

UK Consensus on Standard Concentrations for Paediatric and Neonatal Care

Drug	Pre term infants	Infants	Children	Adolescent	Adult(1)
Morphine		100microgram/ml	400microgram/ml		1 or 2mg/ml
Midazolam		200microgram/ml	500microgram/ml		1 or 2mg/ml
Fentanyl		20microgram/ml		50microgram/ml	
Clonidine		6 microgram/ml	12microgram/ml; 40microgram/ml		15microgram/ml
Nor/Adrenaline	5microgram/ml	40 microgram/ml	160microgram/ml		80 to 320 microgram/ml
Dopamine		1.2mg/ml	2.4mg/ml 8mg/ml (central only)		4, 5 and 8mg/ml
Dobutamine		1.25mg/ml	5mg/ml		5mg/ml
Furosemide	1mg/ml	2mg/ml	2mg/ml 10mg/ml (central only)		No recommendation
Labetalol	1mg/ml		5mg/ml		Commercially available 5mg/ml product
Milrinone	100microgram/ml	200microgram/ml	200microgram/ml 1mg/ml (central only)		200microgram/ml
Vasopressin	0.2units/ml		0.4units/ml		0.4units/ml
Amiodarone		3mg/ml	6mg/ml		3 to 18mg/ml
Rocuronium	2.5mg/ml	5mg/ml	10mg/ml		No recommendation
Vecuronium		400microgram/ml		1mg/ml	
Atracurium	2.5mg/ml	5mg/ml	10mg/ml		No recommendation
Heparin		100units/ml	500units/ml		1000units/ml
Insulin		0.2units/ml	1unit/ml		1unit/ml
Potassium chloride			0.5mmol/ml		No recommendation

Reference

- 1) Keeling P et al. "Towards IV drug standardisation in critical care" Br J Nurs 2010; 19(19):30-33