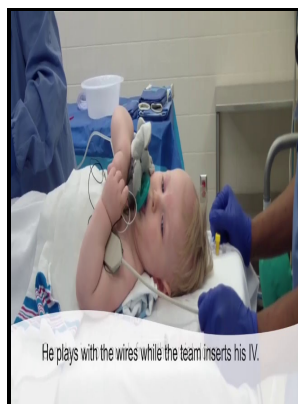


Regional anaesthesia in babies and children

Oxford University Press - Benefit and risks of local anesthetics in infants and children



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Pediatric Anesthesiology

Mesnil and colleagues described the suprazygomatic approach to the maxillary nerve block, an effective procedure for adults with trigeminal neuralgia, as useful to control postoperative pain and facilitate early feeding resumption after cleft palate repair in infants. In children with neurological disease, their pre-operative neurological deficit should be documented.

Regional Anesthesia for Babies and Children

Metabolism and elimination of local anesthetics can be delayed in neonates, who also have decreased plasma concentrations of alpha 1 -acid glycoprotein, leading to increased concentrations of unbound bupivacaine.

Benefit and risks of local anesthetics in infants and children

Furthermore, after placement and fixation of the catheter, its final position was determined in 12 of the 23 patients. In life-threatening emergencies, find the emergency room location nearest you. Most previous studies have come from single hospitals, making it difficult to assess the risk of uncommon complications and adverse effects.

Brief general anesthesia appears safe for children's brains

We have noted that the majority of patients with neuropathic pain who undergo serial peripheral nerve blocks experience pain relief that increases in duration after each block. It usually occurs within the first two hours of anesthesia but can occur up to 24 hours later.

Regional Anesthesia for Babies and Children

The technique for accessing the epidural space must be adapted to avoid inadvertent dural puncture or spinal cord damage in infants. TOXICITY OF LOCAL ANESTHETIC DRUGS The toxicity of local anesthetics in children include cardiovascular and central nervous system toxicity Table 3 and allergic reactions to ester local anesthetic solutions. Finally, although it is generally agreed to be safe to perform regional anesthesia in anesthetized children, there is some inherent risk associated with performing blocks in cases when there is a limited ability to receive subjective warning signs e.

One brief dose of general anesthesia doesn't harm babies

A skilled assistant should be present at all times, and this individual should understand the basic principles of regional anesthesia, in particular the need to aspirate regularly prior to injection, the need to warn the anesthesiologist about injection resistance.

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