



**RAVARA INSTITUTE OF MEDICAL SCIENCES
(DEEMED TO BE UNIVERSITY)**

**Loni, Tal. Rahata, Dist. Ahmednagar 413736
NAAC Re-accredited with 'A' Grade**

SYLLABUS

**Fellowship Programme- Surgical Emergency and Critical Care
(Dept. of Anaesthesiology)
(Academic Council Meeting Dated 20th March, 2019)**

SHORT TERM FELLOWSHIP PROGRAM

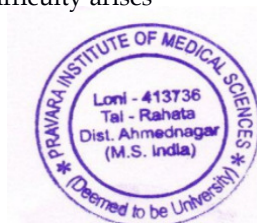
DEPARTMENT OF ANESTHESIOLOGY AND CRITICALCARE, RURAL MEDICAL COLLEGE,
PIMS, LONI.

1. Title: fellowship in surgical emergency and critical care
2. Eligibility: Post MS–surgery, OBGY
 - a. Post MS–Surgery, OBGY, Orthopedics
 - b. Post diploma–OBGY, Orthopedics
 - c. Post MD/DA/DNB–Anesthesiology
3. Duration of program–3months
4. Content-

	Teaching/Learning	Handson
Surgery–Pre-op, intra-op, post-op emergency management	Lectures–8hrs Tutorials/Group Discussions/Seminars–6 hrs	Daily management of Surgical patients posted For emergency surgery And shifted to SICU
OBGY–obstetric Emergencies pre-op, intra-op, post-op management	Lectures-6hrs Tutorials/Group Discussions/Seminars–5 hrs	Daily management of Obstetric patients posted For emergency surgery And shifted to SICU
Ortho-Pre-op, intra-op, post-op emergency management	Lectures-4hrs Tutorials/Group Discussions/Seminars–3 hrs	Daily management of Orthopaedic patients Posted for emergency Surgery and shifted to SICU

Specialities- neuro, uro, plastic, onco	Lectures-4hrs Tutorials/Group Discussions/Seminars-4 hrs	Daily management of super-speciality patients posted for emergency surgery and shifted to SICU
Procedures-CVP,ICD,	Lectures- 6hrs	According to availability
Intubation and ventilator settings, ABG assessment, TPN, syringe pump	Tutorials/Group Discussions/Seminars-4 Hrs	And need of patients
BLS/ACLS/ATLS	Lectures-6hrs Tutorials/Group Discussions/Seminars-4 hrs	3 days compulsory hands On workshop
Mechanical Ventilation And associated complications	Lectures-2hrs Tutorials/Group Discussions/Seminars-2hrs	Daily management of Ventilator setting under Observation of intensivist
Management of IV fluids, electrolytes, Inotropes, nutrition, Blood and blood products	Lectures-4hrs Tutorials/Group Discussions/Seminars-3 hrs	Daily management under Observation of intensivist
Monitoring-Invasive/non-invasive; ECG, CXR, CT, MRI reading	Lectures-3hrs Tutorials/Group Discussions/Seminars-2 hrs	Daily management under Observation of intensivist
Acute Pain management, USG guided blocks in Trauma patients	Lectures-2hrs Tutorials/Group Discussions/Seminars-1 hrs	Daily management under Observation of intensivist
General ICU Care- Care of critically ill Tracheostomy/colostomy care Bladder catheterization Surgical site infection	Lectures-8hrs Tutorials/Group Discussions/Seminars-4 hrs	Daily management under Observation of intensivist
Septicemia and septic shock Renal replacement therapy		
	Total Lectures-53hrs Tutorials/Group Discussions/Seminars-38hrs	Daily 4-5 hours dedicated To clinical work/field work/practical/hands-on/ demonstration/lab work, totaling around 250-300 hours

5. Curriculum delivery – candidate will be posted in surgical ICU under intensivist. Initial 15 days will be for observation
6. Program outcome – candidate will be able to manage
 - a. Independently pre, intra and post op surgical cases
 - b. Trauma cases
 - c. Critically ill patients
 - d. Communication skills in ICU and with patient relatives
7. Evaluation authenticity – intensivist and respective specialist of the candidate’s subject
8. Certification authenticity – HOD dept of anesthesia, Dean RMC, VC
 - a. Designing – as per PIMS, we can design on our own (Optional)
9. Place and venue – SICU/OT/Radiology/ Anesthesiology/Labour room/casualty
10. Department and institute offering the program and overall coordination - Department of anesthesiology and critical care, RMC, PIMS Loni
 - a. Intake – 2 candidates at a time
 - b. Academic calendar – June to August, September to November, December to May
 - c. Attendance – punching
 - d. Arrangements & conduction of program – HOD dept of anesthesia and intensivist
 - e. Lisoning – intensivist
 - f. Evaluation, documentation, feedback, certification, appointment – as per PIMS rules
11. Approximate expenditure to run program
 - a. In terms of stipend –
 - i. For post MD/MS candidate – Rs 60,000 per month
 - ii. For Post Diploma / DNB candidate – Rs 30,000 per month
 - iii. Infrastructure -
12. Nominal fees per person – Rs 50,000/-
13. Financial and administrative expectation from PIMS DU/ PMT –
 - a. Hostel facility
 - b. Mess
 - c. Stipend
 - d. Examination arrangements and expenses
 - e. Incentives for teachers / course coordinators
 - f. Punching (for attendance)
 - g. Advertisement in university website
 - h. Broacher
14. Infrastructure – department of anesthesiology and critical care
15. Yearly AAA audit of the program – as per PIMS DU
16. Annual meta analysis – as per PIMS
17. Central documentation – as per PIMS
18. Grievance redressal - as per PIMS
19. Any other aspects not covered – NIL
20. Saving clause whenever difficulty arises



h. Laluzki
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