

NEONATAL Medication Monograph

WNHS Intravenous Y-site Infusion Compatibility

This document should be read in conjunction with this [DISCLAIMER](#)

Y-Site Compatibility Chart for Neonatal IV Infusions at WNHS

Medication	Aciclovir	Adrenaline	Alprostadil	Benzylpenicillin	Caffeine	Calcium Gluconate	Cefotaxime	Ciprofloxacin	Clonidine	Dexmedetomidine	Dobutamine	Dopamine	Flucloxacillin	Furosemide	Gentamicin	Glucose 5%	Glucose 10%	Glucose 25%	Indometacin	Meropenem	Metronidazole	Midazolam	Milrinone	Morphine Sulphate	Noradrenaline	Parenteral Nutrition (TPN)	Pentoxifylline	Piperacillin Tazobactam	Sildenafil	Sodium Bicarbonate	Sodium Chloride 0.9%	Vancomycin	
Aciclovir																																	
Adrenaline	X																																
Alprostadil	X																																
Benzylpenicillin	C	C																															
Caffeine	M	C	C																														
Calcium Gluconate	C	C		C																													
Cefotaxime	C	C	C		C	C																											
Ciprofloxacin	X						X	C																									
Clonidine		C																															
Dexmedetomidine	C	C			C	C	C	C																									
Dobutamine	X	C	C	X	M	C	X	C	C	C																							
Dopamine	X	C	C	C	C	C	C	C	C	C																							
Flucloxacillin						X		X					X																				
Furosemide	C	C	C	C	X	C	C	X	C	C	X	M																					
Gentamicin	M	C	C	C	C	C	X	C		C	C	C	X	X																			
Glucose 5%	C	M	M	C	C	C	C	C		C	C	C	C	M	C																		
Glucose 10%		C	C		C	C	C	C		C	C			M	C	C																	
Glucose 25%																																	
Indometacin				C		X					X	X		C	X	C	X																
Meropenem	M				M	X		X		C	C	C		C	C	M	C																
Metronidazole	C	C			C	C	C	C		C	C	C	C	C	C							M											
Midazolam	X	C		C	X	C	M	C	M	C	M	C	X	X	C	C						X											
Milrinone	C	C			C	C	C	C		C	C	C		x	C	C																	
Morphine Sulphate	M	C		C	C	C	C	C		C	C	C	X	M	C	C	C					X											
Noradrenaline		C		C	C	C	C	C	C	C	M	C		C	C	M	C																
Parenteral Nutrition (TPN)	X		C	C	C	M	C	C		C	C	C	C	C	C	C	C	C															
Pentoxifylline	C	C	C	C	C	X	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Piperacillin Tazobactam	X				C	C		X		C	X	C		C	C	C																	
Sildenafil																																	
Sodium Bicarbonate	C	X		M	C	X	X	M		C	X	X		C	C	C	C					X	C	X	X	C	X	C	C	C	C		
Sodium Chloride 0.9%	C	C	M	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Vancomycin	C	C	C		M	C	M	M		C	C	C		X	C	C	C					X	C	C	C	C	C	C	M	C			

C Compatible at Y-site  
M Mixed reports, contact Pharmacy  
X Incompatible  
Blank No data available

Aim: The purpose of this guideline is to guide nursing staff in the administration of IV medication in neonates

- The table provides a guide to medication compatibility via Y-site within the NCCU.
- 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 Pharmacy Department.

\* This table refers to concentrations used in the WNHS neonatal medication guidelines **ONLY** and should not be used for any other clinical area

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