

PAEDIATRIC ANAESTHESIA AIDE MEMOIRE

ANAESTHESIA DRUGS AND DOSAGES

IV or IO if no IV access

Induction Agent	Dose
Propofol	2-4mg/kg
Thiopentone	2-7mg/kg
Ketamine	1-2mg/kg

Opiates	Dose
Morphine	0.05-0.1mg/kg IV
Fentanyl	0.5-1mcg/kg IV (* Consider Increased dose for induction if CV unstable eg: 2-3mcg/kg – obtunds response to laryngoscopy and allows decreased doses of induction agent)
Alfentanil	10mcg/kg

Muscle Relaxant	Dose
Suxamethonium	1-2mcg/kg
Rocuronium	1mg/kg
Atracurium	0.5mg/kg
Vecuronium (bolus)	0.1mg/kg
Vecuronium (infusion)	1-3mcg/kg/minute

Analgesia	Dose
Paracetamol >10kg	15mg/kg IV QDS
Diclofenac (Voltarol) (slow IV)	1mg/kg TDS
Ibuprofen	7.5mg/kg TDS

Emergency Drugs	Dose
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Atropine	20mcg/kg IV
Adrenaline	0.1ml/kg 1:10,000
Glucose (dextrose 10%)	2ml/kg bolus
Infusions	
Adrenaline / Noradrenaline	0.01-1mcg/kg/min (make up 0.3mg/kg in 50 mL: 1 mL/hr = 0.1mcg/kg/min)
Dopamine	5-20mcg/kg/min (make up 15mg/kg in 50 mls: 1 ml/hr = 5mcg/kg/min)
Morphine	10-40mcg/kg/hr (make up 1 mg/kg in 50 mL: 1 mL/hr = 20 mcg/kg/hr)
Midazolam	1-4mcg/kg/minute (make up 6 mg/kg in 50 mL: 1 mL/hr = 2 mcg/kg/min. Max 250 mg in 50 mL)

Antiemetics	Dose
Ondansetron	0.1mg/kg IV TDS
Cyclizine	1mg//kg IV TDS (slow infusion) max 50mg
Dexamethasone	0.1mg/kg