**DRUG:** PROBIOTIC SUPPLEMENT (B. breve M-16V )

**PRESENTATION:** Sachet: 5 billion organisms per 1g sachet of dry powder

**ACTION & INDICATION:** Water soluble oral supplement for preterm infants born at <33 weeks gestation at risk of developing necrotising enterocolitis

**DOSE:**

- **ORAL:**
  - Minimal enteral feeds (<50ml/kg/day):
    - 1.0ml of reconstituted supplement once per day
  - Nutritive enteral feeds (≥ 50ml/kg/day):
    - 1.0 ml of reconstituted supplement twice a day

  Administer reconstituted solution at above dosage when commencing minimal enteral feeds (<50ml/kg/day) and upon reaching nutritive enteral feeds (≥50ml/kg/day)
  Discontinue when infant reaches 37wks CGA or at discharge from Neonatal Unit.

**PREPARATION & ADMINISTRATION:**

- Reconstitute with sterile Water for Injection
  - To prepare several doses:
    - Empty contents of 3 sachets into a 10mL syringe, add 6mL sterile Water for Injection to get 9mL of reconstituted solution.
    - Transfer 1mL of this solution into a 2.5mL syringe for each baby dose.
  - Administer dose immediately
  - To prepare a single dose:
    - Dilute contents of one sachet with 2ml sterile water for injection to get 3ml of reconstituted solution containing approximately 5 billion organisms.

**ADVERSE EFFECTS:** Loose stools

**COMMENTS:**

- Observe hand washing protocol
- Discard remaining reconstituted solution immediately.
- Do not retain reconstituted solution for >120minutes.

**REFERENCES:**

- Dr T Keil Microbiology

**DATE:** October 2013