NEONATAL Medication Monograph

CLINDAMYCIN

This document should be read in conjunction with this **DISCLAIMER**

Restricted: Requires Microbiologist review within 24 hours of initiation

Presentation	Ampoule: 300mg/2mL = 150mg/mL (Viatris®)
Classification	Lincosamide antibiotic
Indication	Infection due to susceptible organisms
Dose	**Infection due to susceptible organisms** **IV:**

Corrected Gestational Age	Postnatal Age	Dose	Frequency
< 30 weeks	≤ 28 days	5 to 7.5mg/kg	Every 12 hours
	>28 days	5 to 7.5mg/kg	Every 8 hours
30 to 36 weeks	≤14 days	5 to 7.5mg/kg	Every 12 hours
	> 14 days	5 to 7.5mg/kg	Every 8 hours
37 to 44 weeks	≤ 7 days	5 to 7.5mg/kg	Every 12 hours
	> 7 days	5 to 7.5mg/kg	Every 8 hours

Dose Adjustment	Increase dosing interval in patients with significant liver dysfunction.
Monitoring	Hepatic function, gastrointestinal status, full blood count and renal function during prolonged treatment
Guidelines & Resources	Sepsis Calculator
Compatible Fluids	Glucose 5% , Sodium chloride 0.9%

Preparation	**IV:** available from CIVAS (KEMH & PCH) Take 1mL (150mg) and add 29mL of compatible fluid. Concentration is 150mg/30mL Final Concentration = 5mg/mL
Administration	**IV:** Infuse over 10 to 60 minutes
Adverse Reactions	**Common:** Nausea, vomiting, abdominal cramps, diarrhoea, rash **Serious:** Pseudomembranous colitis, arrhythmias if administered too quickly
Storage	Check Brand for Storage Details. **Viatris®:** Store below 25 °C. Do not freeze.
Notes	Discontinue if severe diarrhoea develops Diarrhoea, colitis and pseudomembranous colitis have been reported and may begin up to several weeks after cessation of therapy Some brands of clindamycin injection contain benzyl alcohol which has been associated with serious adverse events including “gasping” syndrome in neonates – ***Viatris brand preferred***
References	Truven Health Analytics. Clindamycin. In: NeoFax [Internet]. Greenwood Village (CO): Truven Health Analytics; 2019 [cited 2020 Sept 04]. Available from: https://neofax.micromedexsolutions.com/ Society of Hospital Pharmacists of Australia. Clindamycin. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2019 [cited 2020 Sept 04]. Available from: http://aidh.hcn.com.au Takemoto CK, Hodding JH, Kraus DM. Pediatric & neonatal dosage handbook with international trade names index : a universal resource for clinicians treating pediatric and neonatal patients. 24th ed. Hudson (Ohio): Lexicomp; 2019 AusDI. Clindamycin Viatris. In: AusDI by Medical Director [Internet]. Australia: AusDI by Medical Director; 2025 [cited 2025 Dec 16]. Available from: https://www.ausdi.com/

Document owner:	Head of Department - Neonatology		
Author / Reviewer:	KEMH & PCH Pharmacy / Neonatology Directorate		
Date first issued:	November 2008	Version:	3.2
Last reviewed:	September 2020	Next review date:	September 2025
Endorsed by:	Neonatal Directorate Management Group	Date:	September 2020
Standards Applicable:	NSQHS Standards: 1 Governance 3 Infection Control 4 Medication Safety;		
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