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| DRUG: | GLYCERYL TRINITRATE |
| PRESENTATION: | Ampoule: 50mg / 10mL |
| ACTION & INDICATION: | Vasodilating agent For control of hypertension associated with surgical procedures such as cardiac surgery. |
| DOSE: | IV: 1 to 10 microgram / kg / minute |
| PREPARATION: | Use solution prepared in Pharmacy if available. Diluent: Glucose 5% only Add 3mg / kg to 50mL of diluent. This is then infused at a rate of 1 - 10 mL / hr = 1 microgram / kg / minute to 10 microgram / kg / minute For other concentrations refer to the Calculation of drug infusion table. |
| ADMINISTRATION: | Intravenous infusion Use only polyethylene tubing – Portex manometer or Go Medical V2V4, V set tubing, as GTN migrates readily into plastic Do not filter. |
| ADVERSE EFFECTS: | Tachycardia Bradycardia Hypotension Vomiting Use gloves, or wash hands well when handling GTN to prevent severe headaches. |
| COMMENTS: | Do not use if turbidity or crystallisation present in prepared solution (concentration > 20mg/50mL). GTN IS NOT LIGHT SENSITIVE Compatible with Morphine and Dopamine solutions providing they are diluted in Glucose 5% and rate of administration is similar. |
| REFERENCES: | BNF for Children 2009 |
| DATE: | January 2011 |