

M.D. ANAESTHESIOLOGY SYLLABUS

Post Graduate Degree Course in M.D. Anaesthesiology Branch X

RECOMMENDED LIST OF BOOKS AND JOURNALS FOR ALL THE ANAESTHESIOLOGY EXAMINATION

BOOKS:

1. Practice of Anaesthesiology – Wylie – Churchill Davidson.
2. General Anaesthesiology – Gray, Nunn, Utting.
3. Anaesthesia- Two Volume – Ronald D.Miller.
4. Anatomy for Anaesthetist – Harold Willis.
5. Understanding Anaesthesia Equipments – Dorsh & Dorsh.
6. Emergency Anaesthesia – Thronton.
7. Principles of Obstetric Anaesthesia – J.S.Crawford.
8. Physics for Anaesthetist – Muscnin & Mactintosh.
9. Neuro Surgical Anaesthesia – Gregory.
10. Pediatric Anaesthesia – Gregory.
11. Cardiac Anaesthesiology – 2 volumes – Jonathan Benumit.
12. Anaesthesia & Co – existing Diseases – Stoelting.

JOURNALS AND PERIODICALS:

1. Anaesthesia and Analgesia Journal (States).
2. Anaesthesiology Jr.
3. Anaesthesia Jr.
4. Acta Anaesthesia Scandinavia.
5. Canadian Jr. of anaesthesia.
6. Indian Jr. of Anaesthesia.

7. British Jr. of Anaesthesia.
8. Experta Anaesthesia.
9. Recent advances in Anaesthesiology.
10. Year Book of Anaesthesia.
11. Anaesthesia Clinics.
12. Clinics in North America in Anaesthesiology.

Post – Graduate Courses in Anaesthesiology

Core Syllabus

Basic Sciences related to anaesthesia including Anatomy, Physiology, Pharmacology and Biochemistry.

Medicine applied to Anaesthesiology, Physics in Anaesthesiology including Electronics, Computers and lasers.

History of Anaesthesiology.

Pre anaesthetic evaluation and preparation.

Principles and Practice of Anaesthesiology including pre, per and post operative care.

Different methods of Anaesthetic Techniques.

Regional anaesthesia including, spinal, epidural and caudal etc.

Local anaesthesia including nerve blocks, management of chronic pain.

Anaesthesia for Gen. Surgery and Specialities like Cardiothoracic, Neurosurgical, Orthopaedics, Geriatrics, Plastic surgery and Surgical endocrinology. Paediatric Anaesthesiology and Obstetrics and Gynaecological procedures.

Blood transfusion – Fluid and electrolyte balance.

Fires and explosion.

Theatre sterilization procedures.

Oxygen therapy and Management of both acute and chronic respiratory insufficiencies, and ventilator commitments in I.C.U.

Critical care Anaesthesiology.

Anaesthesia in abnormal environments like high attitude anaesthesia etc.
Complication in Anaesthesiology and their management both per and post operatively.