

Caspofungin

FORM Vial containing Caspofungin 50mg powder for reconstitution
(Stored in Fridge)

INDICATION Treatment of invasive fungal infection as guided by microbiology

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Neonate to 2 months	25mg/m ²	Once Daily	IV Infusion
3 to 11 months	50mg/m ²	Once Daily	IV Infusion

*Use the BNFc body surface area (BSA) table below to calculate doses. This table will give an approximation of the dose required. If a more accurate calculation of BSA is required please contact pharmacy.

BSA table:

Body Weight (kg)	Surface Area (m ²)
1	0.1
1.5	0.13
2	0.16
2.5	0.19
3	0.21
3.5	0.24
4	0.26
4.5	0.28
5	0.3
5.5	0.32
6	0.34
6.5	0.36
7	0.38
7.5	0.4
8	0.42
8.5	0.44
9	0.46
9.5	0.47
10	0.49

Neonatal

West of Scotland NEONATAL PARENTERAL Drug Monographs

RECONSTITUTION	Bring the vial to room temperature and add 10.5ml water for injection to give a 5.2mg in 1ml solution .	
DILUTION	Reconstituted 5.2mg in 1ml solution	4.8ml (25mg)
	Sodium Chloride 0.9%	Dilute up to 50ml total
	Gives a 500microgram in 1ml solution (maximum concentration). Take required volume.	
	Dose guide: 2.5mg = 5ml 5mg = 10ml 10mg = 20ml	
METHOD OF ADMINISTRATION	Give as an IV infusion over 1 hour. NB DO NOT DILUTE OR FLUSH WITH GLUCOSE.	

COMPATIBILITY

Solution compatibility	Sodium chloride 0.9% or lactated Ringer's solution
Solution incompatibility	Glucose containing fluids, Parenteral nutrition (PN) and Plasma-Lyte 148.
IV Line compatibility	Amikacin, ciprofloxacin, gentamicin, Hartmann's, magnesium sulfate, metronidazole, midazolam, morphine and potassium chloride.
IV Line incompatibility	Glucose containing fluids, clindamycin, furosemide, heparin and piperacillin-tazobactam

THIS LIST IS NOT EXHAUSTIVE PLEASE CONTACT PHARMACY FOR FURTHER INFORMATION ON COMPATIBILITY WITH ANY MEDICINES NOT INCLUDED

CAUTIONS, CONTRA-INDICATIONS AND SIDE EFFECTS

- See Summary of Product Characteristics and BNFc (links below)

SPECIAL MONITORING REQUIREMENTS Liver function should be monitored during treatment. In moderate liver impairment use 70% of normal dose.

FURTHER INFORMATION If the patient is on any enzyme inducers such as carbamazepine, dexamethasone, phenytoin or rifampicin please discuss with pharmacy.

PH 6.6

LICENSED STATUS Unlicensed for use in neonates

LINKS [BNFc](#) / [Electronic Medicines Compendium](#)

APPLICABLE POLICIES [West of Scotland Neonatal Guidelines](#):

Consult local policy if applicable

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Administer reconstituted solutions immediately.

All vials, ampoules and infusion bags are for single use only unless otherwise stated.

Dose may vary depending on indication, age, renal function, hepatic function, and concomitant medications.

This monograph should be used in conjunction with the package insert, BNF for Children, and Summary of Product Characteristics. For further advice contact your clinical pharmacist or pharmacy department