

RAPID SEQUENCE INTUBATION (PEDS)		Standard dose mg/kg	Age Weight (kg) ETT size	2 mo 5 kg 3.5	6 mo 8 kg 3.5	1 yr 10 kg 4.0	3 yr 15 kg 4.5	5 yr 20 kg 5.0	7 yr 25 kg 5.5	9 yr 30 kg 6.0	11 yr 35 kg 6.5	12 yr 45 kg 7.0
Preoxygenation	100% FIO2		Indications and Precautions	LMA 1	LMA 1.5	LMA 2	LMA 2	LMA 2.5	LMA 2.5	I-LMA 3	I-LMA 3	I-LMA 3
Vecuronium pretreatment	0.01 mg/kg IV	Defasciculating dose	None	None	None	None	None	None	0.25 mg	0.3 mg	0.35 mg	0.45 mg
Atropine prevents vagal response to intubation	0.02 mg/kg IV	Pts <10 yo, brady or 2nd dose of sux	0.1mg 1cc	0.16mg 1.6cc	0.2mg 2cc	0.3mg 3cc	0.4mg 4cc	0.5mg 5cc	0.6mg 6cc	0.7mg 7cc	0.9mg 9cc	
Lidocaine pretreatment decreases ICP	1.5 mg/kg IV	Use with increased ICP & Reactive airway disease	7.5 mg	12 mg	15 mg	22.5 mg	30 mg	37.5 mg	45 mg	52.5 mg	67.5 mg	
Etomidate short acting sedative, induction agent	0.3 mg/kg IV	First choice sedative 1/2 dose with low BP	1.5mg 1cc	2.4mg 1.2cc	3mg 1.5cc	4.5mg 2.25cc	6mg 3cc	7.5mg 4cc	9mg 4.5cc	10.5mg 5cc	13.5mg 7cc	
Midazolam sedative, induction agent	0.1 mg/kg IV	Decrease dose with low BP	0.5 mg	0.8 mg	1.0 mg	1.5 mg	2.0 mg	2.5 mg	3.0 mg	3.5 mg	4.5 mg	
Succinylcholine short duration paralysis	2.0 mg/kg IV	No use in burns, Mal. hyperthermia	10mg 0.5cc	16mg 0.8cc	20mg 1.0cc	22.5mg 1.5cc	30mg 2.0cc	37.5mg 2.5cc	45mg 3.0cc	52.5mg 3.5cc	67.5mg 4.5cc	
Vecuronium longer duration paralysis	0.15-0.2 mg/kg IV	Musculo-skeletal paralysis	1 mg	1.6 mg	2 mg	3 mg	4 mg	5 mg	6 mg	7 mg	9 mg	

Verify ETT placement Visualize cords, Equal chest rise & BS, No BS over stomach, ETC02, EID, Pulse Ox, ETT tube depth

RAPID SEQUENCE INTUBATION	Standard dose mg/kg	Age Weight (kg) ETT size	14 yo 50 kg 7.0mm	16 yo 60 kg 7.5mm	Adult 70 kg 7-8mm	Adult 80 kg 7-8mm	Adult 90 kg 7-8mm	Adult 100kg 7-8mm
Preoxygenation	100% FIO2	Indications and Precautions	I-LMA 3-4	I-LMA 4	I-LMA 4	I-LMA 4-5	I-LMA 5	I-LMA 5
Vecuronium pretreatment	0.01 mg/kg IV	Defasciculating dose Use with increased ICP	0.5 mg	0.6 mg	0.7 mg	0.8 mg	0.9 mg	1 mg
Atropine prevents vagal response to intubation	0.02 mg/kg IV	Use in bradycardic pts or before 2nd dose of sux	1 mg	1 mg	1 mg	1 mg	1 mg	1 mg
Lidocaine pretreatment decreases ICP	1.5 mg/kg IV	Use with increased ICP & Reactive airway disease	75 mg	90 mg	105 mg	120 mg	135 mg	150 mg
Etomidate short acting sedative, induction agent	0.3 mg/kg IV	First choice sedative 1/2 dose with BP<90	15mg 7.5cc	18mg 9cc	21mg 10.5cc	24mg 12cc	27mg 13.5cc	30mg 15cc
Midazolam sedative, induction agent	0.1 mg/kg IV	Decrease dose with low BP	5 mg	6 mg	7 mg	8 mg	9 mg	10 mg
Succinylcholine short duration paralysis	1.5 mg/kg IV	No use: old crush/burns Mal. hyperthermia	75mg 3.75cc	90mg 4.5cc	105mg 5.25cc	120mg 6cc	135mg 6.75cc	150mg 7cc
Vecuronium longer duration paralysis	0.15-0.2 mg/kg IV	RSI dose will result in paralysis for 60-90 min	10 mg	12 mg	14 mg	16 mg	18 mg	20 mg
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