

Intravenous Immunoglobulin (IVIG)

FORM Solution for infusion containing 1g in 10ml of human normal immunoglobulin.

Immunoglobulin is kept as stock on the unit. However an immunoglobulin request form **must** be filled out for each patient treated.

INDICATION Varied indications (see below)

DOSE RANGE

These indications are not exhaustive. Red, Blue, Grey and Black refers to the level of evidence for use and during times of shortage where supplies will be maintained (i.e. RED indications). The Clinical Guidelines should be consulted where required.

INDICATION	DOSE	FREQUENCY	ROUTE
Maintenance therapy in primary immunodeficiency (RED)	200mg/kg – 400mg/kg	ONCE every 3-5 weeks	IV
Idiopathic thrombocytopenia purpura (RED)	400mg/kg - 1g/kg	ONCE only Can be repeated for up to 5 days according to response (maximum total dose 1-2g/kg)	IV
Haemolytic disease of the newborn (RED)	500mg/kg	ONE DOSE Can be repeated after 48 hours according to response	IV
Alloimmune Neonatal Thrombocytopenia (RED)	400mg/kg – 1g/kg	ONE DOSE Can be repeated daily for up to three days according to response	IV

The prescription of IVIG is not classed as appropriate for neonatal sepsis in the national 'Clinical Guidelines for Immunoglobulin use' and will not be supplied for this indication

RECONSTITUTION Already in solution

DILUTION No further dilution required

METHOD OF ADMINISTRATION IV infusion over 4-6 hours

COMPATIBILITY Should not be run with any other medicines / fluids.

CAUTIONS, CONTRA-INDICATIONS AND SIDE EFFECTS

- See Summary of Product Characteristics and most recent edition of BNF for Children (links below)

FURTHER INFORMATION Dose for primary immunodeficiency is dependant on clinical response and serum IgG levels.

LICENSED STATUS Unlicensed in haemolytic disease of the newborn.

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

Clinical Guidelines for Immunoglobulin Use- second edition
<https://www.nppeag.scot.nhs.uk/guidelines/>

West of Scotland NEONATAL Parenteral Drug Monographs

Immunoglobulin Request Form
<https://www.nppeag.scot.nhs.uk/guidelines/>

APPLICABLE POLICIES

[West of Scotland Neonatal Guidelines:](#)

Consult local policy if applicable

Document Number:	003	Supersedes:	002
Prepared by:	WoS Neo Pharm Group	Checked by	Peter Mulholland
Date prepared	May 2016	Date updated	July 2020
Updated by	Peter Mulholland	Review Date	July 2023

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.