

Pediatric Endotracheal Tube Sizes

$$\text{Uncuffed ETT} = \frac{\text{Age} + 4}{4}$$

*Newborns 3 or 3.5

$$\text{Cuffed ETT} = \frac{\text{Age} + 3.5}{4}$$

Classically > 8 years, at least >1 year

Pediatric Endotracheal Tube Depth

$$\text{Depth} = \text{ETT size} \times 3$$

Pediatric Laryngoscope Selection

Age	Laryngoscope
Premie/Newborn	Miller 0
1 month – 2 years	Miller 1 or 1.5
3 – 6 years	Miller 2, Mac 1
6 – 12 years	Miller 2, Mac 2 or 3
> 12 years	Mac 3

Pediatric Intubation Medications

Indication	Medication	Dose
<1 y, Bradycardia	Atropine	0.01 – 0.02 mg/kg Min: 0.1 mg Max: 0.5 mg
Induction	Etomidate	0.3 mg/kg
	Ketamine	1 – 2 mg/kg
	Midazolam	0.1 – 0.4 mg/kg
	Propofol (> 3 y)	0.5 – 1 mg/kg
Paralysis	Succinylcholine	1 – 1.5 mg/kg
	Rocuronium	0.6 – 1 mg/kg