

cefALOTIN

SYNONYMS	Cephalothin
BRAND NAME	CEPHALOTHIN SODIUM DBL
DRUG CLASS	Cephalosporin antibiotic
AVAILABILITY	Vial contains 1 g of cefalotin sodium. Also contains sodium bicarbonate. Contains 2.8 mmol of sodium. ¹
	Contraindicated in patients with severe immediate (IgE mediated) or severe delayed (T-cell mediated) hypersensitivity to penicillins. Seek specialist advice for patients with non-severe immediate hypersensitivity to penicillins.
pH	6–8.5 when reconstituted ¹
PREPARATION	For IM use: reconstitute the vial with 4 mL of water for injections. ¹ For IV use: reconstitute the vial with 10 mL of water for injections ¹ The solution is clear and colourless to pale yellow. May darken when kept at room temperature but can still be used. ¹
STABILITY	Vial: store below 25 °C. Protect from light. ¹ Reconstituted solution: stable for 24 hours at 2 to 8 °C. ¹ If precipitation occurs, shake vigorously while bringing to room temperature. Keep solutions for IM injection at room temperature and use within 6 hours. ¹
ADMINISTRATION	
IM injection	Inject deep into the gluteal or vastus lateralis muscle. ¹ The ventrogluteal site is preferred for injections into the gluteal muscle.
SUBCUT injection	Not recommended
IV injection	Inject slowly over 3 to 5 minutes. ¹
IV infusion	Suitable. ¹ Dilute the dose with a convenient volume of compatible fluid and infuse over 30 minutes. May be given as a continuous IV infusion. ¹
IV use for infants and children	Dilute to 100 mg/mL or weaker and inject over 3 to 5 minutes or dilute to 20 mg/mL and infuse over 30 minutes. ²
COMPATIBILITY	
Fluids	Glucose 5% ¹ , Hartmann's ¹ , Hartmann's and glucose 5% ¹ , sodium chloride 0.9% ¹
Y-site	Aztreonam ³ , buprenorphine ³ , ciclosporin ³ , clindamycin ³ , dexamethasone ³ , digoxin ³ , ephedrine sulfate ³ , fentanyl ³ , fluconazole ³ , furosemide ³ , glyceryl trinitrate ³ , hydrocortisone sodium succinate ³ , lidocaine ³ , magnesium sulfate ³ , metoclopramide ³ , morphine sulfate ³ , noradrenaline (norepinephrine) ³ , ranitidine ³ , sodium bicarbonate ³ , sodium nitroprusside ³ , suxamethonium ³ , vancomycin ³ , verapamil ³
INCOMPATIBILITY	
Fluids	No information
Drugs	Adrenaline (epinephrine) ¹ , aminoglycosides: amikacin, gentamicin, tobramycin ¹ , atracurium ³ , azathioprine ³ , calcium chloride ³ , calcium gluconate ^{1,3} , cefotaxime ³ , dobutamine ³ , ergometrine ¹ , erythromycin ³ , esmolol ³ , ganciclovir ³ , heparin sodium ¹ , labetalol ³ , midazolam ³ , potassium chloride ¹
SPECIAL NOTES	IV administration of doses greater than 6 g daily for longer than 3 days may cause thrombophlebitis. Rotate the site of injection. If necessary, hydrocortisone 10–25 mg can be added to the IV fluid to reduce the incidence of thrombophlebitis. ¹

REFERENCES

1. Product information. Available from www.tga.gov.au. Accessed 22/08/2019.
2. Cefalotin. In: DRUGDEX System [internet]. Greenwood Village, CO: Truven Health Analytics. Accessed 22/08/2019.
3. Trissel LA, Leissing NC. Trissel's Tables of physical compatibility. Lake Forest IL: Multimatrix; 1996.