

Yorkshire and Humber Neonatal Operational Delivery Network

Drug Administration Guide

Fluconazole

Indication	Prophylaxis of fungal infections Treatment of fungal infections
Dose	<u>Prophylaxis:</u> Babies <14 days – 6mg/kg every 72 hours Babies 14 days to 28 days – 6mg/kg every 48 hours Babies over 28 days – 6mg/kg every 24 hours <u>Treatment:</u> Babies <14 days – 12mg/kg every 72 hours Babies 14 days to 28 days – 12mg/kg every 48 hours Babies over 28 days – 12mg/kg/every 24 hours
Route of administration	Intravenous infusion over 10-30 minutes. Do not exceed infusion rate of 5-10mL/minute. Can be given orally or via nasogastric tube once on half feeds as it has good oral bioavailability.
To prepare	50mg in 25mL infusion bottle (2mg/mL) Withdraw dose required and administer
Compatibilities	Glucose 5%, aciclovir, benzylpenicillin, dexamethasone, dobutamine, dopamine, gentamicin, heparin, meropenem, metronidazole, midazolam, morphine, phenytoin, ranitidine, vancomycin, parenteral nutrition
Known incompatibilities	Ambisome, calcium gluconate, cefotaxime, ceftazidime, cefuroxime, furosemide
Notes	Doses can be halved in renal impairment. If there is no compatibility information for specific drugs, do not assume compatibility. For incompatible drugs or those with no compatibility information use a separate line or, for short infusions, flush well between drugs. For side-effects see the BNFC - Fluconazole BNFC
References	Leeds Teaching Hospitals neonatal prescribing and administration monograph, Handbook of Injectable Drugs Trissel et al, BNFC.



Date produced: April 2017 Review date: April 2019 Author: Laura Dalton, Network Leadership Fellow
Produced by Yorkshire and Humber Neonatal Operational Delivery Network.
Clinicians must accept individual responsibility for using this information and prescribing safely.