



2022 Pediatric Dosing Guide

Info	Length base weight Measured crown to heel	3kg	4kg	5kg	6-7kg	8-9kg	10-11kg	12-14kg	15-18kg	19-23kg	24-29kg	30-36kg	
	Broslow Color	Gray			Pink	Red	Purple	Yellow	White	Blue	Orange	Green	
Vitals	Respiratory Rate	40-60	30-50	30-50	30-45	25-35	20-30	20-30	20-30	18-24	18-22	16-20	
	Heart Rate	110-150			110-150	80-150	80-125	75-115	65-115	60-110	60-110	60-110	
	Systolic Blood Pressure	> 60	> 65	> 70	> 75	> 95	> 95	> 95	> 95	> 100	> 100	> 100	
	Treatable Hypoglycemia (*Neonate)	< 70			< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	
BLS Airway	BVM	Infant			Infant	Infant	Child	Child	Child	Child	Child/Adult	Adult	
	OPA	40mm	50mm	50mm	50mm	50mm	60mm	60mm	60mm	70mm	80mm	80mm	
	NPA	14f			14f	14f	18f	20f	22f	24f	26f	30f	
Electricity	Defibrillation	Initial dose	6J	8J	10J	15J	20J	20J	30J	30J	50J	50J	70J
		Repeat dose	12J	15J	20J	30J	50J	50J	50J	70J	100J	100J	150J
	Cardioversion	Initial dose	3J	4J	5J	7J	9J	10J	15J	15J	20J	30J	30J
		Repeat dose	6J	8J	10J	15J	20J	20J	30J	50J	50J	50J	70J

Stanford Pediatric Base Station
(650) 723-5032



Any box this color with ~~strikethrough~~ text requires a Base Hospital Order

Medications		Initial dose	3kg	4kg	5kg	6-7kg	8-9kg	10-11kg	12-14kg	15-18kg	19-23kg	24-29kg	30-36kg
		Second dose											
Adenosine Concentration = 3 mg/ml		0.3 mg	0.4 mg	0.5 mg	0.65 mg	0.85 mg	1 mg	1.3 mg	1.7 mg	2.1 mg	2.7 mg	3.3 mg	
		0.1 ml	0.13 ml	0.17 ml	0.22 ml	0.28 ml	0.34 ml	0.44 ml	0.57 ml	0.7 ml	0.9 ml	1.1 ml	
Albuterol Concentration = 2.5 mg/3 ml		2.5 mg	2.5 mg	2.5 mg	2.5 mg	2.5 mg	2.5 mg	2.5 mg	2.5 mg	2.5 mg	2.5 mg	2.5 mg	
		3 ml	3 ml	3 ml	3 ml	3 ml	3 ml	3 ml	3 ml	3 ml	3 ml	3 ml	
Atropine Concentration = 0.1 mg/ml		0.1 mg	0.1 mg	0.1 mg	0.13 mg	0.17 mg	0.2 mg	0.25 mg	0.35 mg	0.42 mg	0.5 mg	0.5 mg	
		1 ml	1 ml	1 ml	1.3 ml	1.7 ml	2 ml	2.5 ml	3.5 ml	4.2 ml	5 ml	5 ml	
Calcium Chloride Concentration = 1 g/10ml		60 mg	80 mg	100 mg	120 mg	160 mg	200 mg	240 mg	300 mg	380 mg	480 mg	600 mg	
		0.6 ml	0.8 ml	1 ml	1.2 ml	1.6 ml	2 ml	2.4 ml	3 ml	3.8 ml	4.8 ml	6 ml	
Dextrose 10% Concentration = 0.1 g/ml		1.5 g	2 g	2.5 mg	3.2 g	4.2 g	5.2 g	6.5 g	8.2 g	10 g	10 g	10 g	
		15 ml	20 ml	25 ml	32 ml	42 ml	52 ml	65 ml	82 ml	100 ml	100 ml	100 ml	
Diphenhydramine Concentration = 50 mg/ml		3 mg	4 mg	5 mg	6.5 mg	8.5 mg	10 mg	13 mg	17 mg	21 mg	27 mg	33 mg	
		0.06 ml	0.08 ml	0.1 ml	0.13 ml	0.17 ml	0.2 ml	0.26 ml	0.34 ml	0.42 ml	0.54 ml	0.66 ml	
Dopamine Concentration = 1,600 mcg/ml	Contact Base Hospital for Dosing												
Epinephrine 1:1,000 IM Concentration = 1 mg/ml		0.03 mg	0.04 mg	0.05 mg	0.06 mg	0.08 mg	0.1 mg	0.13 mg	0.15 mg	0.15 mg	0.15 mg	0.3 mg	
		0.03 ml	0.04 ml	0.05 ml	0.06 ml	0.08 ml	0.1 ml	0.13 ml	0.15 ml	0.15 ml	0.15 ml	0.3 ml	
Epinephrine 1:1,000 NEB Concentration = 1 mg/ml		1.5 mg	2 mg	2.5 mg	3 mg	4 mg	5 mg	5 mg	5 mg	5 mg	5 mg	5 mg	
		1.5 ml	2 ml	2.5 ml	3 ml	4 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	
Epinephrine 1:10,000 Concentration = 0.1 mg/ml Max 3mg		0.03 mg	0.04 mg	0.05 mg	0.065 mg	0.085 mg	0.1 mg	0.13 mg	0.17 mg	0.21 mg	0.27 mg	0.33 mg	
		0.3 ml	0.4 ml	0.5 ml	0.65 ml	0.85 ml	1 ml	1.3 ml	1.7 ml	2.1 ml	2.7 ml	3.3 ml	
Fentanyl IV/IO Concentration = 50 mcg/ml May repeat 5 min. apart to max 3 mcg/kg		3 mcg	4 mcg	5 mcg	6 mcg	8.5 mcg	10 mcg	13 mcg	17 mcg	20 mcg	25 mcg	25 mcg	
		0.06 ml	0.08 ml	0.1 ml	0.12 ml	0.17 ml	0.2 ml	0.26 ml	0.34 ml	0.4 ml	0.5 ml	0.5 ml	
Fentanyl IM Concentration = 50 mcg/ml May repeat x1 after 10 min. to max 3 mcg/kg		3 mcg	4 mcg	5 mcg	6 mcg	8.5 mcg	10 mcg	13 mcg	17 mcg	20 mcg	25 mcg	25 mcg	
		0.06 ml	0.08 ml	0.1 ml	0.12 ml	0.17 ml	0.2 ml	0.26 ml	0.34 ml	0.4 ml	0.5 ml	0.5 ml	
Fentanyl IN Concentration = 50 mcg/ml Single dose only		6 mcg	8 mcg	10 mcg	12 mcg	17 mcg	20 mcg	26 mcg	34 mcg	40 mcg	50 mcg	50 mcg	
		0.12 ml	0.16 ml	0.2 ml	0.24 ml	0.34 ml	0.4 ml	0.52 ml	0.68 ml	0.8 ml	1 ml	1 ml	
Fluid Bolus		30 ml	40 ml	50 ml	130 ml	170 ml	210 ml	260 ml	325 ml	420 ml	500 ml	500 ml	
Glucagon Concentration = 1 mg/ml		0.5 mg	0.5 mg	0.5 mg	0.5 mg	0.5 mg	0.5 mg	0.5 mg	0.5 mg	1 mg	1 mg	1 mg	
		0.5 ml	0.5 ml	0.5 ml	0.5 ml	0.5 ml	0.5 ml	0.5 ml	0.5 ml	1 ml	1 ml	1 ml	
Lidocaine Concentration = 20 mg/ml May repeat x1 after 15 min.		3 mg	4 mg	5 mg	6.5 mg	8.5 mg	10 mg	13 mg	17 mg	20 mg	28 mg	33 mg	
		0.15 ml	0.2 ml	0.25 ml	0.33 ml	0.43 ml	0.5 ml	0.65 ml	0.85 ml	1 ml	1.4 ml	1.7 ml	
Lidocaine IO anesthetic Concentration = 20 mg/ml		1.5 mg	2 mg	2.5 mg	3.2 mg	4.2 mg	5 mg	6.5 mg	8.5 mg	10 mg	14 mg	16.5 mg	
		0.07 ml	0.1 ml	0.12 ml	0.16 ml	0.21 ml	0.25 ml	0.32 ml	0.42 ml	0.5 ml	0.7 ml	0.82 ml	
Midazolam IV/IO Concentration = 5 mg/ml		0.3 mg	0.4 mg	0.5 mg	0.6 mg	0.8 mg	1 mg	1.3 mg	1.6 mg	2 mg	2 mg	2 mg	
		0.06 ml	0.08 ml	0.1 ml	0.12 ml	0.16 ml	0.2 ml	0.26 ml	0.32 ml	0.4 ml	0.4 ml	0.4 ml	
Midazolam IM/IN Concentration = 5 mg/ml		0.6 mg	0.8 mg	1 mg	1.2 mg	1.6 mg	2 mg	2.6 mg	3.2 mg	4 mg	5 mg	5 mg	
		0.12 ml	0.16 ml	0.2 ml	0.24 ml	0.32 ml	0.4 ml	0.52 ml	0.64 ml	0.8 ml	1 ml	1 ml	
Naloxone Concentration = 1 mg/ml		0.3 mg	0.4 mg	0.5 mg	0.64 mg	0.85 mg	1 mg	1.3 mg	1.6 mg	2 mg	2 mg	2 mg	
		0.3 ml	0.4 ml	0.5 ml	0.64 ml	0.85 ml	1 ml	1.3 ml	1.6 ml	2 ml	2 ml	2 ml	
Ondansetron ODT Concentration = 4 mg tablet							2 mg	2 mg	2 mg	4 mg	4 mg	4 mg	
							1/2 tab	1/2 tab	1/2 tab	1 tab	1 tab	1 tab	
Ondansetron Concentration = 2 mg/ml		0.3 mg	0.4 mg	0.5 mg	0.6 mg	0.8 mg	2 mg	2 mg	2 mg	4 mg	4 mg	4 mg	
		0.15 ml	0.2 ml	0.25 ml	0.3 ml	0.4 ml	1 ml	1 ml	1 ml	2 ml	2 ml	2 ml	
Sodium Bicarbonate Concentration = 50 mEq/50ml		3mEq	4mEq	5mEq	6mEq	8mEq	10mEq	12 mEq	15 mEq	19 mEq	24 mEq	30 mEq	
		3 ml	4 ml	5 ml	6 ml	8 ml	10 ml	12 ml	15 ml	19 ml	24 ml	30 ml	



2022 Pediatric Dosing Guide

PEDIATRIC GCS	Infant	Score	Child	Score
Motor response	Spontaneous movements	6	Obeys commands	6
	Withdraws to touch	5	Localizes	5
	Withdraws to pain	4	Withdraws to pain	4
	Flexion	3	Flexion	3
	Extension	2	Extension	2
	No response	1	No response	1
Verbal response	Coos and babbles	5	Oriented	5
	Irritable cry	4	Confused	4
	Cries to pain	3	Inappropriate	3
	Moans to pain	2	Incomprehensible	2
	No response	1	No response	1
Eye response	Opens spontaneously	4	Opens spontaneously	4
	Opens to sound	3	Opens to sound	3
	Opens to pain	2	Opens to pain	2
	No response	1	No response	1

FLACC Scale		0	1	2
1	Face	No particular expression or smile, eye contact and interest in surroundings	Occasional grimace or frown, withdrawn, disinterested, worried look to face, eyebrows lowered, eyes partially closed, cheeks raised, mouth pursed	Frequent to constant frowning, clenched jaw, quivering chin, deep furrows on forehead, eyes closed, mouth opened, deep lines around nose/lips
2	Legs	Normal position or relaxed	Uneasy, restless, tense, increased tone, rigidity, intermittent flexion/extension of limbs	Kicking or legs drawn up, hypertonicity, exaggerated flexion/extension of limbs, tremors
3	Activity	Lying quietly, normal position, moves easily and freely	Squirming, shifting, back and forth, tense, hesitant to move, guarding, pressure on body part	Arched, rigid, or jerking, fixed position, rocking, side to side head movement, rubbing of body part
4	Cry	No cry or moan (awake or asleep)	Moans or whimpers, occasional cries, sighs, occasional complaint	Crying steadily, screams, sobs, moans, grunts, frequent complaints
5	Consolability	Calm, content, relaxed, does not require consoling	Reassured by occasional touching, hugging, or talking to, distractable	Difficult to console or comfort

JumpSTART Triage	Label
Move the walking wounded	MINOR
Apneic and no pulse after head tilt	DECEASED
Apneic with pulse after 5 rescue breaths	
Respirations after head tilt or 5 rescue breaths	IMMEDIATE
R espirations	
Less than 15 or over 45 per minute	IMMEDIATE
P erfusion	
If no peripheral pulse present	IMMEDIATE
M ental status	
AVPU : If P inappropriate or U	IMMEDIATE
All others: A , V or P appropriate	DELAYED

APGAR Scoring				
Indicator		0 Points	1 Point	2 Points
A	Activity (muscle tone)	Absent	Flexed arms and legs	Active
P	Pulse	Absent	Below 100 bpm	Over 100 bpm
G	Grimace (reflex irritability)	Floppy	Minimal response to stimulation	Prompt response to stimulation
A	Appearance (skin color)	Blue; pale	Pink body, blue extremities	Pink
R	Respiration	Absent	Slow and irregular	Vigorous cry

Choose a number from 0 to 10 that best describes your pain
Escoja un número del 0 al 10 que mejor describa su dolor

0: No Pain / Sin Dolor (Smiling face)
 1: No Hurt / No Duele
 2: Hurts Little Bit / Duele Bien Poco (Slightly smiling face)
 3: Hurts Little More / Duele un Poco Más
 4: Hurts Even More / Duele Mucho (Neutral face)
 5: Hurts Whole Lot / Duele Mucho Más (Frowning face)
 6: Hurts Worst / Duele Máximo (Crying face)
 7: (Crying face)
 8: (Crying face)
 9: (Crying face)
 10: (Crying face)

