

OBSTETRICS ANALGESIA AND ANAESTHESIA LECTURE 3

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Epidural complications

- Accidental Sub arachnoid injection- usually a complete spinal block occurs, leave pt supine elevating head can cause hypotension

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Contraindications to Epidural anesthesia-

- Patient refusal
- If continuous monitoring of the pt is not available
- Infection at or near the epidural site, or septicemia
- Coagulation abnormalities
- Anatomical abnormalities (Spina bifida etc)

Relative contraindications of epidural anesthesia

- Anatomic difficulty
- Late in labor close to delivery
- Very early in labor
- Uncooperative pt
- Uncontrolled PIH or eclampsia
- Uncorrected hypovolemia
- Chronic low back pain

Relative contraindications of epidurals

- Recurrent neurologic disease such as MS
- Cardiovascular disease with a left to right shunt unless you have appropriate hemodynamic monitoring

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Para cervical block

- Good for the pain of cervical dilation phase but no help for the perineum
- Given at 4:00 and 8:00 as the cervix reflects onto the vaginal fornices
- 3-5cc in each site(always aspirate 1st)
- Complications are lacerations, intravascular injection, Parametrial hematoma, abscess, and hypotension

Fetal complications of para cervical block

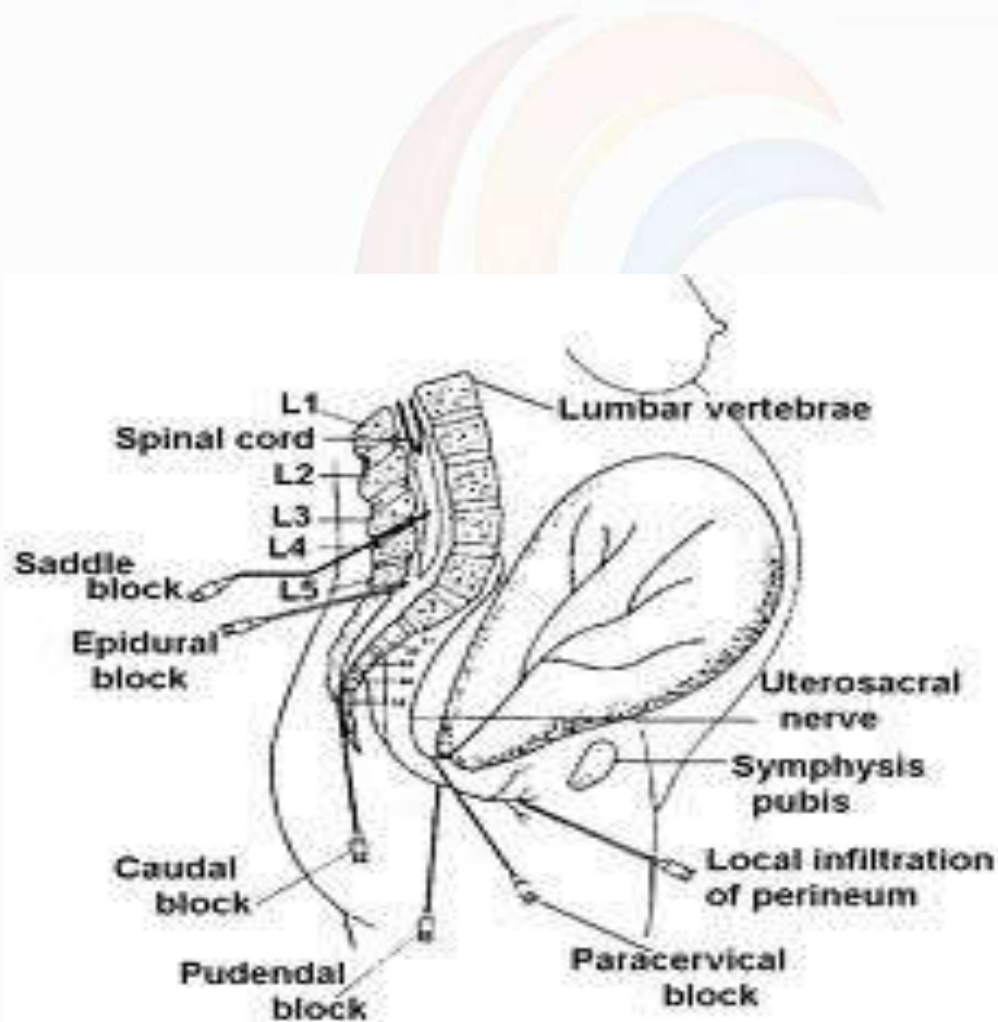
- Up to 70% get bradycardia (last 2-10min)

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School of Nursing

Course Code : BSCN4001

Course Name: Midwifery and obstetrical nursing



Pudendal block

- Transvaginally or transperineal
- Use a needle guide (Iowa trumpet)
- Medial and inferior to the sacrospinous ligament and ischial spine (aspirate 1st)
- 7-10cc each side of lidocaine 1% or chlorprocaine 2%
- For pelvic outlet manipulations (2nd stage)

Perineal infiltration

- Most common anesthetic
- Best choices are lidocaine or chlorprocaine
- For episiotomy and repair of perineal lacerations

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Complications of Pudendal blocks

- Systemic toxicity(IV)
- Vaginal laceration
- Vaginal or ischiorectal hematoma
- Retro psoas or sub gluteal abscess

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Spinal Analgesia

- Administered in the subdural space
- Very effective and requires a single injection
- Last 1-2 hrs, may cause profound hypotension
- Good for caesarian section

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- Text book of obstetrics by D.C.Dutta, 8th edition, Published by Jaypee Brothers
- JB Sharma "midwifery and Gynecological nursing" 1st edition, 2015, published by Avichal publishing house
- William Obstetrics, 24th Edition