

DEPARTMENT OF GASTROENTEROLOGY

The Gastroenterology Centre is a superspeciality centre recognized by the Railway Board. Cases referred from various zones of Indian Railways as well as from various divisions of Western Railways are managed in the centre efficiently. It was a recognized centre for DNB training in Gastroenterology. The centre is equipped with two state-of-art video-endoscopy units, endoscopic ultrasound, high resolution video manometry, single balloon enteroscope, image-intensifier as well as all the kinds of endoscopic accessories.

The GE centre was recognized by the National Board of Examinations, New Delhi for superspeciality degree of DNB (Gastro.). This recognition was obtained in 1994 and since then one candidate per year is being trained. Till now 9 doctors have been trained and have cleared the DNB (Gastroenterology) course. This was the third non-teaching institute in India to be accredited by NBE. Doctors from various zones of Indian Railways have been receiving training in endoscopy since the inception of the centre. Till date approximately 35 doctors from the Indian Railways have been trained. The nursing staff as well as hospital attendants from other railways and divisions have also received training in maintenance of endoscopes and accessories.

MANPOWER IN THE DEPARTMENT

DOCTORS- IRMS 1) -**Dr. Sharan Malipatil, DMO**-In charge of Department.

- DNB, DM (Consultant Gastroenterology, Hepatology, Interventional Endoscopy),

2) –**Dr. Anil Tambe, ADMO** [MD Pediatrics, PDCC Pediatric Gastroenterology)

3) SENIOR RESIDENTS -- Nil

4) HONORARY VISITING SPECIALISTS – 04

NURSING STAFF - 1) CNS – 02

2) SNS/ NS– 03

PARAMEDICAL STAFF – 1) FHA/MHA—02

2) DRESSER – NIL

3)SAFAIWALA – 01

SERVICES OFFERED BY THE DEPARTMENT –

- A. OPD- Mon, Wed, Sat.
- B. IPD- 24 hours
- C. GASTROINTESTINAL ENDOSCOPIC PROCEDURES
- D. GI EMERGENCIES

MACHINERY IN THE DEPARTMENT - all are in working condition

Sr No	Name Of Equipment	Date of Purchase
1	Paediatric Gastroscope XP-160	09-10-2007
2	Video-Gastroscope GIF-Q180	24-12-2009
3	Lightsource,Processor,Data Processing System-160 Model	12-02-2009
4	Video-Duodenoscope TJF -160VR	14-10-2008
5	Video Dudenoscope TJF 160 VR	13-08-2009
6	Video- Dudenoscope TJF 150 E	27-12-2017
7	Video- Pediatric –Colonoscope PCF Q180	22-08-2008
8	Video Colonoscope CFQ180 AL	19-01-2009
9	Video-Colonoscope EC-3890LK (Pentax)	20-11--2013
10	Theraputic Video-Gastroscope EG-3490K (Pentax)	16-09--2011
11	Video-Gastroscope EG 290KP (Pentax)	21-12-2017
12	Video--180 Model & Lightsource, Processor, Data Processing System	20-11-2010
13	Multi-Para-Meter - 1	4-07-2008
14	Boyles Apparatus – DS8	30.9.94
15	Various Accessories For Therapeutic & Diagnostic Uses	
16	Single Ballon-Enteroscope SIF-Q180	20-11-2010
17	Endoscopic Ultrasound System - DS8 (NEW PROCURMENT PROCESS GOING ON) [Eus] Hitachi Colour Doppler Machine With Out 3d Model-Eub-5500 Pentax Video Convex Ultrasound Gastroscope Model-EG-3870UTK Pentax Video Radial Ultrasound Gastroscope Model-EG-3670 UTK	28-12-2009
18	High Resolution& Spatitemporal Analysis for Gasterointestinal Motility & Anorectal Manometry System.24-Hour Ambulatory Ph Monitor	28-9-2010
19	Argon Plasma Coagulation Unit [Apc-300] DS8	3-9-2010
20	X-Ray Machine -Flexavision [Shimadzu]	13-12-2011
21	Boyle's apparatus with inbuilt ventilator	01-06-2018

22	Defibrillator with monitor	03-12-2010
23	Endoscope Washer with Disinfectant FOR DS8	27-02-2012

WORK LOAD OF THE PAST 5 YEARS

	2018	2019	2020 (COVID)	2021	2022 (31/3/22)
OPD	10896	9262	333		
IPD	496	491	273		
ENDOSCOPIC PROCEDURES	1972	1732	606		

YEAR	SPECIAL	MAJOR	MINOR	TOTAL
2018	96	610	1205	1911
2019	83	628	1202	1913
2020 (Jan- Mar, Nov- Dec)	10	203	393	606
2021				
2022 (31/3/22)				

DEPARTMENT ACTIVITIES

1. Regular Vaccinations and Screening of Railway employees and their dependents.
2. Liver Fibroscan Camp is held every month on second Saturday for early screening of Liver Cirrhosis in patients having any Background of Liver Disease.
3. Regular Educational talks and lectures for patients for awareness about various Gastrointestinal Diseases like Hepatitis, Cirrhosis of Liver, Inflammatory Bowel Diseases etc.

NEW EQUIPMENTS PROCURED

1. Therapeutic Video duodenoscope
2. Therapeutic Video Gastroscope
3. Manometry system upgraded to latest firmware and hardware
4. Boyle's apparatus with inbuilt ventilator for GE OT

NEW PROCEDURES INTRODUCED

1. Endoscopic submucosal dissection of premalignant rectal Ulcer performed
2. Intraoperative Enteroscopy for latent small bowel ulcers
3. ERCP guided cystogastrostomy with Nagi stent/Hot-axios stent

FUTURE VISION FOR THE DEPARTMENT

- Performing endoscopic procedures (colonoscopy, ERCP) with carbon dioxide (CO₂) inflation, making procedure comfortable for railway beneficiaries
- Up gradation of Endoscopic Ultrasound system on replacement system
- Renovation And Modernization of GEOT