**DRUG:** PHYTOMENADIONE (VITAMIN K)

**PRESENTATION:** Ampoule: 2mg/0.2mL (for oral, IV, IM administration)

**ACTION & INDICATION:** Prevents haemorrhagic disease of the newborn by promoting the synthesis of blood coagulation factors in the liver.
For neonatal biliary atresia and liver disease

**DOSE:**

**Prophylaxis:**
- IM, IV, UA, UV:
  - ≤ 1500g: 0.5mg (0.05mL) as a single dose
  - > 1500g: 1mg (0.1mL) as a single dose
- Oral: 3 doses to be administered
  - Day 1: 2 mg (0.2mL)
  - Day 2: If first dose not retained, repeat dose.
  - Day 3 - 5: 2 mg (0.2mL)
  - Week 4: 2 mg (0.2mL)

**Neonatal biliary atresia and liver disease:**
- 1mg daily

**PREPARATION:**
- IV: May be diluted to 0.5mL if required for ease of administration
- Diluent: Glucose 5%, 10%, Glucose / saline, Sodium chloride 0.9%

**ADMINISTRATION:**
- Intramuscular: As per NCCU policy. This is the preferred route of administration.
- IV: Give slowly over 5-10 minutes
- Umbilical arterial or venous injection
- Oral: Contents of ampoule may be given orally.

**ADVERSE EFFECTS:** Flushing, anaphylactic reaction, cyanosis, bronchospasm, rapid weak pulse, hypotension.
Excessive doses: hyperbilirubinaemia and kernicterus.

**REFERENCES:**
Paediatric Pharmacopoeia 13th Ed Royal Children's Hospital Melbourne
BNF for Children 2013

**DATE:** October 2013