abdulla Ibji MBBS, MD
- Dr. Ashok B, MBBS, MD
- Dr. Jayavardhan Reddy, MBBS, MD
- **Junior resident-vacant**
- **House surgeons –posted for 2 days**
- **Diploma in Endoscopic Technology** students: 6
- Interns: 6 per year

Academic activities

- Journal club – fortnightly
- Seminar- Basic sciences- weekly
- Seminar- Clinical topics- weekly
- Clinics: weekly once
- Mortality meeting- once a month
- Research activity progress- once a month
- Class for DET students- thrice weekly

Clinical activities

- OPD- Monday to Saturday
- Special Clinics: Liver clinic, IBD clinic, Functional bowel disease clinic
- Provide service to Sahani Hospital -3 days
- Cross consultations: References: Managed by senior residents with advice from consultants
- Inpatient care:
At present admitted in General Medicine Floor,
HDU, MICU
- Need a separate ward for MGE at the earliest

Procedures

- Diagnostic endoscopies-done on all OP days
Upper GI endoscopy, Colonoscopy, Sigmoidoscopy
- Therapeutic endoscopy
Variceal band ligation, EST, Fundal variceal glue injection, Control of bleeding lesions (hemoclip, hemospray, local injection of adrenaline, electro and heat coagulation) , FB removal
- Oesophageal stricture dilatation, SEMS stent placement, Percutaneous endoscopic gastrostomy (PEG), Obesity balloon placement

Special procedures

- ERCP: Sphincterotomy, CBD stone removal, CBD stent placement, Pancreatic duct stenting
- Ascitic fluid aspiration and study
- Liver biopsy

New equipments

- **Endoscopic Ultrasound**

Diagnostic EUS : FNAB of Mediastinal mass, upper abdominal mass, Para aortic and mesenteric lymph node biopsy, liver biopsy

- Pancreatic mass assessment; FNAB

- Local staging of pancreatic, esophageal and rectal lesions

- **Therapeutic EUS**

Cystogastrostomy, Gastrojejunostomy, Coeliac ganglion block, Choledocho duodenostomy, Cholecystostomy

- Pancreatic Necrosectomy

New Equipments

- **High resolution oesophageal manometry**
- **24 hour pH metry and impedance measurement**
- For diagnosis of oesophageal motility disorders and GERD
- **High resolution Ano rectal manometry**

Future plans for 2026

- Third space endoscopy:
POEM, ESD
- Bio feed back therapy for pelvic dyssynergia
- Anti reflux procedures : endoscopic
- Emergency endoscopy
- Attainment of special skills for faculty members in
advanced endoscopic procedures

Paramedical course-DET

- DET: Diploma in Endoscopic Technology: 6 seats
- 2 year course with 6 month internship
- Posting in GE department and OT, to get exposure to laparoscopy (abdominal and pelvic) bronchoscopy, cystoscopy, arthroscopy)
- Basic sciences classes: Pre and paraclinical departments
- First batch has appeared for exam and started internship
- Research work by DET students

Research activities

- Inter departmental collaboration: MD thesis
Psychiatry, Pathology, Dermatology
- Ongoing research activity-
DM residents -3, Faculty research- 4, DET – 6 topics
- Publications: 6 publications in last 4 years

Other academic activities

- Represented Kerala in National conferences, task force meetings and guidelines meetings
- Lead faculty for training of MGE residents –Indian Society of Gastroenterology programme
- Conducting weekly on-line PG clinics for DM/DrNB residents (All India) since beginning of Covid – Now 6th consecutive year
- Received Master of ISG Award in 2024 and Fellow of Indian Association for liver in 2024

Concerns

- ❑ ED referrals-with out basic evaluation
- ❑ House surgeons and senior residents wasting time for -clerical work, official approval for CT scan/Endoscopy, accompanying patients for radiology procedures
- ❑ No JR in the department to co-ordinate activities
- ❑ Language barrier for out station DM residents
- ❑ Separate ward for MGE



Thank you