

Policies, Procedures, Guidelines and Protocols

Document Details		
Title	Protocol for use of Glyceryl Trinitrate spray	
Trust Ref No	2092-41223	
Local Ref (optional)		
Main points the document covers	Protocol for use of Glyceryl Trinitrate spray	
Who is the document aimed at?	All clinical staff in prison and Minor Injury Units	
Owner	Rita O'Brien	
Approval process		
Who has been consulted in the development of this policy ?	Clinical lead MIU, pharmacists in SCHAT	
Approved by (Committee/Director)	Quality and Safety Delivery Group	
Approval Date	14/3/2018	
Initial Equality Impact Screening		
Full Equality Impact Assessment		
Lead Director	Director of Nursing and Operations	
Category	Policy	
Sub Category	Protocol	
Review date	14/02/2021	
Distribution		
Who the policy will be distributed to	Prison healthcare, Minor Injury Units	
Method	Publication on website, team meetings	
Keywords	GTN	
Document Links		
Required by CQC	yes	
Other		
Amendments History		
No	Date	Amendment
1	March 2018	V1
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Protocol for the administration of
GLYCERYL TRINITRATE SPRAY (GTN) 400 microg/dose
to patients in Minor Injury Units by registered nurses, pharmacists or paramedics

For details of the drug profile please refer to the current edition of the BNF or SPC

1. Staff competencies	
Authorised staff	Registered general nurse, pharmacist or paramedic
Additional requirements	Evidence of ongoing CPD and satisfactory completion of competency assessment by clinical manager Awareness of medicines containing nitrates and access to standard reference sources Onus on clinical manager for induction of new staff
2. Clinical condition or situation	
Clinical situation	Treatment of Angina/Acute non-traumatic Chest Pain
Patients included	Patients presenting with angina
Patients excluded	<ul style="list-style-type: none"> Hypersensitivity to any of the ingredients of the preparation or on interacting or contraindicated drugs (see SPC www.medicines.org.uk) Heart rate <50 or >150 beats per minute Systolic BP less than 100mm Hg Acute CVA Head trauma Any vasodilator drug (including drugs such as Viagra (sildenafil)) in the previous 24 hours Patient intoxicated Acute circulatory shock including hypovolaemic shock.
Action for patients excluded	Contact doctor for advice or 999
Action if patient declines	Contact doctor for advice or 999
3. Description of treatment	
Medicine to be administered	glyceryl trinitrate (GTN) sublingual spray 400microg per dose
Dose schedule	<ul style="list-style-type: none"> Adults only: one or two doses to be sprayed under the tongue and then patient directed to close the mouth. Check BP. May be repeated twice at 5 minute intervals if symptoms do not resolve providing systolic BP is >100mmHg.
Follow up	Monitor patient. Any lack of effect may be an indicator of early myocardial infarction
Patient advice	Inform the patient that the medicine is being administered under a protocol Inform patient of common side effects e.g. dizziness, postural hypotension, tachycardia and throbbing headache
Record keeping	Reason for administration and doses administered must be recorded on the electronic record