

**PROGRAMME-PRACTICE TRAINING OF ANAESTHESIA AND
INTENSIVE
CARE FOR STUDENTS VI th
YEAR
TOPICS**

1. Induction in general anesthesia – intravenous and volatile – techniques and medicaments.
2. Maintenance of general anesthesia /volatile with facemask, LMA and ETT. Volatile anesthetics and muscle relaxants.
3. Monitoring during anesthesia. Recovery from anesthesia.
4. Acute respiratory failure. Methods for securing the airways – endotracheal and nasal intubation, conicotomy, tracheotomy.
5. Blood gases. Transport of oxygen and carbon dioxide. Capnography. Oxygen therapy.
6. Cardiac arrest. Cardio-pulmonary resuscitation.
7. Acute cardio-vascular disorders and shock. Infusion therapy. Blood transfusion.
8. Intravenous anesthesia. Intravenous anesthetics. Day –surgery.
9. Acid-base balance. Fluid and electrolyte balance and its importance during the perioperative period and for the intensive care.
10. Local and regional anesthesia. Epidural and spinal anesthesia. Regional blocks. Local anesthetics.
11. Pain. Acute and chronic pain management.
12. Preoperative assessment of patient for anesthesia and operation. Premedication.
13. Pain relief in labour – normal delivery and Cesarean Section.
14. Endotracheal intubation – practice on manikin.