

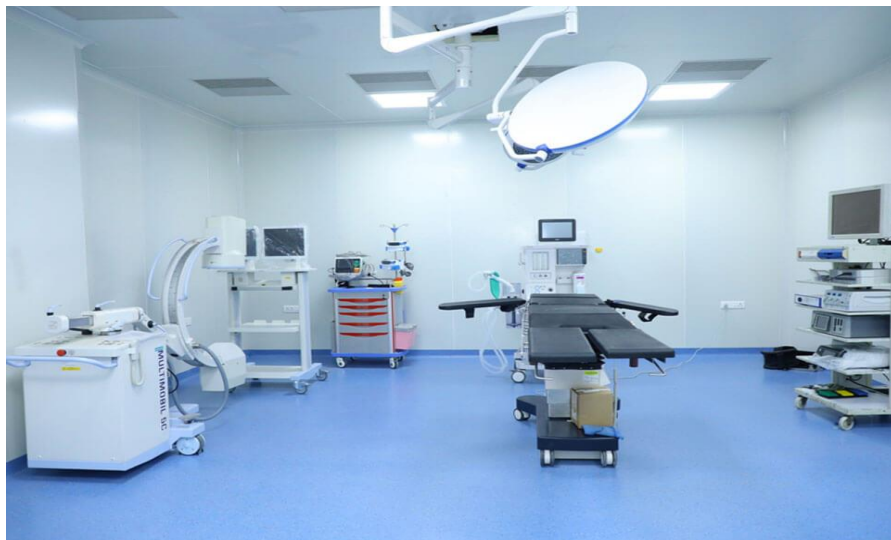
Anesthetics room and theatre

Ideal anesthetic room

1. It must not be less than 3x2 m².
2. Multiple sources of power supply and UPS facilities, light source, air conditioner system.
3. Piped gas supply (piped medical gas and vacuum) with spare oxygen cylinders.
4. Moveable bed with giving set carrier.
5. Anesthetic machine.
6. Suction unit.
7. Monitor.
8. Ventilator.
9. Trolley for anesthetic drugs and tools

Ideal theatre room

- 1.
- 2.
3. Must not be less than 4x5 m², with blunt corners and antistatic floor.
4. Multiple sources of power supply, UPS facilities, light source, air conditioning system.
5. Piped gas supply (piped medical gas and vacuum) with spare oxygen cylinders.
6. Fixed or moveable bed.
7. Anesthetic machine.
8. Ventilator.
9. Suction unit.
10. Trolley for anesthetic drugs and tools.
11. Giving set carrier.
12. Scavenging outlet
13. Surgical tools and devices (x-ray light, trolley, etc.)





Theatre table (surgical bed)

The bed should be able to change its position as needed (up, down, tilt, oblique. etc.) and this can be made electrically or manually.



Advantages of the anesthetic room and theatre are:

1. The patient anxiety may be reduced by avoiding the sights and sounds of the operating theatre, this is of special importance in children.
2. The equipment and drugs which may be necessary during induction of anesthesia may be stored in a readily accessible form.
3. Time is saved while surgery is being completed on another patient, this is useful particularly if preparation is prolonged, e.g., during performance of regional anesthetic block or establishment of invasive cardiovascular monitoring.

Disadvantages

1. Anesthetic and monitoring equipment must be duplicated or moved to the operating theatre with the patient, this usually necessitate temporary disconnection from electrical or gas supplies.
2. Hazards are involved in transferring an unconscious patient from a trolley to the operating table.
3. Construction and maintenance of anesthetic room are expensive.



Q1. What are the major components of an anesthetic room?

Q2. What are the advantages and disadvantages of an anesthetic room?