

Paediatric Anaesthesia - General Information

Paediatric anaesthesia is rapidly developing dynamic superspeciality branch of anaesthesia . It deals with giving anaesthesia to children, as small as preterm baby till 18-year-old and beyond in patients with chronic pediatric conditions (eg cerebral palsy).

The paediatric anesthesiologist, is a fully trained anesthesiologist who has completed at least one year of specialized training in anaesthesia care of infant and children. Further more than the usual anaesthesiologist. This is required due to various reason stated below.

Children are not just small adults; they cannot always say what is bothering them. They cannot answer medical questions and are not always patient and cooperative during medical examination. paediatric anesthesiologists know how to examine and treat children in a way that makes them relaxed and cooperative.

Many children who need surgery or various other procedures have very complex medical problem that affects many vital organs of the body. paediatric anesthesiologist is best qualified to evaluate these complex problems and plan safe anaesthesia care for each child through special training and experience.

Type of anaesthesia depends on type of surgery, health of the child and special needs if any.

We as Paediatric anesthesiologists generally provide following services as a part of perioperative anaesthesia care`

Evaluation of complex medical problems in infants and children when surgery is needed

Planning of care for before, during and after surgery.

Premedicating the child in preoperative holding area in order to make separation form the parents easier and less traumatic, it also includes keeping the environment comfortable for child with the help of toys, or pictures in preoperative holding area.

Fostering a nonthreatening environment for children in operating room.

Intraoperative care includes general anaesthesia with good regional block as per the demand of surgery.

Pain control management -intra as well as post-operative period which could be either intravenous medications or continuation of central neuraxial or peripheral nerve block with the help of continuous infusion of local anesthetic through caudal, epidural, or peripheral nerve catheter. evaluating pain score and modifying the dosages or pain relief modalities as per the requirement.

Our services are not only restricted to operation theaters but is also involves picu, nicu and remote anaesthesia services.

Our service in intensive care units includes intravenous cannulation for difficult access, central Venous cannulation, arterial cannulation, lumbar puncture, difficult intubation etc.

Remote services include giving sedation or anaesthesia for mri, CT scan, endoscopy, Cath lab, sonography guided invasive procedures.