

DEPARTMENT OF SURGERY & GI SURGERY

MANPOWER:

GENERAL SURGERY:

- 1) Dr A.K.Sharma, ACHD
- 1) Dr Athota Robin, ADMO,

GI SURGERY:

- 1) Dr Kishore Jain, Sr.DMO

NEUROSURGERY

- 1) Dr. Yogesh Sawakare, Sr. DMO

UROLOGY

- 2) Dr Prashant Rishi, Sr. DMO

DNB TRAINEES:

A) DNB - GENERAL SURGERY: SIX (2 PER YEAR for 3 years). Accreditation valid up to December 2026. For academic session 2020-2023, only one student joined and for session 2021-2024, no candidate has joined due to non inclusion of seat matrix in counselling. For session 2022-2025, till 30/10/22 only one student has joined.

B) SENIOR RESIDENTS: GEN. SURGERY – 02 (Both posts are filled)

GI SURGERY – 02.(01 post is vacant)

C) PLAIN POST HOUSE SURGEONS: 04. (only one is on roll)

SERVICES OFFERED BY THE DEPARTMENT:

GENERAL SURGERY:

A) COMPLETED MORE THAN 25 YEARS OF DNB ACCREDITATION :

B) 38 TRAINEES PASSED OUT FROM THIS INSTITUTION.

C) All types of Special, Major and Minor operations are performed in the department including urological procedures like TURP, PCNL, URS, Retroperitoneoscopic Nephrectomy, Total cystectomy . Onco surgery including Breast cancer, Thyroid cancer other general surgical operations.

Future Improvement Plans:

- a) Endourology, Advanced Laparoscopic Surgery, Retroperitoneal Urological procedures & RIRS (Retrograde intrarenal surgery by means of laser)
- b) Advanced Oncological procedures related to breast – Breast Conservative Surgery, Oncoplastic reconstructions, thyroid, soft tissue neoplasms.

WORK LOAD OF THE PAST 6 YEARS –

A) GEN. SURGERY & GI SURGERY (Combined):

<u>YEAR</u>	<u>SPECIAL</u>	<u>MAJOR</u>	<u>MINOR</u>	<u>TOTAL</u>
2018	16	269	423	708
2019	28	634	409	1071
2020 (COVID)	25	160	130	315
2021	27	356	222	605
2022 (31/10/22)	25	403	358	786

Dr Yogesh Sawkare, SrDMO , Neurosurgery presented paper on “ Role of endoscopy in intracranial epidermoid “ in Neuroendocon 2022, New Delhi on march 27 and was felicitated by Neuroendoscopy society of India as distinguished National Faculty.

Department of NEUROSURGERY has been started since march 2022.

II) GASTRO – INTESTINAL (GI) SURGERY:

A) COMPLETED 16 YEARS OF DNB – GI SURGERY ACCREDITATION IN 2019.

11 CANDIDATES PASSED OUT FROM THIS INSTITUTION.

- B) The department has the **largest numbers** of Pancreatic, Esophageal, Gastric, Advanced Biliary and Hepatic Surgery among all Indian Railway Hospitals.
- C) All types of Special, Major and Minor operations relating to Surgical Gastroenterology – Upper GI, Lower GI, Hepato - Biliary and Pancreatic Surgery are performed by this department.

D) Open and Laparoscopic operations are carried out by Railway Surgeon.

E) **Complicated GI operations of the highest level** – Whipple’s Pancreatoduodenectomy for pancreatic cancer and Esophagectomy for esophageal cancer are performed regularly; **more than 150 each** of such operations have been performed over the past 10 years.

B) GI SURGERY FIGURES:

<u>YEAR</u>	<u>SPECIAL</u>	<u>MAJOR</u>	<u>MINOR</u>	<u>TOTAL</u>
2018	23	89	6 0	148
2019	40	124	11	175
2020 (Jan- Mar, Nov, Dec)	16	17	0	33
2021	11	87	32	130
2022 (31/10/22)	16	58	09	83

ACHIEVEMENTS OF GI SURGERY DEPT.

- i) Was the only ***Railway Hospital*** recognized for Super specialty GI Surgery course. Recognition ended in June 2021, No fresh accreditation has been applied for.
- ii) ***Two Gold Medalists*** in DNB – GI Surgery Final examinations.
- iii) **SOME SPECIAL OPERATIVE TECHNIQUES EVOLVED:**
 - a) Central Pancreatectomy for cystic neoplasm in the neck of Pancreas.
 - b) Component Separation technique for Giant Incisional Hernias.
 - c) The “Teardrop” augmentation Pancreatico- jejunal anastomosis in Whipple’s Pancreatico – duodenectomy.
 - d) The “Combo” tube method for post Whipple’s operation gastric decompression Jejunal feeding – devised by DrHalder.

ITEMS PROCURED UNDER M&P :-

1. State – of – the – art LED Dual Dome Operation Theatre lights were installed in OT 4 in February 2020.
2. High end Dual Dome Operation Theatre OT Lights with camera with image grabber system – Installed in O.T 5 in February 2021.
3. Combined Ultrasound Scalpel & RF Energy Device – Installed on 10/02/2021
4. Two OT stable (high end) purchased and installed on 06/03/2021

FUTURE IMPROVEMENT PLANS :

- 1) Advanced Laparoscopic procedures will be feasible as the new advanced laparoscope has been installed recently.
- 2) With the availability of the Combined Ultrasonic Scalpel & RF Energy device, higher levels of GI Operations can be undertaken.
- 3) Development of in house facility for complete management of all cases of urinary system stone.(Surgery of renal stone by laser i.e RIRS)

Surgical M & P Equipment list in Surgery department:

Sr. No	Name of Equipment	Date of Procurement	Cost	Remarks
1.	Harmonic Scalpel Enseal System (J&J)	10/02/2021	Rs. 2231192/-	Under 2 years Warranty
2.	Smoke Evacuator(J&J)- 2units	10/02/2021	Rs.11,14,960 /-	Under 2years warranty
3.	Resectoscope (TURP SET) Richard Wolf	23/11/2021	4,20,617/-	Under 2 years warranty
4.	Cystoscope Set	29/10/2021	3,16,076/-	Under 2 years warranty
5.	Nephroscope	4/03/2022	Rs4,98,960/-	Under 2 years warranty
6.	Conmed Cautery	9/12/2011	Rs. 573300	Working
7.	BOWA Electrosurgical Cautery with APC & Vessel sealing system	1/4/2019	Rs. 2520000	Under 2 years warranty
8.	Ureteroscope	16/2/2021	Rs.3,20,303/-	Under warranty

9.	Electro hydraulic OT table with accesories	06/03/2021	Rs.27,11,050	under 2 years warranty
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10	karl stroz double dome Led light	09/02/2021	Rs3250079	under 2 year warranty
11	karl stroz lap surgery system with martin cautry	09/05/2019	Rs 76,23,678	under 2 years warranty
12	Karl stroz double dome OT led light	19/02/2020	Rs. 27,72,000	under 2 years warranty

13	Ben OT table	06/03/2021	Rs.27.11,050	under2 years warranty
14	ureterorenoscope	18/07/2022	Rs.401919	under warranty

EQUIPMENTS PROCUREMENT UNDER M&P: (Sanctioned items):

1. BOWA Electrosurgical Unit (Cautery) with APC & Vessel Sealing system – installed on 01/4/2019.
2. Advanced Laparoscopic Surgery set with accessories – installed on 02- 08- 19
3. High end Dual Dome Operation Theatre OT Lights with camera with image grabber system has been installed on 19-02-2020.

EQUIPMENTS PROCUREMENT UNDER M&P: To be proposed:

1. C- Arm for urosurgery has been proposed having costs of 15,00000/-.