

DEPARTMENT OF ANAESTHESIA & PAIN MEDICINE

OPERATION THEATRE

The Department of Anaesthesiology at JRH is 'the state of the art' department with all advanced facilities. The surgical advancements are a testimony to this.

MANPOWER

IRHS Doctors: Dr Atul Sharma, Chief Specialist & CSS I
Dr Dinesh Kumar Sahu, HOD & ACHD
Dr Alpa Sonawane, Sr DMO
Dr Shubranshu, Sr DMO (Critical Care medicine)
Dr Chandini Daniel, DMO
Dr Suwendu Panda, DMO (Cardiac Anaesthesia)
Dr Rosaline, ADMO/BCT

Case to Case Specialist: Dr Reena Parampill (Anaesthesia); Dr Kailash Kothari (Pain Physician),

Resident Doctors: 2post MBBS & 1 post diploma; 2 post MBBS NB diploma Trainee & 1 Fellowship in Pain Medicine (NBEMS) per yr

Senior Resident Doctors: Two post

SERVICES OFFERED

Anaesthesia Services

Department is providing Anaesthesia to all cases including complex and critical cases with in- house anaesthesiologist only except for CVTS OT, without any support of HVS or Case to case consultant.

There are three operation theatre complexes with total nine operation theatres rooms. OT complex of first floor have seven OT for General Surgery, ENT, Ophthalmic, G.I Surgery, Urology, Gynae & Obst., Vascular, Laparoscopic Surgery, and orthopaedics. There is separate OT for Day care procedures like pain interventional procedures.

Second OT Complex at fifth floor has two OT for Gastroenterology interventional procedures. OT complex is also having pre-operative check up room as well as pre and post operative room. All areas are looked after by in house Anaesthesiologists. Anaesthesiologists are also managing cases of Surgical and Medical ICU as and when required.

Pain Medicine

Started advance Pain Management Services in 2006 January for the Management of Patients Coming with Chronic Back Pain, Cancer Pain etc and Department of Anaesthesia is well managing Advanced pain management center. It is now providing many minimal invasive treatment option to Spine pain, Cancer pain, Non spine chronic pain, post-operative complete pain relief etc.. It offers ranges of treatment from epidural analgesic injection & celiac plexus neurolysis to endoscopic intervertebral discectomy and vertebroplasty to enumerate. In Pain clinic noninvasive treatment for trigeminal neuralgia, carpal tunnel syndrome, sudecks dystrophy, frozen shoulder, Kneejoint pain, back & neck pain etc. are being provided.

Central sterilization Unit

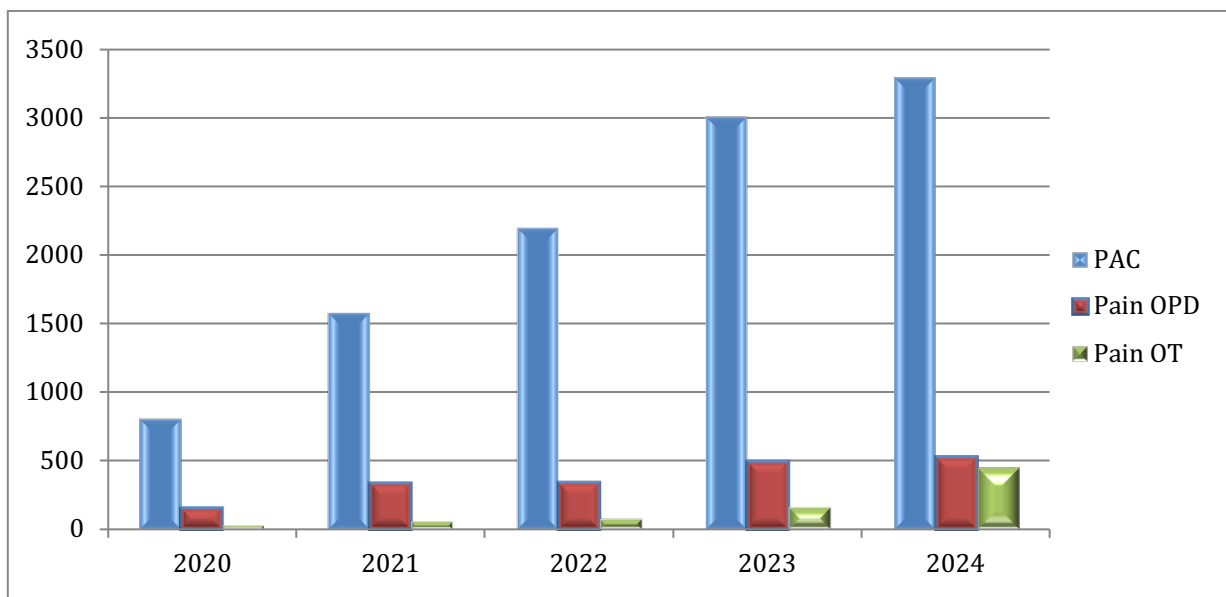
Department of Anesthesia is looking after Central sterilization Unit of the Hospital which supplies sterilized linen & instruments to various other departments in the hospital. It is located in first floor OT complex. It is equipped with 4 horizontal autoclave machine, one ETO machine and one fast autoclave steriliser.

Central Oxygen System

Department of Anesthesia is looking after Central Oxygen station of the hospital, which provides oxygen, nitrous oxide, suction and compressed air to the hospital. This station has liquid oxygen tank apart from emergency big cylinders.

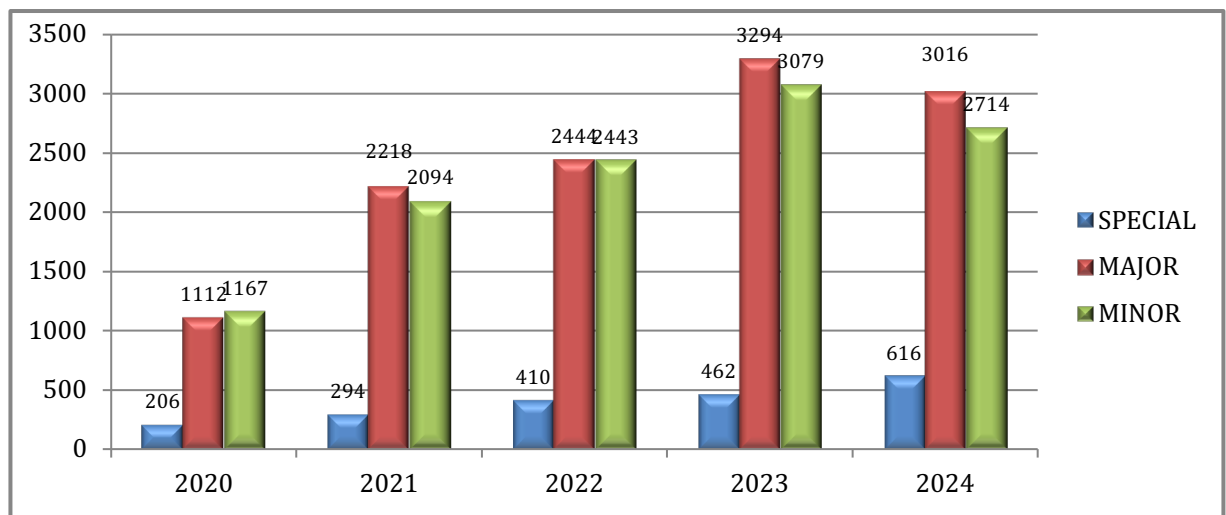
WORK LOAD: Anaesthesia

	2020	2021	2022	2023	2024
PAC OPD	808	1578	2825	3000	3285
Pain OPD	156	355	445	488	522
PAIN PROCUDURES	30	60	113	160	445



SURGICAL PATIENT LOAD-

	2020	2021	2022	2023	2024
SPECIAL	206	294	496	462	616
MAJOR	1112	2218	3083	3294	3016
MINOR	1167	2094	3035	3079	2714



ACADEMICS AND ACTIVITIES

- **Teaching & Training:**

- Dept is recognized for 1 post MBBS with 3 yr tenure and 1 post diploma Trainee with 2 yr tenure per yr of Post Graduate Course of Diplomate of National Board (DNB) in Anaesthesiology (equivalent to MD) accredited by Medical Council of India.
- Total 31 students have awarded master degree (DNB) and 02 Diploma in Anaesthesiology from department till now.
- Seven students have also been trained in CPS Diploma course in Anaesthesia before 2006. Department is accredited for Observership in Pain Management by Indian Society for Study of Pain (ISSP).
- Doctors from Department are being invited as Faculty in National Conferences regularly.
- We are regularly holding departmental meetings for case discussions, Lectures and seminars and workshops on anaesthesia, chronic Pain management and CPR for our students and staff.
- Conducting Cardio Pulmonary Resuscitation (CPR) Classes for Staff of Jagjivan Ram Hospital every Saturday.
- CPR and First Aid training Classes are being taken regularly every Saturday for 2 hrs at JRH. Front line staff from Mumbai suburban stations and Paramedical staff of various divisions including Jagjivan Ram Hospital participated in this programme.

ACHEIVEMENTS

- Delivering very safe anaesthesia to all the cases. Equipped with very advanced monitoring system.
- Pain Clinic, first in Indian railways and running successfully.
- Super specialized treatment like High skilled services like Percutaneous Endoscopic Discectomy, C-arm & USG guided diagnostic & therapeutic pain management, Botox injections for Muscular dystonia being provided in Pain clinic.
- The Dept has helped & guided to start of Pain Clinic in **BYL Nair Medical College Mumbai**, which is first kind of example in Railway setup.
- Dr Dinesh Kumar Sahu, Sr DMO, has authored **16 papers in Journals and 04 chapters in Text Book** in field of Anaesthesiology and Pain Medicine.
- Department started USG guided 'regional anaesthesia' by peripheral nerve block in serious cases where General Anaesthesia or spinal anaesthesia are contraindicated.
- JRH- OT staff is awarded with GM's 'Group Award for Efficient Work' for 2015 under leadership of Dr Reena Parampill.
- Dr Dinesh Kumar Sahu elected as Governing Council (National) Member of Indian Society for Study of Pain (Indian chapter of International association for the study of Pain).
- Anaesthesia department is conducting First Aid and CPR classes every Saturday for front line staff of Western Railway and Jagjivanram hospital staff. Till date more than 500 front line staff has been trained by us. We had conducted public awareness programme in collaboration with Indian society of anaesthesiologist, Mumbai branch for CPR (Jeevansanjivani) at Churchgate and Mumbai central railway stations in which more than 1500 railway commuters and railway employees on railway

station were trained. Recently Public awareness programme for CPR was conducted at GATEWAY OF INDIA in association with Indian resuscitation council and Indian Society of Anaesthesiologist, Mumbai branch. CPR training was given to all staff under project SAKSHAM also.

- First time in Indian Railway, Organ Harvesting for organ donation was carried out in JRH OT. All coordination with ZTC, and transfer of harvested organ to recipients' hospitals was facilitated by the department. Liver, kidney and cornea was retrieved under anaesthesia.