



Certificate in Operation Theater (SYLLABUS)

1. Introduction to surgery and basic surgical procedures
2. Sterilization of equipment and O.T. (Aphasia, Antisepsis & Fumigation.) & O.T. hygiene.
3. Surgical infection in O.T. & prevention anti Microbial therapy.
4. Fluids & electrolytes & intra venous fluids & setting up of IV line & Eletransfuisa.
5. Shifting of O.T. patients (Pre & Post op.) Sp. trauma patients.
6. Various surgical instrument.
7. Maintenance & care of general & special surgical instruments & equipments.
8. Pre-Op requirements (case papers, Pt. identification, consent, pre-op instruments).
9. Positioning of patient for special surgical procedures.
10. Control of Hemorrhage & resusaration.
11. O.T. illumination.
12. Preparation of surgical field.
13. **Assisting at operation & setting up of instrument trolley**
 - (a) Gen. surgery.
 - (b) Uri. Surgery.
 - (c) Gastrointestinal surgery.
 - (d) Neurosurgery.
 - (e) Cardiovascular surgery.
 - (f) Orthopedic surgery.
 - (g) E.N.T surgery.
 - (h) Gynaological & Obstetric surgery.
14. Surgical sutures.
15. Collection of specimens
16. Dressing material & their application.
17. Waste disposal.

DEMONSTRATION:

1. Sterilization techniques.
2. O.T. Hygiene.
3. Scrubbing.
4. How to wear gloves.
5. Setting-up of IV line.
6. Bandage & plaster application.
7. Surgical instruments.
8. Sutures.
9. Positioning of patient.
10. Shirting of surgical patients.
11. Demonstration of surgical procedures.
12. Collection specimens.
13. Maintenance of surgical records
14. Monitoring of patients.
15. Demonstration of minor processes, R.T. insertive

DURATION : 1 Yr

ELIGIBILITY : 10+2 with PCB Mini. 40% Marks

SEATS : 50