

Filgrastim- (G-CSF)

FORM Pre-filled syringe containing 300microgram in 0.5ml

INDICATION Treatment of neutropenia.

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Birth-1 month	10 microgram/kg	Once daily	IV S/C
1-6 months	12 microgram/kg	Once daily	S/C

Discontinue treatment if WCC exceeds 50 x 10⁹/litre

RECONSTITUTION Not required

DILUTION

Filgrastim injection 300 microgram/0.5ml	0.25ml
Glucose 5%	up to 10 ml total

This gives a 15 microgram/1ml solution. Use required volume.
Dose for a 1 kg baby at 10 microgram/kg would be 0.66ml of this diluted solution.

METHOD OF ADMINISTRATION Give by intravenous infusion over 30 minutes or by subcutaneous injection

COMPATIBILITY

Solution compatibility	Glucose 5% if concentration is 15microgram/ml
Solution incompatibility	Sodium chloride solutions
IV Line compatibility	No information
IV Line incompatibility	No information

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

- This drug should not be handled by pregnant members of staff. A COSHH Risk Assessment form is available on the Neonatal Unit for this product.
- Dilute to the concentration above. Solutions below this strength require to have albumin added see Data Sheet for further details.

PH 4

LICENSED STATUS Licensed product. Use in neonates and IV route for above indication is off-label

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

West of Scotland NEONATAL Parenteral Drug Monographs

APPLICABLE POLICIES

[West of Scotland Neonatal Guidelines:](#)

Consult local policy if applicable

Document Number:	001	Supersedes:	Nil
Prepared by:	WoS Neo pharm group	Checked by	Lauren Williams
Date prepared	May 2016	Date updated	September 2019
Updated by		Review Date	September 2022

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.