

Government Medical College Nandurbar - Department of Anaesthesia

Overview-

Department of Anesthesia is providing hospital services and imparting a training programme for 100 MBBS students per year as per NMC and MUHS norms from the academic year 2021-22.

Department is having 03 modular OTs with 03 high end workstations. Teaching and patient services are provided with advanced gadgets like flexible bronchoscope with monitors and camera , peripheral nerve stimulators, all types of multipara, video laryngoscopes and ventilators. OTs are with well-equipped pre and post operative area. Ultrasonography machine is available exclusively for anesthesia services in operation theatres.

Department is having all the latest textbooks prescribed by NMC and MUHS along with two national and two international journals.

Upgradation of department is a continuous process. Various projects like new modular OTs , new building construction will be completed in near future.

Curriculum-

As per NMC and MUHS – <http://www.muhs.ac.in/upload/syllabus>

Goals -


- To create interest among the UG students about Anaesthesiology and Critical care management
- To start post graduate courses
- To start fellowship courses in pain management and critical care
- To start fellowship courses in regional anesthesia
- To start fellowship courses in paediatric anesthesia
- To start the Non Transplant organ Retrieval Centre




Objectives For Undergraduates -


At the end of the training, the students should be able to:

1. Do preoperative basic assessment of patient
2. Set up intravenous infusion.
3. Clear and maintain airway in an unconscious patient.
4. Administer oxygen correctly.
5. Perform simple nerve block.
6. Should know the principles of administration of general and local anesthesia.
7. Perform cardio-pulmonary resuscitation with the available resources and transfer patients to a bigger hospital for advanced life support.
8. know Importance of record keeping.
9. Perform monitoring of patient in perioperative period and ICU

List of Faculty Members—

Sr n o	Name of the faculty Qualification IMR Number	Current Designatio n & Date of promotion	Nature of employme nt Regular/ permanent or contract/ outsourced	Details of Service in the Last 5 years					Number of lectures taken/year, small teaching group with Topics covered	Recent photograph
				1	2	3	4	5		
1	Dr Rajesh Subhedar MMC Reg No- 76309	Professor 23 rd February 2024	Regular	Ad-hoc professo r SBHGMC Dhule	Ad-hoc professor SBHGMC Dhule	Ad-hoc professor SBHGMC Dhule	Ad-hoc professor SBHGMC Dhule till 21 st August 2023	1.Associate professor GMC Jalgaon. (23 st august 2023 to 21 st February 2024) 2. Professor GMC Nandurbar from 23 rd February 2024 till today	6 / year 1.Basic Life support 2.Over view of Regional Anesthesia 3.componenets of Anesthesia machine 4. physiology of Anesthesia machine	

2	Dr. Yogesh Motilal Borse, MMC REG : 2002/02/0616	Associate professor	Regular(MPSC)	Assistant professor, SBHGMC DHULE	Assistant professor, SBHGMC DHULE	Assistant professor, SBHGMC DHULE	Associate professor, GMC NANDURBAR, from 23/11/2022	Associate professor, GMC NANDURBAR	4, 1. Per operative evaluation. 2. Shock, patho physiology and treatment. 3. Automatic nervous system. 4. Local Anesthesia	
3	Dr Savita Nallamdage Reg No: 2013/09/2847	Assistant Professor	Regular					Assistant Professor GMC Nandurbar		
4	Dr Gulabsing Chandrasing Pawara Reg No: 2018/05/1601	Assistant Professor 14/08/2024	Regular				Assistant professor, SBHGMC DHULE 14/08/2024	Assistant professor, GMC Nandurbar 28/05/2024 To till today		

5	Dr Sneha Bdame Reg.No: 2014/09/429 3	Assistant Professor	Regular	Sr. SBH GMC Dhule	Sr. GMC Nandurb ar	Assistant Professor 18 sept 2023,till date GMC Nandurb ar			1)Basic Life support 2)Advance life support 3)Intravenous anaesthesia Dhule 4) inhalational anaesthetics 5)Neuromuscul ar physiology	
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List of Non Teaching staff-

Sr no	Name	Designation
1	Mr Deepak Bawaskar	steno
2	Mrs Vaishali Borase	Clerk

Duties And Responsibilities –

Professor –

- i) He will be Head of Department who will be responsible to Dean and government in all respect.
- ii) Full administration of the Department regarding –
 - a) Posting of Associate Professors, Lecturers, Registrars, House Officers, Trainees and postgraduates in Anaesthesia in various operation theatres for Administration of Anaesthesia.
 - b) Making emergency duty lists from time to time.
 - c) Distribution of teaching work to them for under- graduates and other trainees.
- iii) Attended the official meetings like College council, University faculty and Board of Studies and other interdepartmental meetings, if invited.
- iv) He should handle all official and un-official correspondence and their replies.
- v) Should attend Death conference.
- vi) Teaching and training of post-graduates in Anaesthesia, organiser Seminars and Other activities in the Department.
- vii) Administration of all operations theatres.
- viii) Indenting the requirements of the department like equipment, the maintenance, drugs and library reference books and periodicals.
- ix) Research work.
- x) Encourage and guide other staff members in their research work and help them in presenting their work in Annual Conference.
- xi) Administrators, Anaesthesia to important case and guide other staff members and even students.
- xii) Organise the training programmes to Nurses, Medical Officers, Surgical Medical Officers and also General Practitioners in the Resuscitation methods during emergency. Recovery rooms, intensive care unit etc.

Associate Professor-

- i) will be in charge of a unit which will consist of Lecturers, Registrars and House Officers.
- ii) will be responsible for the proper administration of Anesthesia to patients in the operation theatres.
- iii) will train and teach to under graduate House Officers trainees and post graduates.
- iv) will attend post-graduate seminars in the Department.
- v) will remain on call for emergency.
- vi) will do research work and publish the results or read a paper in conference.
- vii) will be responsible for all anaesthetic management in his operation theatre.
- viii) will help the Professor in running the department. ix) He / she will attend any other work allotted by the Professors or Dean.

Assistant Professor-

- i) To assist the Professor in teaching the subject to the undergraduates.
- ii) To assist the Professor in Ward works.
- iii) To perform duties in the O.P.D.
- iv) To relieve the residents as and when required.
- v) To help the Professor in research work.
- vi) To perform such other duties in the Hospital and O.P.D. as assigned by the Professor or the Dean.

Facilities-

1. Preoperative Anesthesia Assessment OPD
2. Routine and Emergency Anesthesia services
3. Services in National programme
4. Services for VIP duties

Research and Publications –

Indexed Publications Of -- **Dr Rajesh Subhedar**, Professor Dept of Anesthesia , GMC Nandurbar

Sr no	Title	Type of Article	Journal	Publisher Name & Address	Author	Index
1	Comparative evaluation of intrathecal midazolam and low dose clonidine: Efficacy safety and duration of analgesia. A randomized double blind prospective clinical trial	Original Article/ research article	Indian j pharmacol 2012.May-june;44(3):357-61	Wolters Kluwer - Medknow Wolters Kluwer India Pvt. Ltd	Third author	Index Medicus, PubMed Central, Scimago Journal Ranking, SCOPUS,
2	Study of injection tramadol as additive in intravenous regional anesthesia	Original Article	J of Evolution of Med and Dent Sci eISSN- 2278-4802, pISSN- 2278-4748 Vol. 4/ Issue 85/ Oct. 22, 2015	J of Evolution of Med and Dent Sci Mysore- 570009, Karnataka, India.	First author	Copernicus
3	Evaluation of pulmonary aspiration and sellick's maneuver in emergency laparotomies	Original Article	J of Evolution of Med and Dent Sci eISSN- 2278-4802 pISSN- 2278-4748 Vol. 4/ Issue 97/ Dec. 03, 2015	J of Evolution of Med and Dent Sci Mysore- 570009, Karnataka, India.	First author	Copernicus
4	Oculocardiac Reflex during Strabismus Surgery in Pediatric Patients: A Randomized Case-Control Study	Original Article	International J of Scientific Study pISSN- 2321-6379 December 2015 Vol 3 Issue 9	International Research Organization for Life & Health Sciences Pune, Maharashtra, India – 411028	First author	Copernicus

5	Does Dexamethasone Improves Postoperative Day Care Surgery Outcome When Used As Additive To Local Infiltration Anesthesia: A Randomized case control study	Original Article	Indian Journal of Clinical Anaesthesia, pISSN -2394-4781 2016;3(1):74-79	Indian Journal of Clinical Anaesthesia, Innovative Education and Scientific Research Foundation Uttam Nagar, New Delhi - 110059, India	First author	Copernicus
6	Nalbuphine and pentazocine in opioid benzodiazepine sedative technique in ear surgery under local anaesthesia –a double blind comparison	Original Article	Indian Journal of Clinical Anaesthesia, pISSN -2394-4781 2017;4(4): 484-488	Indian Journal of Clinical Anaesthesia, Innovative Education and Scientific Research Foundation Uttam Nagar, New Delhi - 110059, India	Second author	Copernicus
7	Comparative study of preloading and Co-loading with ringer lactate for prevention of spinal hypotension in elective cesarean section	Original article	International Journal of Medical Anesthesiology 2020; 3(1): 30-32	Comprehensive Publications, 19th floor, UTC Building, Kawranbazar, Dhaka, Bangladesh Email- anesthesiologypaper@gmail.com	Third	Copernicus
8	Randomized Controlled Trial to Evaluate the Efficacy of Intrathecal Dexmedetomidine to Low dose hyperbaric 0.5% Bupivacaine in Elective Lower Segment Caesarean Section	Original article	pISSN- 2348-1447 September- December 2021 Vol 9 Issue 3	Perspectives in Medical Research Prathima Institute of Medical Sciences, Nagunuru, Karimnagar, Telangana	Corresponding Author	Copernicus

9	To study the effect of addition of Nalbuphine to intrathecal bupivacaine in lower limb surgery under spinal anesthesia – A randomized double blind study	Original article	International Medical Journal ISSN:13412051 Vol29, Issue 03, march,2022	International Medical Journal, Japan	second	Scopus
10	A Comparative Study of Dexamethasone and Magnesium Sulphate as an Adjuvant to 0.5% Bupivacaine in Supraclavicular Brachial Plexus Block	Original article	INTERNATIONAL JOURNAL OF PHARMACEUTICAL AND CLINICAL RESEARCH (IJPCR) e-ISSN: 0975-1556, p-ISSN:2820-2643 Volume 15 and Issue 04 – 2023;	International society for science and nature http://dyrlabs.com/research-division/	second	Embase

Dr Yogesh Borase , Associate Professor - Published original articles

1. Randomized Controlled Trial to Evaluate the Efficacy of Intrathecal Dexmedetomidine to Low dose hyperbaric 0.5% Bupivacaine in Elective Lower Segment Caesarean Section.
Perspectives in Medical Research. 2021;9(3):48-53
2. Comparative study of preloading and Co-loading with ringer lactate for prevention of spinal hypotension in elective cesarean section.
International Journal of Medical Anesthesiology. 3. 30-32.
3. Oculocardiac Reflex during Strabismus Surgery in Pediatric Patients: A Randomized Case-Control Study
International Journal of Scientific Study | December 2015 | Vol 3 | Issue 9
4. Comparative Study of Spinal Anesthesia by Bupivacaine Heavy (0.5%), Bupivacaine Heavy (0.5%) with Ketamin or Midazolam in Paediatric Patients
Indian Journal of Clinical Anaesthesia, 2015;2(4):256-261
5. A Comparative Study Of Intrathecal Bupivacaine And Bupivacaine With Buprenorphine For Post-Operative Analgesia In Orthopedic Surgeries.
Indian Journal of Clinical Anaesthesia, April - June 2015;2(2):92-96

Dr. Gulabsing Pawara, Assistant Professor – Published original articles

- 1) Anaesthetic Management of a patient with a Parkinson disease in a coronary artery bypass graft
Journal of Cardiovascular Disease Research
ISSN: 0975-3583,0976-2833
Vol 14, issue 04,2023