

Contents

- Section 1** How things work
- Paperwork, phone numbers, call responsibilities and guidelines
- Section 2** Pediatric Airway and Breathing
- Pediatric Airway and Respiratory Physiology
 - Opening the upper airway- airway maneuvers in pediatrics
 - Anesthesia for the child with an upper respiratory infection
 - Tracheomalacia and bronchomalacia
 - The airway in patients with craniofacial abnormalities
 - Rigid bronchoscopy for foreign body removal
 - The future of the cuffed endotracheal tube
 - Chronic upper airway obstruction and cardiac dysfunction
 - Cardiovascular causes of airway compression
 - Anesthetic management for the child with a mediastinal mass
 - Single-lung ventilation in infants and children
- Section 3** Pediatric Pain Management and Regional Anesthesia
- Acute pain management in children
 - Postoperative analgesia in infants and children
 - Local anesthetics in infants and children
 - Non-opioid additives to local anesthetics for caudal blockade
- Section 4** Pediatric conditions and anesthesia
- Asthma
 - Diabetes mellitus
 - Sickle cell disease
 - Cerebral palsy
 - Epidermolysis bullosa
 - Anesthesia-related cardiac arrest
- Section 5** Pediatric pharmacology
- Drug dosing in pediatric anesthesia
 - Sevoflurane and epileptiform EEG changes
 - TIVA
 - Inhalational anesthetics
 - Ketamine and kids
 - Dantrolene
- Section 6** The premature infant
- Anesthesia for premies
 - Anesthesia for fetal surgery
- Section 7** Pediatric psychosocial issues
- Children's preoperative anxiety and postoperative behavior