

長庚醫院常用兒科急救藥物建議劑量對照表 (2012.10訂)

單一劑量(毫升mL)(強心劑除外)												
年齡		1KG	2KG	足月新生兒	1月~1歲	1歲	3歲	6歲	10歲	青少年	成人	
體重Kg		1	2	3	5	10	15	20	30	50	70	
藥品項目	給藥途徑	劑量/濃度										
Epinephrine 1mg/mL/amp * (先稀釋到10mL; 0.1mg/mL)	IV/IM/IO	0.01 mg/kg	0.1mL	0.2mL	0.3mL	0.5mL	1mL	1.5mL	2mL	3mL	5mL	10mL
		1:10,000										
Epinephrine 1mg/ml/amp (稀釋到3-5mL,隨後再以3-5mL沖)	ETT	0.1 mg/kg	0.5mL (1:10000)	1.0mL (1:10000)	1.5mL (1:10000)	0.5mL	1mL	1.5mL	2mL	2mL	2.5mL	2.5mL
		1:1,000										
Epinephrine 1mg/ml/amp(infusion)	IVF	0.12xKg(mg)/20mL	0.5 - 4mL/hr = 0.05-0.4mcg/kg/min									
Dopamine 200mg/5ml/amp	IVF	6xKg(mg)/100mL	2 - 20mL/hr = 2~20 mcg/kg/min									
Dobutamine 250mg/20ml/vial	IVF	6xKg(mg)/100mL	2 - 20mL/hr = 2~20 mcg/kg/min									
Norepinephrine 4mg/4ml/amp	IVF	0.12xKg(mg)/20mL	1 - 10mL/hr = 0.1-1mcg/kg/min									
Sodium bicarbonate 7%, 20ml/amp	IV/IO	1 meq/kg	1.2	2.4	3.6	6.0	12.0	18.0	24.0	36.0	60.0	60.0
Atropine sulfate 1mg/ml/amp (稀釋到3-5mL,隨後再以3-5mL沖)	IV/IM/IO	0.02 mg/kg	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5
	ETT	0.04-0.06 mg/kg	0.2	0.2	0.2	0.2	0.4	0.6	0.8	1.0	1.0	1.0
Adenosine 6mg/2ml/vial 1st 須用5-10ml NS沖	IV/IO	0.1 mg/kg	0.03	0.07	0.1	0.17	0.3	0.5	0.67	1	1.7	2
Adenosine 6mg/2ml/vial 2nd/3rd 須用5-10ml NS沖	IV/IO	0.2 mg/kg	0.07	0.13	0.2	0.34	0.7	1.0	1.33	2	3.3	4
Amiodarone 150mg/3ml/amp * (1amp dilute with D5W to 150ml (loading 30mins))	IV/IO	5 mg/kg				25	50	75	100	150	250	300
Midazolam 5mg/1ml/amp	IV/IO/IM	0.1 mg/kg				0.1	0.2	0.3	0.4	0.6	1	1
Rocuronium 50mg/5ml/vial	IV/IO	1 mg/kg				0.5	1	1.5	2	3	5	5
2% Lidocaine 100mg/5ml/pc	IV/IO	1 mg/kg	0.05	0.1	0.15	0.25	0.5	0.75	1	1.5	2.5	3.5
10% MgSO4 20ml/amp	IV/IO	25 mg/kg				1.25	2.5	3.75	5	7.5	12.5	17.5
Diazepam 10mg/2ml/amp	IV	0.25 mg/kg	0.05	0.1	0.15	0.25	0.5	0.75	1	1.5	2	2
Calcium gluconate 10% (1000mg/10ml/amp)* (1 amp 先稀釋到 20 ml)	IV slowly	100 mg/kg	2	4	6	10	20	20	20	20	20	20
Glucose 50% (20ml/amp)* (1 amp dilute to 40ml, = Glucose 25%)	IV/IO	0.5-1 g/kg				10	20	30	40	60	60	60
Glucose 10%,500ml/pc	IV/IO	0.2 g/kg	2	4	6							
PGE1(Alprostadil 500mcg/1ml/amp)	IVF	Initial 0.05~0.1 mcg/kg/min; maintenance 0.01 to 0.4 mcg/kg/min										
Milrinone 1mg/ml	IVF	load: 25-50mcg/kg,	0.3xBW(mg) in D5W total 20mL.run 3mL/hr x 20-40 mins then 1-4mL/hr									
		maint 0.25-1mcg/kg/min										
Hydrocortisone 100mg/2ml/vial for sepsis and adrenal insufficiency	IV	2mg/kg	0.04	0.08	0.12	0.2	0.4	0.6	0.8	1.2	2	2
Methylprednisolone 40mg/vial (稀釋至2mL) For status asthmaticus & anaphylactic shock	IV/IO/IM	load: 2 mg/kg				0.5	1	1.5	2	3	3	3
	IV	maint: 0.5-1 mg/kg q6h				0.25	0.5	0.75	1	1.5	1.5	1.5

* 劑量為建議稀釋配製後量所標示

以上為建議劑量, 請按病人實際所需去調整劑量