

# Paediatric Card - Outer Cover

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CPG GUIDELINES		MLS	VICTORIAN AMBULANCE PEADIATRIC DRUG CALCULATION SLIDE CARD	
<b>VENTRICULAR FIBRILLATION</b>		DOSAGE WINDOW - CUT THIS SECTION OUT AFTER LAMINATING	Age In Years	
DCCS (Mono or Biphasic) 4 J/kg x 1 (every 2 mins)			Resps (Lower Limit)	
Adrenaline IV/IO 1:1,000 0.01 mg/kg (every 3 mins)			Resps (Upper Limit)	
Amiodarone IV/IO 5 mg/kg x 2 (4 min apart)			Pulse (Lower Limit)	
Sodium Bicarb IV/IO 1 ml/kg x 1			Pulse (Upper Limit)	
Normal Saline IV 20 ml/kg (If 2 dehydrated)			Systolic BP (Lower Limit)	
<b>ASYSTOLE / SEVERE BRADY (&lt; 60 infant / &lt; 40 child)</b>			ETT Tube (ID)	
Adrenaline IV/IO 1:1,000 0.01 mg/kg (every 3 mins)			ETT Tube (length)	
Sodium Bicarb IV/IO 1 ml/kg x 1			Defibrillator Power 4 Joules per kg	
Normal Saline IV 20 ml/kg (If brady & poor perf)			Nasogastric Tube	
<b>PULSELESS ELECTRICAL ACTIVITY</b>		Adrenaline .. 1:1,000/1 ml 0.01 mg/kg		
Adrenaline IV/IO 1:1,000 0.01 mg/kg (every 3 mins)		Amiodarone .. 150 mg/3 ml 5 mg/kg		
Normal Saline IV/IO 20 ml/kg		Atropine .. 1.2mg/1ml 20 mcg/kg (0.5mls dilute to 6mls)		
Sodium Bicarbonate IV 1 ml/kg x 1		Ceftriaxone .. 1 gm IV 50 mg/kg (1gm diluted to 10mls)		
<b>BURNS</b>		Ceftriaxone .. 1 gm IM 50 mg/kg (1gm dilute to 4mls with 1% Lignocaine)		
Normal Saline IV 3 x %burns x Weight 1/2 in first 8 hrs		Dextrose 10% 3 ml/kg		
<b>CROUP OR SUSPECTED CROUP</b>		Dextrose 10% 2 ml/kg		
Neb Adrenaline 1:1,000 5 mls (Repeat as required)		Glucagon .. 1 mg/1 ml 0.5 ml		
<b>GHB / PSYCHOSTIMULANTS OVERDOSE</b>		Glucagon .. 1 mg/1 ml 1 ml		
Midazolam IM 0.05 - 0.1 mg/kg x 4 (every 10 min)		Normal Saline 20 ml/kg		
If IV Access Available / Allowed		Midazolam .. 5 mg/1 ml 0.05 mg/kg		
Midazolam IV 0.05 - 0.1 mg/kg (every 5 min)		Midazolam .. 5 mg/1 ml 0.1 mg/kg		
<b>HYPOGLYCEMIA (RBS &lt; 4 mmol/L)</b>		Sodium Bicarbonate 8.4% 1 ml/kg		
Glucose Paste (Oral) 15 g		Sodium Bicarbonate 8.4% 2 ml/kg		
Glucagon IM 0.5 ml < 25 kg or 1 ml > 25 kg		Age In Years		
If IV Access Available / Allowed		Weight		
Dextrose 10% IV 3 ml/kg x 1		ETT Tube (ID)		
Dextrose 10% IV 2 ml/kg x 1 (3 mins later)		ETT Tube (Length)		
<b>HYPOVOLEMIA</b>		Amiodarone .. 150 mg/3 mls 5 mg/kg		
Normal Saline IV 20 ml/kg x 3		Adrenaline .. 1:1,000/1 ml 0.01 mg/kg		
<b>ORGANOPHOSPHATE POISONING</b>		Adrenaline .. 1:1,000/10 ml 0.01 mg/kg		
Atropine IV 20 mcg/kg (every 5 mins)		Dexamethasone .. 8mg/2ml 600 mcg/kg		
<b>MENINGOCOCCAL SEPTICAEMIA</b>		Fentanyl .. 100mcg/2mls 2 mcg/kg (Dilute to 10 mls)		
Ceftriaxone IM 50 mg/kg upper lateral thigh		Fentanyl .. 100mcg/2ml IN 2 mcg/kg		
If IV Access Available / Allowed		Fentanyl .. 100mcg/2ml IN 1 mcg/kg		
Ceftriaxone IV 50 mg/kg over 2 mins		Fentanyl .. 600mcg/2ml IN 2 mcg/kg		
<b>TCA OVERDOSE</b>		Fentanyl .. 600mcg/2ml IN 1 mcg/kg		
Sodium Bicarbonate IV 2 ml/kg x 2 (10 min later)		Normal Saline 20 ml/kg		
ETT then Hyperventilate 100% aiming ET/CO2 20 - 25 mmHg		Midazolam .. 15mg/3ml 0.2 mg/kg		
GREEN = ALS CARE BLUE = MICA CARE		Midazolam .. 5mg/1ml 0.1 mg/kg		
		Midazolam .. 5mg/1ml 0.05 mg/kg		
		Morphine .. 10mg/1ml IM 0.1 mg/kg		
		Morphine .. 10mg/1ml IV 0.1 mg/kg (Dilute to 10 mls)		
		Morphine .. 10mg/1ml IV 0.05 mg/kg (Dilute to 10 mls)		
		Narcan .. 0.4mg/1ml 0.01 mg/kg		
		Pancuronium .. 4 mg/2 ml 0.1 mg/kg (Dilute to 4 mls)		
		Ventolin .. 500mcg/1ml 5 mcg/kg (Dilute to 10 mls)		
		Ventolin .. 500mcg/1ml 2.5 mcg/kg (Dilute to 10 mls)		
		Ventolin Inf (Syringe Pump) .. 5mg/5ml 100 mcg/kg (Dilute to 50 mls)		
		Ventolin Inf (Giving Set) .. 5mg/5ml 200 mcg/kg (Dilute to 100 mls/20 dpm)		
		Syringe Pump setting in mls/hr for 0.1 mg/kg/hr Morphine / Midazolam infusion		
		Syringe Pump setting in mls/hr for 0.2 mg/kg/hr Morphine / Midazolam infusion		
		Infusion made up of 15 mg Morphine & 15 mg Midazolam diluted to 15 mls		
<b>ANAPHYLAXIS</b>		Inner Card Slide Face (fold up and inside)		
Adrenaline IM 1:1,000 0.01 mg/kg (every 5 mins)		Cut along this line before laminating		
Dexamethasone 600 mcg/kg x 1				
If Extremely Poorly Perfused				
Adrenaline IV 1:10,000 0.01 mg/kg (every 1 mins)				
Normal Saline IV 20 ml/kg x 3				
<b>ASTHMA</b>				
pMDI Salbutamol 4 puffs (every 4 mins)				
Nebulised Salbutamol 10 mg then 5 mg 5 minly				
Nebulised Atrovent 250 mcg x 1				
Ventolin IV 5 mcg/kg x 1				
2.5 mcg/kg x 2 (2 to 3 minly)				
Salbutamol Infusion 2 mcg/kg/min (60 mls/hr)				
Dexamethasone 600 mcg/kg x 1				
If Unconscious & Poor Or No Ventilation				
IPPV 1/2 Normal Rate 10 ml/kg Tidal Volume				
Adrenaline IM 1:1,000 0.01 mg/kg x 3 (20 minly if no IV)				
Pulse Or BP And Bag Is Stiff				
Apnoea Protocol For 30 Seconds				
If Palpable Pulse Returns, But No Recordable BP				
Adrenaline IV 1:10,000 0.01 mg/kg (every 5 mins)				
Normal Saline IV 20 ml/kg x 1				
<b>OPIATE OVERDOSE</b>				
Narcan IM 0.01 mg/kg (initial 2 mg max)				
Narcan IM or IV 0.01 mg/kg (10 min later)				
<b>PAIN RELIEF (Pain &gt; 2)</b>				
Penthrane 3 ml x 2 (20 minly)				
Fentanyl IN 2 mcg/kg x 1				
Fentanyl IN 1 mcg/kg x 2 (5 minly)				
Morphine IM 0.1 mg/kg x 1				
If IV Access Available / Allowed				
Morphine IV 0.05 - 0.1 mg/kg x 1 (if pain > 2)				
(Max 0.2 mg/kg) 0.05 mg/kg (5 to 10 minly)				
<b>IFS</b>				
Normal Saline IV 10 ml/kg (prehydrate)				
Fentanyl IV 2 mcg/kg ] x 2 attempts				
Midazolam IV 0.2 mg/kg				
Maintain Paralysis & Sedation With				
Pancuronium IV 0.1 mg/kg (CONSULT)				
Morph / Midaz Bolus IV 0.1 mg/kg (as required)				
Morph/Midaz Infusion IV 0.1 to 0.2 mg/kg/hr				
<b>TONIC / CLONIC SEIZURE</b>				
Midazolam IM 0.1 mg/kg x 1				
Midazolam IM 0.1 mg/kg x 1 (10 min later)				
If IV Access Available / Allowed				
Midazolam IV 0.05 mg/kg x 3 (2 to 5 minly)				

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For assembly instructions, go to [www.colacambulance.com/edu.htm](http://www.colacambulance.com/edu.htm)