

Critical Care Guideline  
**FOR ICU USE ONLY**

**GLYCERYL TRINITRATE**



<b>PRESENTATION:</b>	Vials containing 50mg in 50ml, 1mg/ml of glyceryl trinitrate.
<b>INDICATION:</b>	Unstable angina and left ventricular failure, hypertension. Glyceryl trinitrate reduces the cardiac preload and afterload.
<b>DOSE AND ADMINISTRATION:</b>	<b>ICU STANDARD INFUSION</b>  Glyceryl trinitrate is administered undiluted by slow intravenous infusion using a syringe pump.  Initially 0.6mls/hour (600micrograms/hour) titrated to required level. The recommended dosage range is 0.6mls-12ml/hr (600micrograms-12mg/hour).  Preferably administer via a central line.
<b>CONCENTRATION:</b>	1mg/ml.
<b>STABILITY:</b>	Physically and chemically stable for 24 hours at room temperature.

**Reference:**

1. Glyceryl Trinitrate 1mg/ml solution for infusion. Summary of Product Characteristics. Hameln Pharmaceuticals Ltd. [www.emc.medicines.org.uk](http://www.emc.medicines.org.uk). Accessed 29.8.16
2. Glyceryl trinitrate.. IV injections guide accessed via [www.injguide.nhs.uk](http://www.injguide.nhs.uk) on 29.8.16

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