





NEONATAL

FERROUS SULFATE

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

Presentation	Oral liquid: 150mg/5mL ferrous sulphate- equivalent to 6mg/mL of elemental iron.
Action & Indication	<p>Iron Supplement for iron deficiency anaemia.</p> <ul style="list-style-type: none"> • Treatment of Iron Deficiency Anaemia • Prevention of Iron Deficiency Anaemia in infants born < 35 weeks gestation and greater than 4 weeks postnatal age, and fed unfortified breast milk. <ul style="list-style-type: none"> ○ Supplementation may cease at 4 months of age depending on dietary intake of iron <p>Note: PreNAN human milk fortifier contains iron, infants fed this human milk fortifier should not require supplementation.</p>
Contraindication	Thalassaemia, haemochromatosis and anaemia not due to iron deficiency
Precaution	Risk of iron induced haemolysis in preterm infants with Vitamin E deficiency is greater in the first 6 weeks of life. Ensure adequate vitamin E levels prior to supplementation.
Dose	<p><u>Prevention of Iron Deficiency Anaemia</u></p> <p>Oral: 0.2 mL/kg per dose 12 hourly until at least 4 months corrected age, depending on dietary intake of iron.</p> <p><u>Treatment of Iron Deficiency Anaemia</u></p> <p>Oral: 0.5 mL/kg per dose 12 hourly</p>
Monitoring	Haemoglobin, serum ferretin
Administration	<u>Oral:</u> Preferably prior to a feed, otherwise administer with feeds.
Adverse Effect	Common: nausea, GI irritation, constipation, black discolouration of faeces
Related clinical guidelines	Vitamin and Mineral Supplementation

Comments	<ul style="list-style-type: none"> • Contains 70% Sorbitol solution 100mg/mL • Oral liquid does not contain alcohol
References	<p>Kemp CA, McDowell JM. Paediatric pharmacopoeia. Melbourne; 2002.</p> <p>Mangum B. Neofax 2012. Thomson Reuters; 2012.</p> <p>ESPGHAN Guidelines 2013.</p>

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