



NEONATAL




FOLIC ACID

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

Unrestricted: Any prescriber may initiate treatment as per guideline

Presentation	Ampoule: 5mg/mL Oral Solution: 500microgram/mL
Classification	B Group Vitamin Required for synthesis of purine and pyrimidine bases (DNA) and for amino acid metabolism and normal erythropoiesis Folic acid stimulates the production of red blood cells, white blood cells and platelets
Indication	Megaloblastic Anaemia Folic Acid Deficiency
Dose	<u>IV/IM/Oral:</u> (<i>Oral route is preferred</i>) 50micrograms once daily With Erythropoietin : 50-100micrograms once a day
Compatible Fluids	Glucose 5%, Sodium Chloride 0.9%
Preparation	<u>IM:</u> (<i>preferred injectable route</i>) Give undiluted <u>IV Push:</u> Give undiluted <u>IV Infusion:</u> Dilute 0.2mL (1mg) to a final volume of 10mL with an appropriate diluent. Concentration is 1mg/10mL = 100microgram/10mL Final concentration = <u>100microgram/mL</u>

Administration	<p>IM: Give as per NCCU protocol</p> <p>IV Push: Give over 2-5 minutes</p> <p>IV Infusion: Infuse over 30 minutes</p> <p>Oral: may be given at any times with regards to feeds</p>
Adverse Reactions	Allergic reactions have occurred with both oral and IV folic acid administrations
Storage	<p>IV/Oral</p> <p>Store at room temperature – below 25°C</p>
References	<p>Lilley L, Legge D. Paediatric injectable guidelines. 5th ed. Melbourne (Victoria): The Royal Children's Hospital; 2019.</p> <p>British National Formulary. Folic Acid In BNF for Children 2018-19 BMJ Group Tavistock Square London , WC1H 9JP, United Kingdom.</p> <p>Australian Medicines Handbook. Folic Acid. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2019 [cited 2019 Sept 6]. Available from: https://amhonline.amh.net.au/</p> <p>Truven Health Analytics. Folic Acid. In: NeoFax [Internet]. Greenwood Village (CO): Truven Health Analytics; 2019 [cited 2019 Sept 6]. Available from: https://neofax.micromedexsolutions.com/</p>

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