



NEONATAL




# URSODEOXYCHOLIC ACID

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

**Restricted:** Requires Neonatologist review within 24 hours of initiation

<b>Presentation</b>	Oral Suspension: 50mg/mL
<b>Classification</b>	Hydrophilic bile acid which alters bile acid composition, increases bile acid output and bile flow and decreases reuptake of bile products from the gut.  May protect liver cells from damaging activity of toxic bile acids in chronic liver disease.
<b>Indication</b>	Treatment of cholestasis associated with parenteral nutrition, biliary atresia, and cystic fibrosis.
<b>Contraindication</b>	Contraindicated in patients with complete biliary obstruction
<b>Dose</b>	<b>Oral:</b> 10 to 15 mg/kg/dose every 12 hours
<b>Monitoring</b>	Monitor liver function tests and serum bilirubin. Observe stool colour.
<b>Administration</b>	Oral or via intragastric tube. May be given at any time in regard to feeds.
<b>Adverse Reactions</b>	<b>Common:</b> Nausea, vomiting, constipation, flatulence, <b>Infrequent:</b> Transient increase in liver function test values. <b>Rare:</b> Transient hypercholesterolaemia.
<b>Storage</b>	Closed bottle: Store below 25°C. Discard suspension 4 months after opening (write date opened on bottle).
<b>Interactions</b>	Antacids which contain aluminium bind to ursodeoxycholic acid and reduce its absorption.
<b>Notes</b>	Consider fat-soluble vitamin supplementation if required to prevent fat-soluble vitamin deficiency during cholestasis.

<b>References</b>	<p>Australian Medicines Handbook. Ursodeoxycholic acid. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2019 [cited 2019 Jul 03]. Available from: <a href="https://amhonline.amh.net.au/">https://amhonline.amh.net.au/</a></p> <p>Truven Health Analytics. Phenytoin. In: NeoFax [Internet]. Greenwood Village (CO): Truven Health Analytics; 2019 [cited 2019 Jul 04]. Available from: <a href="https://neofax.micromedexsolutions.com/">https://neofax.micromedexsolutions.com/</a></p>
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