



NEONATAL Medication Monograph

PROBIOTIC SUPPLEMENT

(Bifidobacterium breve M-16V)

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

Unrestricted: Any prescriber may initiate treatment

Presentation	Sachet: 5 billion organisms per 1g sachet Dry Powder for reconstitution
Classification	Probiotic Oral Supplement
Indication	Water soluble oral supplement for preterm infants born at < 35 weeks gestation at risk of developing necrotising enterocolitis Discontinue when infant reaches 37 weeks corrected gestational age or on discharge from the Neonatal Unit. NOTE: Parent/Guardian consent is to be obtained prior to administration of probiotics
Dose	<u>Oral:</u> Minimal enteral feeds (<50mL/kg/day) 1mL of reconstituted supplement ONCE a day Nutritive enteral feeds (≥ 50mL/kg/day) 1mL of reconstituted supplement TWICE a day <u>'Nil by Mouth'</u> Probiotic supplement should be WITHHELD
Preparation	Reconstitute with sterile Water for Injection To prepare a single dose: Dilute contents of one sachet with 2mL sterile water for injection to a final volume of 3mL of reconstituted solution

	<p>To prepare several doses:</p> <p>Empty contents of 3 sachets into a 10mL syringe, add 6mL sterile Water for Injection for a final volume of 9mL of reconstituted solution.</p> <p>Transfer 1mL of this solution into an oral syringe for each baby's dose.</p> <p>Administer dose immediately after reconstitution</p>	
Administration	<p>Can be given at any time with regards to feeds.</p> <p>Probiotic supplement should be WITHHELD while infant is 'nil by mouth'</p>	
Adverse Reactions	<p>Common</p> <p>Serious</p>	<p>Diarrhoea</p> <p>Nil</p>
Storage	<p>Store dry powder sachets at room temperature.</p> <p>Reconstituted solution must be discarded after 2 hours.</p>	
Notes	<p>Perform adequate hand hygiene protocols prior to reconstitution.</p> <p>Discard remaining reconstituted solution immediately after use.</p> <p>Administer dose immediately after reconstitution.</p> <p>Parent/Guardian consent is to be obtained prior to administration of probiotics</p>	
References	<p>Deshpande GC, Rao SC, Keil AD, Patole SK. Evidence-based guidelines for use of probiotics in preterm neonates. <i>BMC Medicine</i>. 2011;9:92. doi:10.1186/1741-7015-9-92.</p> <p>Satoh Y et al. Bifidobacteria prevents necrotising enterocolitis and infection in preterm infants. <i>International Journal of Probiotics and Prebiotics</i>. 2007,2(2/3):149-54</p>	

Document owner:	Head of Department - Neonatology		
Author / Reviewer:	KEMH & PCH Pharmacy / Neonatology Directorate		
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