

PEDS Only guidelines: See also product inserts. Note that provided concentrations may differ. Ultimate responsibility is that of the anesthesia provider. (05/08)

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

0 1m 3m 6m 9m 1y 2 3 4 5 6 7 8 9 10 11 12 14