

## **DEPARTMENT OF SURGERY & GI SURGERY**

### **MANPOWER:**

#### **GENERAL SURGERY:**

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

#### **GI SURGERY:**

- 1) Dr Kishore Jain, Sr.DMO

#### **NEUROSURGERY**

- 1) Dr. Yogesh Sawakare, Sr. DMO

#### **UROLOGY**

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**, one student has completed the DNB training and has passed in theory and appeared for final practical examination.

**2021-2024**-No student has joined for this session due to non inclusion of seat matrix in counselling.

**2022-2025** - Two student has joined.

**2023-2026** - Two students are likely to join in October 23.

**B) SENIOR RESIDENTS:** GEN. SURGERY – 01 (One posts is vaccant )

GI SURGERY – 02.(Both post are occupied)

**C) PLAIN POST HOUSE SURGEONS:** 04. (All post are vaccant) )

### **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>
<b>2018</b>	16	269	423	708
<b>2019</b>	28	634	409	1071
<b>2020 (COVID)</b>	25	160	130	315
<b>2021</b>	27	356	222	605
<b>2022</b>	28	505	438	971
<b>2023(31/08/23)</b>	50	420	363	833

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, and regular Brain & Spine surgeries are being done.

**II) GASTRO – INTESTINAL (GI) SURGERY:**

- A) COMPLETED 16 YEARS OF DNB – GI SURGERY 1 ACCREDITATION LOST IN 2021.**
- 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>
<b>2018</b>	23	89	6 0	148
<b>2019</b>	40	124	11	175
<b>2020</b> (Jan- Mar, Nov, Dec)	16	17	0	33
<b>2021</b>	11	87	32	130
<b>2022</b>	18	69	12	101
<b>2023 (31/08/23)</b>	19	36	11	156

**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 10/02/21
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

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 - TS&RR has been done..