

**PEDS** Only guidelines: See also product inserts. Note that provided concentrations may differ. Ultimate responsibility is that of the anesthesia provider. (02/07)

AGE	PRE	0	1M	3M	6M	9M	1Y	2	3	4	5	6	7	8	9	10	11	12	14
<b>WT (kg) = AGE X 2 +9</b>	<3	3	4	5	7	8	10	12	15	17	20	21	23	25	27	30	35	40	50
<b>ETT SIZE</b> (for >2yr old) = <b>AGE/4 + 4</b>	2.5-3	3.5					4	4.5		5		5.5		6 ± cuff		6.5		7	
<b>ETT LENGTH</b> 10+AGE/2 or 3 X SIZE	8-9	10			11		12	13		14		15		16		17		18	20
<b>LMA</b>	1			1.5	2						2.5					3			
<b>ORAL AIRWAY</b> (Varies)	00	0=50					60				70					80			
<b>BLADE</b>	0	0	0-1		1			1.5				2				3			
<b>MIDAZ IV 0.1</b> <b>PO 0.5mg/kg</b>	mg mg	0.3 1.5	0.4 2	0.5 2.5	0.7 3.5	0.8 4	1 5	1.2 6	1.5 2.2	1.7 8.5	2 10								
<b>TYLENOL PO 10mg/kg,</b> <b>PR 40mg/kg one time</b>	mg mg	30 120	40 160	50 200	70 280	80 320	100 400	120 400	150 600	170 600	200 800			250		300		400	500
<b>PROPOFOL 2.5-3.5mg/kg</b> [10mg/mL]	mg	8-10	10-14	12-18	18-25	20-30	25-35	30-40	35-50	40-60	50-70			60-90		75-100		100	
<b>STP 3-5 mg/kg</b> (4 shown)	mg	12	16	20	25	30	40	50	60	70	80		90	100		125	150	175	200
<b>KETAMINE IV 1-3</b> <b>IM 5-10, PO 6 mg/kg</b> (Sedation= 1/2 dose)	IV(3) IM(5) PO(6)	9 15 18	12 20 24	15 25 30	20 35 40	25 40 50	30 50 60	35 60 70	45 75 90	50 85 100	60 100 120			75 125 150		90 150 180	100 175 200	120 200 250	150 250 300
<b>SUX IV 1-2 mg/kg,</b> <b>IM 4mg/kg</b> (2 shown)	mg mL	6 0.3	8 0.4	10 0.5	14 0.7	16 0.8	20 1	24 1.2	30 1.5	34 1.7	40 2	42 2.1	46 2.3	50 2.5	54 2.7	60 3	70 3.5	80 4	100 5
<b>ATROPINE</b> [0.4mg/mL] <b>IV 10-20mcg/kg</b> (20shown) <b>IM 20 mcg/kg</b>	mg mL	0.1 .25		.12 .3	.15 .4		0.2 0.5	.25 0.6	0.3 .7	.34 .8	0.4 1			0.5 1.2		0.6 1.5	0.7 1.8	0.8 2	1 2.5
<b>EPI 10mcg/kg</b> (1:10,000)	mL	0.3	0.4	0.5	0.7	0.8	1	1.2	1.5	1.7	2	2.1	2.3	2.5	2.7	3	3.5	4	5
<b>MIV 0.2mg/kg</b> [2mg/mL]	mg mL	0.6 0.3	0.8 0.4	1 0.5	1.4 0.7	1.6 0.8	2 1	2.4 1.2	3 1.5		4 2			5 2.5		6 3		8 4	10 5
<b>VEC 0.1mg/kg</b>	mL	0.3	0.4	0.5	0.7	0.8	1	1.2	1.5		2			2.5		3		4	5
<b>ROC 0.6mg/kg</b> <b>1.2mg/kg</b>	mL mL	0.2 0.4	.25 0.5	0.3 0.6	0.4 0.8	0.5 1	0.6 1.2	0.7 1.4	0.9 1.8		1.2 2.4			1.5 3		1.8 3.6		2.5 5	3.5 7
<b>CIS 0.1mg/kg</b> [2mg/mL]	mg mL	0.3 .15	0.4 0.2	0.5 .25	0.7 0.3	0.8 0.4	1 0.5	1.2 0.6	1.5 0.8		2 1			2.5 1.2		3 1.5		4 2	5 2.5
<b>GLYCO 7-10mcg/kg</b> (7 shown) [0.2mg/mL]	mcg mL	20 0.1	30 .15	35 .17	50 .25	60 0.3	70 .35	80 0.4	100 0.5	120 0.6	140 0.7			180 0.8	190 0.9	200 1	220 1.2	240 1.4	280 1.8
<b>NEOSTIG. 40-70mcg/kg</b> (70shown) [1mg/mL] [CHLA:0.5mg/mL]	mg mL mL	0.2 0.2 0.4	0.3 0.3 0.6	.35 0.35 0.7	0.5 0.5 1	0.6 0.6 1.2	0.7 0.7 1.4	0.8 0.8 1.6	1 1	1.2 1.2	1.4 1.4	1.5 1.5	1.6 1.6	1.8 1.8	1.9 1.9	2 2	2.5 2.5	3 3	3.5 3.5
<b>FENTANYL 1-2mcg/kg</b> [10mcg/mL] (postop 0.5mcg/kg)	mcg mcg	3-6	4-8	5-10	7-14	8-16	10-20		15-30	17-35	20-40			25-50		30-60	35-70	40-80	50-100
<b>MS 0.1-0.2mg/kg</b> [1mg/mL] (postop 0.05mg/kg)	mL mL	0.3-0.6	0.4-0.8	0.5-1	0.7-1.4	0.8-1.6	1-2	1.2-2.4	1.5-3	1.7-3.4	2-4	2-4		2.5-5		3-6			
<b>TORADOL 0.5 mg/kg</b>	mg mL						5 .16	6 0.2			10 0.3		12 0.4			15 0.5		20 0.6	25 0.8
<b>DROPERIDOL</b> (10 shown) 10-20mcg/kg. Dilute: 0.4mL/10mL=[100mcg/mL]	mcg mL diluted	30 0.3	40 0.4	50 0.5	70 0.7	80 0.8	100 1	120 1.2	150 1.5	170 1.7	200 2			250 2.5		300 3		400 4	500 5
<b>REGLAN 0.1mg/kg</b>	mg	0.3	0.4	0.5	0.7	0.8	1	1.2	1.5	1.7	2			2.5		3		4	5
<b>ZOFRAN 0.1- 0.15 mg/kg</b> (0.15 shown)	mg mL	0.4 0.2	0.6 0.3	0.8 0.4	1 0.5	1.2 0.6	1.5 0.7	1.8 0.9	2.2 1.1	2.5 1.2	3 1.5			3.7 1.8		4 2	4	4	4
<b>DECADRON 0.5 mg/kg</b> [4mg/mL]	mg mL	1.5 0.4	2 0.5	2.5 0.6	3.5 0.9	4 1	6 1.5		8 2		10 2.5		10		10		10		10
<b>SOLUMEDROL</b> 1.5-2mg/kg (2mg shown)	mg mL	6 0.1	8 .13	10 .16	14 0.2	16 .25	20 0.3	25 0.4	30 0.5		40 0.6		45 0.7		50 0.8	60 1	70 1.1	80 1.3	100 1.6
<b>BENADRYL 0.5-1mg/kg</b>	mg	3	4	5	7	8	10	12	15	17	20			25		30	35	40	50
<b>CaCl 20 mg/kg</b>	mg	60	80	100	140	160	200	240	300	340	400			500		600		800	1gm
<b>NaHCO3 1mEq/kg</b>		then	0.5	mEq	/ kg	or	0.3	X	kg	X	base	def-	icit						
<b>SBE: AMP IV or AMOX</b> <b>PO 50mg/kg</b>	mg	150	200	250	350	400	500	600	750	850	1gm			1.2 gm	1.3 gm	1.4 gm	1.5 gm	1.8 gm	2 gm
<b>ANCEF 25 mg/kg</b>	mg	75	100	125	175	200	250	300	375	425	500			575	625	675	700	875	1gm
<b>GENT 2 mg/kg</b>	mg	6	8	10	14	16	20	24	30	34	40			50		60		80	
<b>VANCO 20 mg/kg</b>	mg	60	80	100	140	160	200	240	300	340	400			500		600		800	1gm
<b>CLINDA 10 mg/kg</b>	mg	30	40	50	70	80	100	120	150	170	200			250		300		400	500
<b>CAUDAL 1mL/kg</b> (20max) 0.25% MARCAINE+EPI	mL	3	4	5	7	8	10	12	15	17	20		20		20		20		20
<b>HR</b>	100 - 170	80 - 160						80 - 130		80 - 120		75 - 115		70 - 110					60 - 105
<b>SBP</b>	mmHg	55 - 70			75 - 90		75 - 100		75 - 110		80 - 115			85 - 120					
<b>DBP</b>	mmHg	35 - 40			45 - 55		50 - 65		55 - 75		55 - 80			55 - 80					
<b>RR</b>		40 - 60			30 - 40		25 - 30		20 - 25		18 - 25			18 - 22					
<b>BLOOD VOL mL/kg</b>	90	80	75					70											
<b>4 ml PRBC / kg =</b> <b>1 gm/dL Hb</b>	mL	12	16	20	28	32	40	48	60	68	80	84	92	100	110	120	140	160	200
<b>IV mL/h [ 4:2:1]</b>	mL/h	12	16	20	28	32	40	45	50	55	60		65			70	75	80	90