NEONATAL

RANITIDINE

This document should be read in conjunction with this **DISCLAIMER**

Unrestricted: Any prescriber may initiate treatment as per guideline

Presentation	Ampoule: 50mg/5mL Mixture: 150mg/10mL = 15mg/mL
Classification	Histamine (H2) receptor antagonist, which competitively inhibits the action of histamine thereby decreasing gastric acid secretion.
Indication	• Short term treatment of gastric and duodenal ulcers • Treatment of pathologic GI hypersecretory conditions e.g. Short Gut syndrome • Short term symptomatic relief of gastro-oesophageal reflux
Dose	**IV:** **<37 weeks:** 0.5 mg/kg/dose every 12 hours **>37 weeks:** 1.5mg/kg/dose every 8 hours **Oral:** 2 mg/kg/dose every 8 hours
Compatible Fluids	Sodium chloride 0.9%
Preparation	**IV:** Available from CIVAS (KEMH & PCH) Dilute 5mL (50mg) of ranitidine to a final volume 20mL with sodium chloride 0.9% Concentration is 50mg/20mL = 2.5mg/mL May be further diluted if required Maximum rate of 10mg/minute
Administration	**IV**: Administer over at least five minutes **Oral:** May be given at any time with regard to feeds.

Adverse Reactions	**Common:** Diarrhoea, constipation **Infrequent:** Rash, vomiting, abdominal pain, **Rare:** Raised ALT (alanine aminotransferase), tachycardia, bradycardia
Storage	Ampoule: Store below 25°C and protect from light. Tablets and Liquid: Store below 25°C.
Interactions	Amiodarone — concurrent use of amiodarone and ranitidine may result in increased amiodarone exposure.
References	Society of Hospital Pharmacists of Australia. Ranitidine. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2017 [cited 2019 April 09]. Available from http://aidh.hcn.com.au Neomed Formularies. Ranitidine. In: The Royal Hospital for Women [Internet]. [South Eastern Sydney, New South Wales;2016 [cited 2019 April 09]. Available from: https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/neomed-formularies Truven Health Analytics. Ranitidine. In: NeoFax [Internet]. Greenwood Village (CO): Truven Health Analytics; 2019 [cited 2019 April 09]. Availabl from: https://neofax.micromedexsolutions.com/

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