

Ganciclovir

Should be made by pharmacy aseptic in the first instance

Handle as a cytotoxic as considered a potential teratogen and carcinogen in humans

Use gloves and safety goggles

FORM Vial containing 500mg powder for reconstitution

INDICATION Treatment of cytomegalovirus (CMV) disease

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Birth to 6months	6mg/kg	Every 12 hours	IV

RECONSTITUTION

1. Reconstitute a 500mg vial with 10ml of water for injection to give a 50mg/ml solution
2. The vial may require gentle rotating / swirling to obtain a clear reconstituted solution

DILUTION

Ganciclovir 50mg/mL	1ml
Sodium Chloride 0.9%	Up to 50ml

This gives a 1mg/ml solution

Concentrations up to 10mg/ml can be used in fluid restricted patients

METHOD OF ADMINISTRATION

Infuse required volume over 60 minutes preferably via central line (see info below)

COMPATIBILITY

Solution compatibility	Sodium chloride 0.9%, Glucose 5%,
Solution incompatibility	All other solutions
IV Line compatibility	Fluconazole, Linezolid
IV Line incompatibility	Remifentanyl

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 most recent edition of BNF for Children (links below)

FURTHER INFORMATION Extravasations are likely due to the high pH

PH ~11

LICENSED STATUS Not licensed for use in children

LINKS [BNF for Children](#) / [Electronic Medicines Compendium](#):

APPLICABLE POLICIES [West of Scotland Neonatal Guidelines](#): Consult local policy if applicable

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Prepared by:	Michael Mitchell	Checked by	WoS Neonatal Pharmacists
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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.