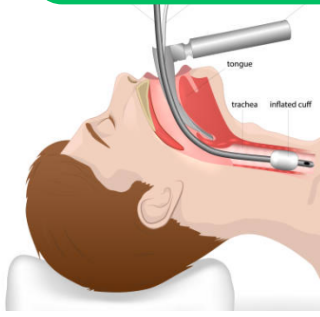


RSI IN THE PED

GOALS WHEN SELECTING MEDICATIONS for Rapid Sequence Intubation



- Induce adequate sedation and paralysis to allow for first pass success of ET tube
- Maintain hemodynamic stability while airway is being secured

Pre-induction: minimize physiologic response

Atropine

Dose: 0.02 mg/kg, max 0.5 mg

Use: <3 months old

Lidocaine

Dose: 1 mg/kg, max 100 mg

Uses: TBI, status asthmaticus, status epilepticus

CAUTION: Onset up to 2 min. Be aware of time!

Induction: Remember RSI goals!

Etomidate

Dose: 0.3 mg/kg IV

Onset: 30 sec

Duration: 5-10 min

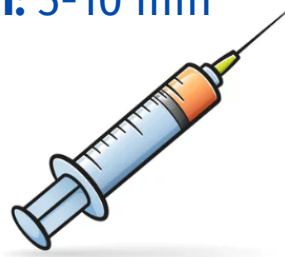
Ketamine

Dose: 1-2 mg/kg IV

Onset: 1-2 min

Duration: 10 min

May see transient increase in BP and HR



Midazolam

Dose: 0.1 mg/kg IV, max 10 mg

Onset: 1-3 min

Duration: 30-45 min

SHORTAGE ALERT: Ketamine in short supply, but is available when needed for pediatric patients

Paralytics



Rocuronium

Nondepolarizing neuromuscular blockade

Dose: 1 mg/kg

Onset: 60-90 sec

Duration: 30-60 min



Succinylcholine

Depolarizing neuromuscular blockade

Dose: 1-2 mg/kg

Onset: 30-45 sec

Duration: 5-10 min

Contraindications: HyperK, burns, dialysis, neuromuscular disorders

Check out the PEM Portal:

<https://static1.squarespace.com/static/60e73120a7367601b809526c/t/64d771f193ffbe5e8b516fb8/1691841009675/RSI-drug-chart-final-6.9.16.pdf>