

flucloxacillin

500mg injection, oral mixture

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Synonyms

Floxacin

Dose and Indications

Infection Due To Susceptible Gram Positive Organisms

Intravenous, Intramuscular

50mg/kg/dose

Corrected Age (weeks) [Gestational Age PLUS Postnatal Age]	Postnatal age (days)	Frequency (hours)
All (up to 44 weeks)	≤ 7	every 12 hours
	7 to 28	every 8 hours
	≥28	every 6 hours

Length of treatment should be guided by pathology and clinical picture; however in proven sepsis treatment should continue for a minimum of 7 days.

Oral

25mg/kg/dose

Corrected Age (weeks) [Gestational Age PLUS Postnatal Age]	Postnatal age (days)	Frequency (hours)
All (up to 44 weeks)	≤ 7	every 12 hours
	7 to 28	every 8 hours
	≥28	every 6 hours

Length of treatment should be guided by pathology and clinical picture; however in proven sepsis treatment should continue for a minimum of 7 days.

Staphylococcal Osteomyelitis, Meningitis or Cerebral Abscess

Intravenous, Intramuscular

100mg/kg/dose

Corrected Age (weeks) [Gestational Age PLUS Postnatal Age]	Postnatal age (days)	Frequency (hours)
All (up to 44 weeks)	≤ 7	every 12 hours
	7 to 28	every 8 hours
	≥28	every 6 hours

Length of treatment should be guided by pathology and clinical picture; however in proven

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sepsis treatment should continue for a minimum of 21 days.

Preparation and Administration

Intravenous

Vial Strength (mg)	Volume of Water for Injection (WFI) to add (mL)	Final Concentration of flucloxacillin (mg/mL)
500mg	9.6mL	50mg/mL

Dose	25mg	50mg	75mg	100mg	125mg	150mg
Volume	0.5mL	1mL	1.5mL	2mL	2.5mL	3mL

Administer as an infusion over at least 30 minutes

The reconstituted solution is stable for 24 hours stored under refrigeration – check with local policy about re-accessing vial for the same patient.

Intramuscular

Vial Strength (mg)	Volume of WFI to add (mL)	Final Concentration of flucloxacillin (mg/mL)
500mg	1.6mL	250mg/mL

Dose	25mg	50mg	75mg	100mg	125mg	150mg
Volume	0.1mL	0.2mL	0.3mL	0.4mL	0.5mL	0.6mL

The reconstituted solution is stable for 24 hours stored under refrigeration – check with local policy about re-accessing vial for the same patient.

Oral

There are various strengths available, refer to local guidelines for the specific strength available at your institution or unit and product information for reconstitution volume.

The reconstituted solution is usually stable for 7 days stored under refrigeration; however this may change according to brand available. Please consult product information.

Oral doses should be given on an empty stomach, where possible.

Compatible Fluids

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Glucose 5%, sodium chloride 0.9%

Adverse Effects

Common

Diarrhoea, pain and inflammation at injection site, transient increases in liver enzymes and bilirubin

Infrequent

Vomiting, *Clostridium difficile* -associated disease

Rare

Black tongue, electrolyte disturbances, neurotoxicity, bleeding, blood dyscrasias, hepatic reactions, including severe cholestatic hepatitis (especially in treatment >2 weeks).

Anaphylactic shock is not commonly seen in the neonates

Monitoring

- > Observe intravenous site for extravasations
- > Periodic liver function tests on long term therapy.

Practice Points

- > There have been reports of severe, delayed cholestatic jaundice in adults particularly after treatment for more than 2 weeks. While this has not been recognised with neonatal use, caution would be recommended in this population.

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Version control and change history

PDS reference: OCE use only

Version	Date from	Date to	Amendment
1.0	November 2012	current	Original version