Bivalirudin Intravenous for Adults

Who can administer

Administration RESTRICTED - seeÂ Appendix 1

Important information

- **May be used only in Cardiothoracic surgery on Consultant advice**
- **Unlicensed** preparation **in Ireland**
- **IMPORTANT: The ACT is NOT the same as the APTT. Results are not interchangeable.**

Available preparations

Bivalirudin 250mg vial

Reconstitution

Water for injection

- Add 5mL per 250mg vial
- Swirl gently until fully dissolved and the solution is clear
- Reconstitution may take 3 to 4 minutes to be complete
- **Dilute further prior to administration**
- Take 5mL (250mg) of reconstitution solution and add to 45mL infusion fluid to produce a 5mg per mL solution- this diluted solution is used for both the bolus dose and the infusion [ref 1]

Infusion fluids

Glucose 5% or Sodium Chloride 0.9%

Methods of intravenous administration

Bolus intravenous injection (Cardiac surgery)

- Administer required dose as a rapid IV push

Continuous intravenous infusion (Cardiac surgery)

- Using a 5mg per ml solution (250mg in 50mL) - set up the continuous infusion
- Adjust dose as perÂ Q pulse document

Dose in adults

GUH: Only used in Cardiothoracic surgery

- See guideline here

Monitoring

- See guideline

Storage

- Store below 25^{0}C

References

1 Injectable Medicines guide, Medusa- downloaded Feb 7th, 2024

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SPC (US product)

Therapeutic classification

Anticoagulant

BNF
Blood clots