



NEONATAL Medication Monograph




FAMOTIDINE

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

Unrestricted: Any prescriber may initiate treatment as per guideline

Presentation	<p>Vial: 20mg/2mL (SAS)</p> <p>Oral Mixture: Contact Pharmacy or use Famotidine 40mg Tablets</p>
Classification	Histamine (H2) receptor antagonist, which competitively inhibits the action of histamine thereby decreasing gastric acid secretion.
Indication	<ul style="list-style-type: none"> • 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	<p>IV:</p> <p>0.25mg to 0.5mg/ kg/ dose every 24 hours</p> <p>Oral:</p> <p>0.5mg to 1mg/ kg/ dose every 24 hours</p>
Compatible Fluids	Sodium chloride 0.9%
Adverse Reactions	<p>Common: Diarrhoea, constipation</p> <p>Infrequent: Rash, vomiting, abdominal pain,</p> <p>Rare: NEC, Raised liver enzymes</p>
Preparation	<p>IV:</p> <p>Dilute 2mL (20mg) of famotidine to a final volume 10mL with sodium chloride 0.9%</p> <p>Concentration is 20mg/10mL = <u>2mg/mL</u></p> <p>May be further diluted if required</p>

Preparation	<p>Oral:</p> <p>Use solution Prepared in Pharmacy if available</p> <p>If solution not available – prepare the following solution using famotidine 40mg tablets</p> <ul style="list-style-type: none"> ▪ Dispense ONE famotidine tablet (40mg) in 20mL of water. Tablet will disperse within 2 minutes ▪ Concentration is 40mg/20mL = 2mg/mL ▪ Discard any unused solution
Administration	<p>IV: Administer over at least 2 minutes</p> <p>Oral: May be given at any time with regard to feeds.</p>
Storage	Vial: Refrigerate, do not freeze
Notes	SAS Category A Form to be completed
References	<p>Truven Health Analytics. Famotidine. In: NeoFax [Internet]. Greenwood Village (CO): Truven Health Analytics; 2019 [cited 2020 Feb 05]. Available from: https://neofax.micromedexsolutions.com/</p> <p>Takemoto CK, Hodding JH, Kraus DM. Pediatric & neonatal dosage handbook with international trade names index : a universal resource for clinicians treating pediatric and neonatal patients. 24th ed. Hudson (Ohio): Lexicomp; 2019</p>

Keywords	Famotidine, reflux, gastric secretion, H2 antagonist, ranitidine		
Document owner:	Head of Department - Neonatology		
Author / Reviewer:	KEMH & PCH Pharmacy / Neonatology Directorate		
Date first issued:	February 2020	Version:	1.0
Last reviewed:	February 2020	Next review date:	February 2023
Endorsed by:	Neonatal Directorate Management Group	Date:	February 2020
Standards Applicable:	NSQHS Standards: 1  Governance 3  Infection Control 4  Medication Safety;		
Printed or personally saved electronic copies of this document are considered uncontrolled. Access the current version from the WNHS website.			