



NEONATAL MEDICATION GUIDELINE					
Y-Site IV Compatibility in Neonates					
Scope (Staff):	Nursing, Medical and Pharmacy Staff				
Scope (Area):	KEMH NICU, PCH NICU, NETS WA				
This document should be read in conjunction with the Disclaimer .					

Aim

The purpose of this guideline is to assist nursing and medical staff in the safe administration of intravenous (IV) medication to neonates.

Key points

The table provides a guide to medication compatibility via Y-site within the NICU.

Medication compatibilities are concentration, temperature and light dependent.

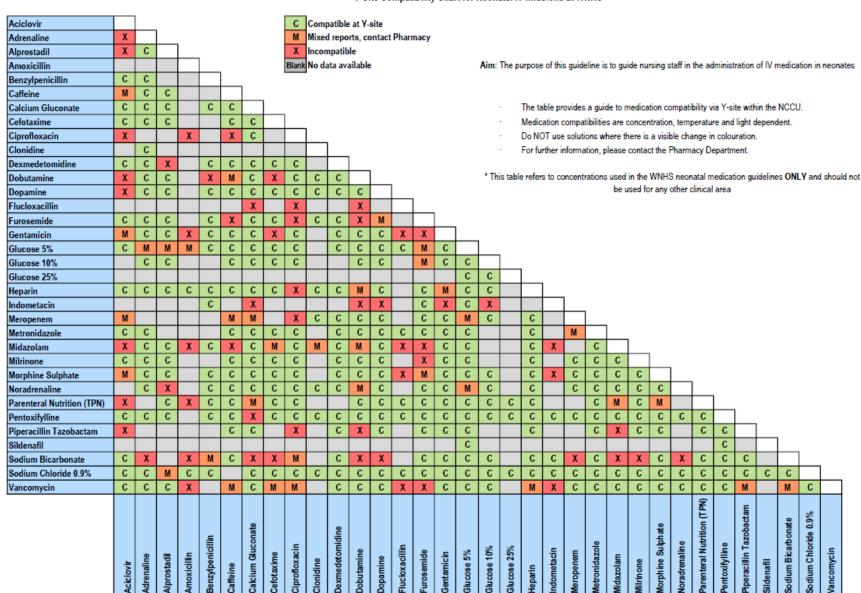
Do NOT use solutions where there is a visible change in colouration.

For further information, please contact the KEMH pharmacy department.

Risk

Non-compliance with this guideline will:

Breach legislative requirements	Impact on Patient Quality of Care	
Breach National/State/Mandatory Policy	Impact on Patient Safety	\boxtimes
Breach professional standards	Impact financial operations	
Damage NMHS reputation	Impact on Staff Safety	
Other		



Y-Site Compatibility Chart for Neonatal IV Infusions at WNHS

References and resources

Society of Hospital Pharmacists of Australia. Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2021 [cited 2021 July, 5]. Available from: http://aidh.hcn.com.au

King Guide to Parenteral Admixtures. [Internet]. King Guide Publications, Inc; 2020 [cited 2021 July, 5]. Available from:

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South Eastern Sydney Local Health District. Clinical Resources/Guidelines. Neomed Formularies, Sydney Australia 2021. [cited 2021 July, 5]. Available from: http://www.seslhd.health.nsw.gov.au/rhw/Newborn_Care/guidelines_med.asp

Lauterbach, R., Strunk, T., Patole, S., Hurkala, J. and Pawlik, D. (2018). Compatibility of intravenous pentoxifylline with other medications infused concurrently in preterm infants with late-onset sepsis. [online] Available at: https://www.ncbi.nlm.nih.gov/pubmed/29524245# [Accessed 10 May 2018].

Campbell AL, Petrovski M, Senarathna SG, Mukadam N, Strunk T, Batty KT. Compatibility of pentoxifylline and parenteral medications. Arch Dis Child. 2020 Apr;105(4):395-397. doi: 10.1136/archdischild-2019-317912. Epub 2019 Dec 23. PMID: 31871042.

Useful resources (including related forms)

https://kemh.libguides.com/library/elibrary/nccu_neonatal_hub https://cahslibrary.health.wa.gov.au/home/medications

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NSQHS Standards Applicable:	Std 1: Cli	Std 5: Comprehensive Care Std 6: Communicating for Safety						
	Std 3: Preventing and Controlling Healthcare Associated Infection			Std 7: Blood Management				
	Std 4: Medication Safety			Std 8: Recognising and Responding to Acute Deterioration				
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Access the current version from WNHS HealthPoint.								

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