

Protamine Sulfate

FORM Ampoule containing 50mg in 5ml

INDICATION Heparin Antidote

DOSE RANGE

| AGE | TIME SINCE HEPARIN GIVEN (minutes) | PROTAMINE DOSE PER 100units OF HEPARIN | ROUTE |
|--------------------|------------------------------------|--|-------|
| Neonate – 6 months | <30 | 1mg | IV |
| | 30-60 | 0.5 -0.75mg | IV |
| | 60-120 | 0.375 – 0.5mg | IV |
| | >120 | 0.25 – 0.375mg | IV |

Maximum 50mg (5ml) per dose

RECONSTITUTION Already in solution

DILUTION Not required

METHOD OF ADMINISTRATION IV injection over 10minutes undiluted, Dilute if required with sodium chloride 0.9%

COMPATIBILITY

| | |
|---------------------------------|----------------------|
| Solution compatibility | Sodium chloride 0.9% |
| Solution incompatibility | |
| IV Line compatibility | None |
| IV Line incompatibility | All other medicines |

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)

SPECIAL MONITORING REQUIREMENTS Monitor APTT and INR

FURTHER INFORMATION In excess protamine has an anticoagulant effect

PH 2.5 – 3.5

LICENSED STATUS Unlicensed in neonates

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

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

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|------------------|------------------|--------------|-----------------|
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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.