## Glyceryl Trinitrate (GTN) Intravenous Infusion Administration Record

### Prescription

**Glyceryl Trinitrate:** 50mg in 50mL glass vials  
**Rate:** 0.5mL/hour to 10mL/hour.  
See overleaf for guidelines on rate adjustment.  
Sign: \[\text{Date:}\]

### Make up Each Infusion in a 50mL Syringe.

Draw up 50mL of GTN 1mg/mL into a 50mL syringe, unless otherwise instructed by medical staff. Usual starting dose 0.5mg/hour.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>GTN Batch no.</th>
<th>Prepared by</th>
<th>Checked by</th>
<th>Pump ref no.</th>
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### Observations

#### Monitoring

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Blood Pressure (mmHg)</th>
<th>Heart Rate (beats per min)</th>
<th>Symptoms present Y/N</th>
<th>GTN Infusion Rate (mL/hour)</th>
<th>Residual Volume (mL)</th>
<th>Nurse signature</th>
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### Administration Record

SEE OVERLEAF FOR PRESCRIBING GUIDELINES.

Registered by Medicines Risk Management Group: October 2009  
Reviewed & Re-registered: October 2011 & April 2016  
Next Review Date: April 2019  
Pharm ref No.: 09/007 v2  
PU ref no.: WPG676

Sample only - not for clinical use
GUIDELINES FOR ADMINISTERING GTN INFUSIONS

1. GTN solution must be administered from a 50mL syringe using an infusion pump. Do not transfer to an infusion bag.
2. Record baseline observations of blood pressure (BP) and heart rate (HR).
3. The initial infusion rate should be set at 0.5mL/hour unless otherwise instructed by medical staff.
4. Adjust the infusion rate according to the guidance in the flowchart below.
5. Re-check observations and symptoms 15 minutes after starting the infusion and after each infusion rate change.
6. If infusion rate is not changed, re-check observation and symptoms every 30 minutes for the first hour and then every hour.
7. If the infusion is reduced or stopped due to a low BP and the patient is still showing symptoms, inform medical staff.
8. Check the residual (volume remaining in the syringe) at least every hour.
9. Inform medical staff if systolic BP falls below 80mmHg.
10. When the infusion is to be discontinued, reduce the rate by 1mL/hour every hour until stopped.

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