

# NEONATAL West of Scotland Drug Monographs

## Parenteral Routes

Neonatal

### Intravenous Immunoglobulin (IVIG)

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

**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. During times of shortage supply will be prioritised for 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
Post exposure prophylaxis of varicella	See separate monograph: 'Intravenous immunoglobulin(IVIG) Post exposure Prophylaxis'		

**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**

<b>RECONSTITUTION</b>	Already in solution
<b>DILUTION</b>	No further dilution required
<b>METHOD OF ADMINISTRATION</b>	IV infusion over 4-6 hours
<b>COMPATIBILITY</b>	Should not be run with any other medicines / fluids.

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

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

Recommended infusion rates differs from manufacturer guidance are based on clinical experience from multiple centres

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**LICENSED STATUS** Unlicensed in haemolytic disease of the newborn.

**APPLICABLE POLICIES** West of Scotland Neonatal Clinical Guidelines:  
  
Clinical Guidelines for Immunoglobulin Use (available via [www.nppeag.scot.nhs.uk/guidelines](http://www.nppeag.scot.nhs.uk/guidelines))  
  
Consult local policy if applicable

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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 terms of reference document prepared by the West of Scotland Pharmacist Network. Information is correct at the time of publication and as per local practice agreement.  
For further advice please contact your clinical pharmacist or pharmacy department

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