

DEPARTMENT OF ANAESTHESIOLOGY

Introduction

Department of anaesthesiology, GMC Jalgaon was established in the year of 2018. First PG in Anaesthesiology Batch was started in 2023 with 4 seats which is now increased to 5 in the last year. Presently anaesthesia services are provided in 4 modular OTs and 6 speciality OTs . Department has experienced faculty in Anaesthesiology with international qualification of European Diploma in Anaesthesiology and critical care Medicine.

Vision





The Department of Anaesthesiology & Critical Care at Government Medical College, Jalgaon, is committed to becoming a center of excellence in education, research, and clinical practice. We aim to groom undergraduate and post graduate students into professionals who possess both clinical competence and social responsibility, while fostering a research-oriented mindset.

Mission

To provide comprehensive modern anaesthesia care at its best.

List of Teaching Faculties

Serial no	Name of faculty	Designation	Qualification	Total teaching experience	Photo
1	Dr. Amit Hiwarkar	Associate Professor and HOD	MBBS ,MD MMC 2001020950	8 years	
2	Dr.Ruturaj Kakad	Associate Professor	MBBS ,MD MCI-09/35627	9 years	
3	Dr.Harshad Mahajan	Assisstant Professor	MBBS ,MD MMC 2016082371	4 years	
4	Dr.Anju Paul	Assisstant Professor	MBBS ,MD,EDIAC MMC 2018105206	2 years	

5	Dr. Chetankumar Adrat	Assistant Professor	MBBS ,MD MMC2015125319	1 year 6months	
6	Dr.Krunal Suryavanshi	Senior resident	MBBS,MD,DNB	1 years 7 months	
7	Dr.Vaibhav Solanke	Senior resident	MBBS,MD	1 year 6months	
8	Dr.Madhuri Deelip Tayade	Senior resident	MBBS,DA,DNB	4 months	

List of Non-teaching Staff

Sr.No	Name	Post
1	Mr.Kailas Sopanrao Shinde	Senior clerk

Junior Residents

Junior Resident- 2	Junior Resident- 1
Dr Kuldeepkumar Goyal	Dr.Karreddula Manohar
Dr Amruta Kagdelwar	Dr.Hemant Dhruw
Dr Kshitija Tonapi	Dr.Sayali Balusaheb Nimase
Dr Taseen Sida A S	Dr.Sameer Tadv
	Dr.Vikesh Rathod

Publications

Sr.no	Faculty Name	Publication in Vancouver referencing style	JOURNAL	Indexing System
01.	Dr.Amit Hiwarkar	<p>1.To Compare the efficacy of intrathecal 0.75% heavy Ropivacaine and 0.5% Bupivacaine for lower abdominal and lower limb surgery</p> <p>2. Duration of postoperative analgesia : Across sectional comparison between Hyperbaric bupivacaine and Ropivacaine in infraumbilical surgeries</p> <p>3. Child with congenital hypothyroidism posted for emergency surgery- Anaesthesia challenges.</p> <p>4.Pain relief in Proximal femur fracture patients between USG Guided fascia Iliaca compartment block versus USG guided femoral nerve block : A randomised control study</p>	<p>RESEARCH JOURNAL OF MEDICAL SCIENCES 2023</p> <p>RESEARCH JOURNAL OF MEDICAL SCIENCES 2023</p> <p>South Asian Journal of Health professional</p> <p>International Journal of current Pharmaceutical Review And Research</p>	<p>EMBASE</p> <p>EMBASE</p> <p>INDEX COPERNICUS</p> <p>EMBASE</p>

		5.Spinal anaesthesia in an emergency lower segment Caesarean section in a patient diagnosed with cutaneous neurofibromatosis : A case report	International journal of Advanced multidisciplinary Research and studies	Google Scholar
02.	Dr.Ruturaj Kakad	<p>1.comparitive study between dexmedetomidine and clonidine as adjuvant to bupivacaine in brachial plexus block in orthopaedic surgeries</p> <p>2.Percutaneous cystolithotripsy in children and its outcome:A single centre experience</p> <p>3.Short term result of single short epidural injection in patients with lumbar canal stenosis</p> <p>4.Assessment of Diastolic dysfunction among Asymptomatic type 2 diabetes mellitus patients using 2D echocariography</p>	<p>Journal of contemporary medicine and dentistry</p> <p>Indian journal of child health</p> <p>International Journal of Research and Review (IJRR)</p> <p>MEDPLUS INTERNATIONAL JOURNAL OF MEDICINE</p>	<p>Google Scholar, Index Copernicus</p> <p>Scopus</p> <p>Index Copernicus</p> <p>Index Copernicus</p>
03.	Dr.Harshad Mahajan	<p>1.To Compare the efficacy of intrathecal 0.75% heavy Ropivacaine and 0.5% Bupivacaine for lower abdominal and lower limb surgery</p> <p>2.A Comparative Study of Haemodynamic Stability between Transverse Abdominis Block and Ilioinguinal Nerve Block in Adult Inguinal Hernia Surgeries</p> <p>3.Transverse Abdominis Block versus Ilioinguinal Nerve Block in Adult Inguinal Hernia Surgeries: An Analytical Comparision of Analgesic Efficacy and Adverse Effects</p>	<p>ASIAN JOURNAL OF MEDICAL SCIENCES 2023</p> <p>International Journal of Life Sciences, Biotechnology and Pharma Research</p> <p>International Journal of Life Sciences, Biotechnology and Pharma Research</p>	<p>DOAJ/ INDEX COPERNICUS</p> <p>EMBASE</p> <p>EMBASE</p>
04	Dr.Anju Paul	<p>1.Child with congenital hypothyroidism posted for emergency surgery- Anaesthesia challenges.</p> <p>2.Anaesthesia consideration of an impending Thyroid Storm patient undergoing Emergency suction Evacuation for Bleeding molar pregnancy</p>	<p>South Asian Journal of Health professional</p> <p>Research Innovation in Anaesthesia</p>	<p>INDEX COPERNICUS</p> <p>Google Scholar</p>

		<p>3. Anaesthesia management of child with mediastinal mass and chemotherapy induced heart failure for percutaneous CT-Guided Biopsy.</p> <p>4. Role of Pleth variability index and perfusion index for predicting hypotension following spinal anaesthesia in patients undergoing caesarean section</p> <p>5. Patient with hypertrophic cardiomyopathy and retrosternal goitre posted for non-cardiac surgery- Anaesthesia challenges</p> <p>6. Spinal anaesthesia in an emergency lower segment Caesarean section in a patient diagnosed with cutaneous neurofibromatosis : A case report</p> <p>7. perioperative complications in paediatric patient undergoing surgery for neural tube defects- an observational study</p> <p>8. Case of Spina Bifida Occulta posted for emergency Above knee Amputation –Can spinal anaesthesia be given?</p>	<p>Global journal for research Analysis</p> <p>Indian Journal of Clinical Anaesthesia</p> <p>Research Innovation in Anaesthesia</p> <p>International journal of Advanced multidisciplinary Research and studies</p> <p>International Journal of Life Sciences, Biotechnology and Pharma Research</p> <p>International journal of recent Advances in multidisciplinary Research.</p>	<p>Google Scholar</p> <p>SCOPUS</p> <p>Google Scholar</p> <p>Google Scholar</p> <p>EMBASE</p> <p>INDEX COPERNICUS</p>
05	Dr. Chetankumar Adrat	<p>1. Anaesthetic management of a patient with Parkinson disease in a coronary artery bypass graft</p> <p>2. Management of metastatic CA pancreas pain in post chemotherapy , radiotherapy patient with combination of neural interventions (oral neuromodulators, peripheral nerve blocks) and muscular intervention USGDN</p> <p>3. Comparative study of effectiveness of EMLA cream and Lidocaine patch on peripheral intravenous cannulation pain in patients posted for elective surgeries.</p>	<p>Journal of cardiovascular disease research</p> <p>Journal neuromodulation 2023</p> <p>Research journal of Pharmacology 2024</p>	<p>CROSSREF</p> <p>International neuromodulation Society</p> <p>EMBASE</p> <p>Google Scholar</p>

		<p>4.Study to assess the onset and duration of sensory and motor block in both groups (IV Dexamethasone compared to normal saline) in patients undergoing below umbilical surgeries</p> <p>5.Study of clinical course ,outcome and causes of mortality among obstetric patients admitted to post anaesthesia care unit at tertiary hospital</p>	<p>Research journal of Medical Sciences2024</p> <p>International journal of Life sciences ,biotechnology ,and pharma research</p>	EMBASE
06	Dr.Krunal Suryavanshi	<p>1. Anaesthesia Management of Case of Atrial Septal Defect (Cardiac Disease) for Proximal Humerus Fracture (Non-Cardiac Case)</p> <p>2. Total Intravenous Anaesthesia for Intraoperative Neuromonitoring in a Child With Tethered Cord: A Case Report</p> <p>3. Continuous spinal anaesthesia: a promising technique for prolonged lower limb orthopaedic surgeries</p>	<p>Archives of Anesthesiology and Critical Care</p> <p>Archives of Anesthesiology and Critical Care</p> <p>Indian Journal of applied research</p>	<p>DOAJ</p> <p>DOAJ</p> <p>Google Scholar</p>
07	Dr.Vaibhav Solanke	<p>1.Study to compare the efficacy of C-MAC video laryngoscope with conventional direct laryngoscope using miller's blade 0 for neonatal intubation at tertiary care hospital</p> <p>2. Biomedical Waste Management: A Study On Assessment Of Knowledge, Attitude And Practices Among Anaesthesiologists</p>	<p>Journal of Cardiovascular Disease Research</p> <p>Journal of Cardiovascular Disease Research</p>	<p>EMBASE</p> <p>EMBASE</p>
08	Dr.Madhuri Deelip Tayade	<p>1.Pain relief in Proximal femur fracture patients between USG Guided fascia Iliaca compartment block versus USG guided femoralnerve block : A randomised control study</p> <p>2. Spinal anaesthesia in an emergency lower segment Caesarean section in a patient diagnosed with cutaneous neurofibromatosis : A case report</p>	<p>International Journal of current Pharmaceutical Review And Research</p> <p>International journal of Advanced multidisciplinary Research and studies</p>	<p>EMBASE</p> <p>Google Scholar</p>

ACHIEVEMENTS

First Government Medical College to start the daily pre-anaesthesia OPD-March 2023

4 CPS-DA graduated from the Anaesthesia Department GMC Jalgaon.

Dr.Surekha Chavan: Invited as faculty/judge for various national and international scientific conferences.

D. Amit Hiwarkar- Secretary Indian Society of Anaesthesiology, Jalgaon branch.

Dr.Ruturaj Kakad: Faculty in International rotary VTT mission Addis Ababa Ethiopia 2024.

Conducted COLS activity week 15-21 Oct 2023 and created BLS awareness in 1200 public Population.

Celebrated World Anaesthesia Day on October 16 2024.

Conducted COLS activity for Officers and Employers of the Commissioner's Office of Jalgaon.

Dr.Iqbal Nabi- International Award of Excellence in Essay Writing by ISSP Aurangabad-Sept-2023.

DR.Anju Paul - International Best Researcher ISSN Award-June 2024 At Trichy, Tamil Nadu,

European Diploma In Anaesthesiology And Critical Care-Part 1

Dr.Krunal Suryavanshi - Diplomate of National Board Anaesthesiology

Dr.Pranjal Pimparkar - Selected for fellowship in paediatric anaesthesia in Bai Jerbai Wadia Hospital for Children, Mumbai

Dr. Kshitija Tonapi- Paper got selected as top 10 in award winning paper presentation in 51 st Annual Conference of Research society of B.J government medical college and Sassoon General hospital Pune 2025.

SERVICES

Daily Pre Anaesthesia OPD (annual OPD 2800 , YEAR 2023)

Anaesthesia Services for All specialties: General surgery, Pediatric surgery orthopaedics, spine surgery, THR,TKR, OBGY , Oral Surgery, ENT, Ophthalmology, Oncosurgery,

Pain Clinic & Pain Services

24x7 Emergency Services

ICU services,TICU Services

Any other Information:

Well established modular OT.

Anesthesia Department is well equipped with modern work stations, all difficult airway equipment including video laryngoscope and fibre optic bronchoscope and portable ventilators.

Department is giving training for UG and PG students in skill lab, simulation lab and autonomous Human Lung Simulator.

Regular BLS training for Interns Doctors and Nursing Students.

RESEARCH PROJECTS

Anaesthesia department is conducting various non-dissertation research projects this year focussing on public awareness studies, geriatric anesthesia, psychiatric illnesses and pain specialties studies.

1. Prospective Comparative Observational Study of Efficacy and safety of Paravertebral Block on Postherpetic Neuralgia (PHN) in elder patient with oral medication in tertiary care centre
2. A cross sectional study of knowledge, attitude and practices about anaesthesia speciality among MBBS intern Doctors
3. Knowledge and perception of Anaesthesiology as a branch of medical science and Anaesthesiologists role and expertise among patients attending anaesthesia OPD in tertiary care centre in India
4. Assessment of risk factors of psychiatric illness in patients in tertiary care Hospital
5. Knowledge, attitude and practices about long term outcomes among chronic
Prospective observational study of association and correlation of preoperative Electrocardiography changes during anaesthesia management among older (age>60 years) surgical patients in tertiary care centre.
6. A prospective observational study of comparison of preoperative and postoperative functional and cognitive assessment in geriatric patients (age>60 years)
7. Knowledge, attitude and practices about long term outcomes among chronic alcoholic patients admitted in tertiary care hospital - Descriptive qualitative study
8. comparative study of bupivacaine and bupivacaine and dexmedetomidine as adjuvant in transverses abdominis plane block for postoperative analgesia in patients undergoing open hernioplasty.

Departmental Activities-2025

Guest lecture by Dr.Devendra R Chaudhari on the topic -Role of USG in anaesthesia on the occasion of World Anaesthesia Day 2024.

Participating regularly in spine surgery camp conducted by Spine Foundation Mumbai under Dr.Shekhar Bhojraj in GMC Jalgaon.

Participated in a Plastic surgery camp conducted by Bhartiya Jain Sanghatana (**BJS**) in GMC Jalgaon from January 16 to 18.

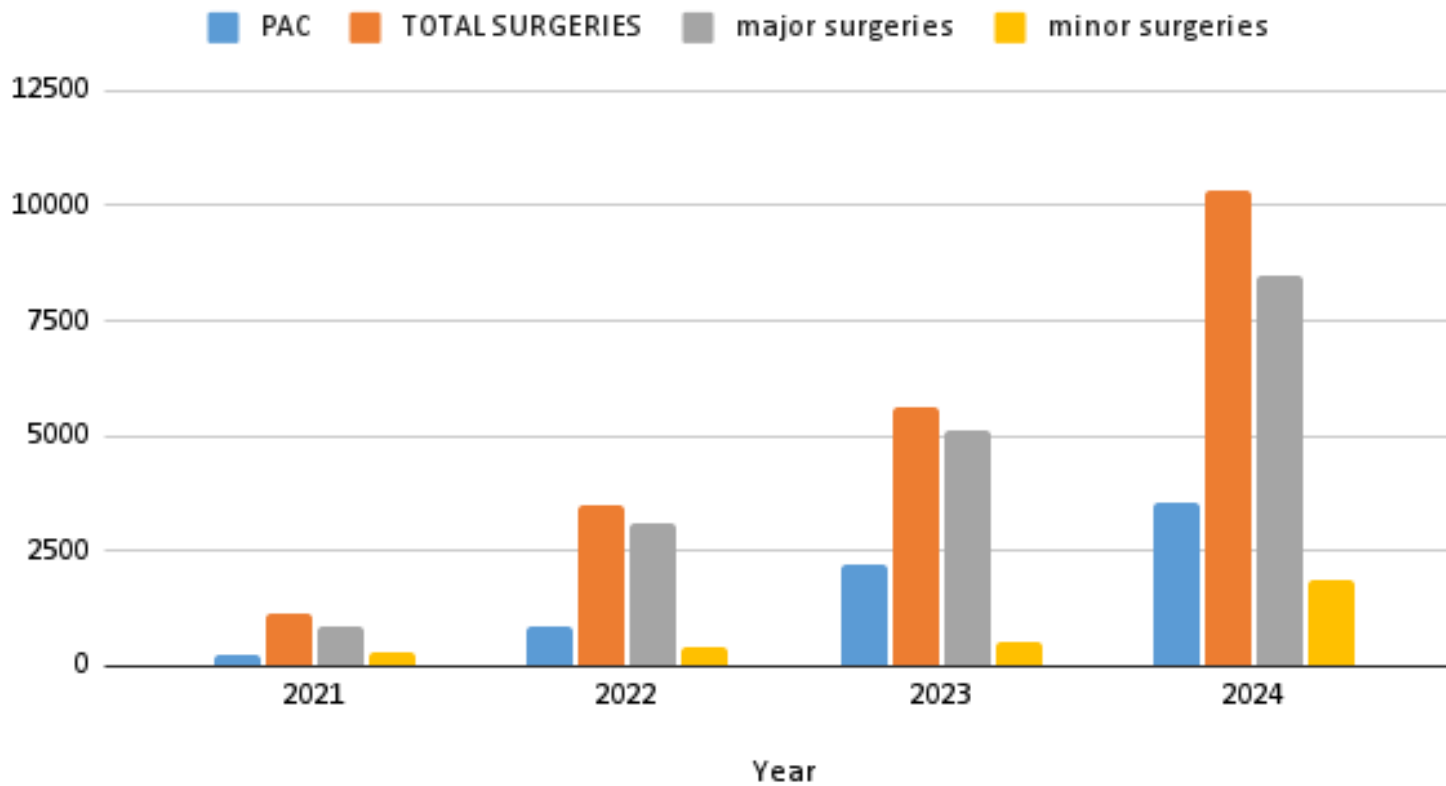
Conducted ISCCM preceptorship programme on 19 January and taken guest lecture on approach to the difficult airway by Dr.Amit Hiwarkar.

Conducted MUHS affiliated Basic Life Support and basics of Advance Cardiac Life Support on 29 th & 30 th March 2025 for 50 Post Graduate students.

Photo Gallery

Yearly Statistics

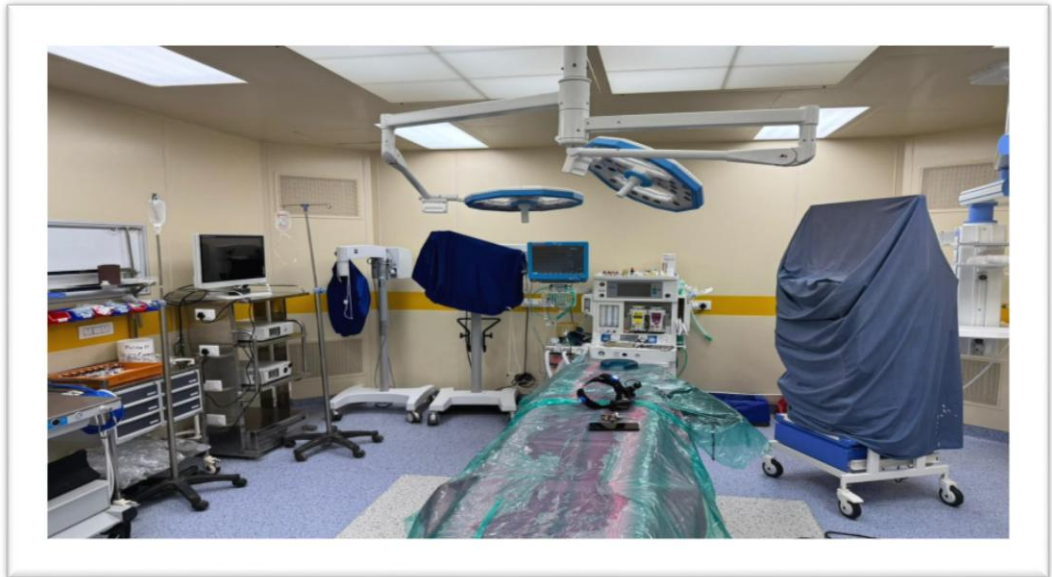
PAC, TOTAL SURGERIES, major surgeries and minor surgeries



ANAESTHESIOLOGY OPD

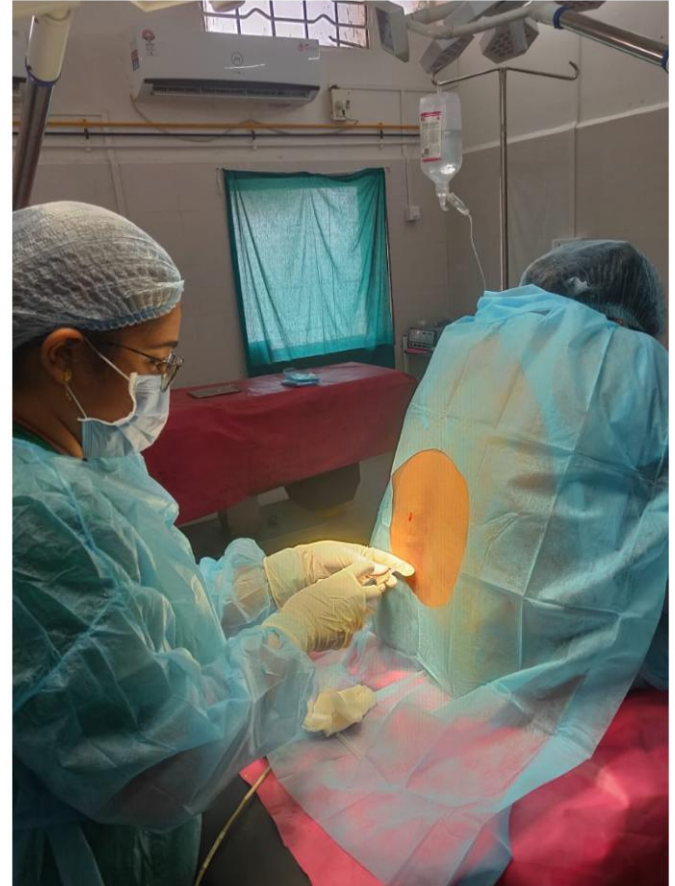


Well-equipped modular OTs





Pain OPD and pain clinics and procedures



Spine Surgery Camp

Anaesthesia services for regular spine surgery camp in collaboration with Spine Foundation, Mumbai



Basic Life Support and basics of Advance Cardiac Life Support on 29 th & 30 th March 2025

