



## NEONATAL Medication Monograph

# NEVIRAPINE




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

**Restricted:** Requires Neonatologist or Microbiologist review within 24 hours of initiation

**⚠ HIGH RISK Medication**

<b>Presentation</b>	Oral Solution: 50mg/5mL = 10mg/mL
<b>Description</b>	Non-nucleoside reverse transcriptase inhibitor Synergistic antiviral activity occurs when administered with zidovudine and lamivudine
<b>Indications</b>	For the treatment of HIV infection in combination with other antiviral agents. Antiretroviral treatment regimens are determined on an individual basis
<b>Contraindications</b>	Moderate to severe hepatic impairment
<b>Precautions</b>	Hypersensitivity reactions
<b>Dosage</b>	<i>Dose regimens may vary dependent on an individual basis and maternal history</i>  <i>Given in combination with zidovudine and lamivudine</i> <b><u>If mother has never taken nevirapine or was taking nevirapine for less than 3 days prior to birth</u></b> 2 mg/ kg/ dose orally, daily for <b>1 week</b> , Then 4 mg/ kg/ dose orally, daily for <b>1 week</b> , then stop  <b><u>If mother was taking nevirapine for the last 3 days or more prior to birth</u></b> 4 mg/ kg/ dose, daily for <b>2 weeks</b> , then stop
<b>Adverse Reactions</b>	<b>Common:</b> rash, fever, diarrhoea
	<b>Serious:</b> hepatotoxicity, neutropenia

<b>Preparation</b>	<b>Oral:</b> Use undiluted
<b>Administration</b>	May be given at any time with regards to feeds
<b>Monitoring</b>	Liver function tests for long term use Neutrophil and haemoglobin count when infant is on combination therapy
<b>Storage</b>	Store at room temperature, below 25°C
<b>Notes</b>	Given in combination with zidovudine and lamivudine
<b>Related clinical guidelines</b>	<a href="#">CAHS HIV Prevention in Infants Born to HIV Positive Women</a> <a href="#">WNHS HIV Positive: management of the woman and her neonate</a>
<b>Related policies</b>	WNHS Policy: <a href="#">Antimicrobial Stewardship</a>
<b>References</b>	Truven Health Analytics. Nevirapine. In: NeoFax [Internet]. Greenwood Village (CO): Truven Health Analytics; 2019 [cited 2020 Mar 13]. Available from: <a href="https://neofax.micromedexsolutions.com/">https://neofax.micromedexsolutions.com/</a> 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 Australian Society of Infectious Diseases 2014. Management of Perinatal Infections 2014. [cited 2020 Mar 13]. Available from: <a href="https://www.asid.net.au/documents/item/368">https://www.asid.net.au/documents/item/368</a>

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