## 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

- **Oral:**
  - 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

  **‘Nil by Mouth’**
  - 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
To prepare several doses:
Empty contents of 3 sachets into a 10mL syringe, add 6mL sterile Water for Injection for a final volume of 9mL of reconstituted solution. Transfer 1mL of this solution into an oral syringe for each baby’s dose. Administer dose immediately after reconstitution.

Administration
Can be given at any time with regards to feeds. Probiotic supplement should be WITHHELD while infant is ‘nil by mouth’

<table>
<thead>
<tr>
<th>Adverse Reactions</th>
<th>Common</th>
<th>Diarrhoea</th>
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<tbody>
<tr>
<td>Serious</td>
<td>Nil</td>
<td></td>
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Storage
Store dry powder sachets at room temperature. Reconstituted solution must be discarded after 2 hours.

Notes
Perform adequate hand hygiene protocols prior to reconstitution. Discard remaining reconstituted solution immediately after use. Administer dose immediately after reconstitution. Parent/Guardian consent is to be obtained prior to administration of probiotics.

References