



Spinal analgesia in obstetric patient

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Abstract:

Single -shot Spinal analgesia is rarely used alone for labour, since it's duration is usually much Shorter than labour itself. However, it may be useful in the later stages of labour when delivery is Felt to be imminent, or to provide rapid onset of analgesia in a mother who is desperate and losing control that enables her to cooperate while an epidural catheter is inserted. Use of an intrathecal catheter to allow repeated boluses (or infusion) of local anesthetic or other Mixtures is an attractive concept, since the advantages of Spinal block (rapid onset) profound blocky are potentially combined with those of epidural block (flexibility, titrated). The main consideration for a single -shot Spinal are the risk of postural puncture headache and the choice of solution, given the requirement for maximal analgesia while minimising motor block and other side effects.

Modern intrathecal catheters are very fine (28 -32 G) and thus may be difficult to handle and

Insert. They are usually supplied in a kit (with a Spinal needle, originally these needles had

Cutting tips, but they are now available with pencil -point tips in an attempt to reduce the incidence of postural puncture headache. However, even with a fine catheter, 22 -26 G Spinal

Needles are required. Some catheters include a removable wire to make them stiffer for insertion.



Continued catheter technique may also be used with a standard epidural kit (16-18G), either

Because specialist kits are unavailable or when an accidental dural puncture has occurred in an attempted epidural block. A reduced incidence of headache after placement of an intrathecal catheter has been claimed when this is done, possibly related to inflammation around the dural puncture site, which leads to faster healing, however, this is uncertain since the evidence is mostly observational.

Biography:

1. My name is Ebrahim Karimi. I was born in 1997 and I am from Afghanistan Bamiyan province. I Graduated from school in 2014. And passed the exam and succeeded in Kabul Medical university in Anesthesia department and i Graduated from university in 2017. Now I am Anesthesiologist in one of Samangan province hospitals