



***SNS COLLEGE OF ALLIED HEALTH SCIENCES
SNS KALVI NAGAR, COIMBATORE-35
AFFILIATED TO Dr MGR UNIVERSITY, CHENNAI***

***DEPARTMENT OF OPERATION THEATRE AND
ANAESTHESIA TECHNOLOGY***

3rd YEAR

SUBJECT: Principles of Anaesthesia II

TOPIC: Preparing theatre



Types of regional anaesthesia:

- Local infiltration
- Peripheral nerve blocks
- Central neuraxial block
 - ✓ Spinal
 - ✓ Epidural
 - ✓ Caudal



Complications of central neuraxial blockade:

- Immediate:
 - ✓ Hypotension
 - ✓ Bradycardia
 - ✓ Failure of block
 - ✓ Inadequate level of block

- Delayed:
 - ✓ Meningitis
 - ✓ Spinal hematoma
 - ✓ PDPH



Preparation:

- Check the anaesthesia machine
- Check the suction apparatus
- Ensure the monitors are switched on & working
- Prepare the airway equipments
 - ✓ Laryngoscope
 - ✓ Endotracheal tube
- Preparing the drugs
 - ✓ Emergency drugs
 1. Atropine
 2. Ephedrine
 - ✓ Anesthesia drugs



1. Induction agents-Thiopentone, Propofol
2. Muscle Relaxants
3. Benzodiazepines-Midazolam
 - IV fluids & Cannula
 - Spinal Anaesthesia
 - ✓ Sterile tray
 - ✓ Skin antiseptic
 - ✓ Lignocaine
 - ✓ 2ml & 5ml syringe
 - ✓ Needles-Quincke, Whitacre
 - ✓ Spinal drug-Heavy bupivacaine



- Epidural Anaesthesia
- ✓ Sterile tray
- ✓ Chlorhexidine
- ✓ Lignocaine
- ✓ 2ml & 5ml syringes
- ✓ Epidural set
- ✓ Local Anaesthetics:
 - 1.2% lignocaine
 - 2.0.5% bupivacaine
 - 3.0.75% ropivacaine
- Things preparing for infusion
- Fentanyl
- Elastomeric infusion system



THANK YOU