

Emergency drugs: Initial doses 1-18 years⁺

Indication	Drug	Dose	Indication	Drug	Dose
Anaphylaxis	Adrenaline 1/1,000	0.01 mL/kg (max 0.5 mL) intramuscular	Pain	Fentanyl*	1.5 microg/kg (max 100microg) intranasal
Cardiac Arrest	Adrenaline 1/10,000	0.1 mL/kg IV		Morphine*	0.05–0.1 mg/kg IV
	Amiodarone**	5 mg/kg IV (max 300 mg)		Oxycodone*	0.1 mg/kg oral
	DC shock	4J/kg			
Croup	Adrenaline 1/1,000*	5 mL nebulised	Seizure	Midazolam	0.15 mg/kg (max 10 mg) IV or intramuscular 0.3 mg/kg (max 10 mg) Intranasal/buccal
Hypoglycaemia ⁺⁺	Glucose 10%	2 mL/kg IV		Phenytoin	20 mg/kg IV infusion
Shock ⁺⁺	0.9% sodium chloride**	10–20 mL/kg IV 10 mL/kg for neonates, DKA, trauma			

Escalate via local Clinical Emergency Response System and NETS 1300 36 25 00 All IV drugs may be given intraosseous

Reference: + Australian Medications Handbook Children's Dosing Companion ++ APLS 6th edition (2017)

Footnote: *different dose in infants **different dose in neonates

		Normal Vital Signs (white zones)			Resuscitation			
Age	Weight	RR	HR	Systolic BP	ETT Size (c=cuffed)	ETT length (lips)	Urinary cath	Gastric tube
	kg	min	min	mmHg	+/- 0.5 mm	cm	Fr	Fr
1 mth	4	30-55	110-160	60-100	3.5	10	6	8
3 mths	6	30-45	100-160	70-110	3.5c	11	6	10
6 mths	8	30-45	100-160	70-110	3.5c	12	6	10
12 mths	10	30-45	100-160	70-110	3.5c	13	8	10
2 yrs	12	20-40	90-140	90-110	4c	14	8	10
4 yrs	16	20-40	90-140	90-110	4.5c	15	10	10
6 yrs	20	20-30	80-120	90-110	5c	16	10	12
8 yrs	26	20-30	80-120	90-110	5.5c	17	12	12
10 yrs	32	20-30	80-120	90-110	6c	18	12	12
12 yrs	40	15-20	60-100	90-120	6.5c	19	14	12