

St John WA

Structured Administration and Supply Agreement – Glyceryl Trinitrate (GTN) Spray

SASA Details	
Title:	Glyceryl Trinitrate Spray administration for St John WA Paramedics and Volunteers
Identifier:	Glyceryl Trinitrate Spray 1.0

Issuing Authority	
Hospital Name:	St John WA
Address:	209 Great Eastern Highway BELMONT, 6104
Contact:	(08) 9334 1222

Authorised Persons	
Practitioners:	St John WA Paramedics and Volunteers
Location:	All pre-hospital regions of Western Australia (WA)
Qualification:	AHPRA Registered Paramedic St John WA recognised First Aid Qualification: Must meet the definition of a 'medic' under the Medicines and Poisons Regulations 2016

Authorised Medicine			
Medicine Name:	Glyceryl Trinitrate	Brand:	Nitrolingual
Form:	Pump spray	Strength:	Pump spray 400mcg/spray
Dose:	400 microg per spray	Quantity:	1
Route: Sublingual			
Instructions:			
Cardiac Chest Pain / Acute Cardiogenic Pulmonary Oedema			
<ul style="list-style-type: none">Spray: 400mcg (1 spray) sublingual, repeat 5 minutes as required to resolve symptomsAutonomic DysreflexiaSpray: 400mcg (1 spray) sublingual, repeat 5 minutes as required to resolve symptoms			
Suspected Irukandji Sting SBP > 160 mm Hg			
<ul style="list-style-type: none">Spray: 400mcg (1 spray) sublingual, repeat 5 minutes as required to resolve symptoms			

Approved Circumstances	
Authorised to:	Administer glyceryl trinitrate spray sublingually to treat specific medical conditions
Place:	WA Pre-hospital environment
Patients:	St John WA Ambulance patients
Medical Condition(s):	Cardiac Chest Pain Acute Cardiac Pulmonary Oedema Autonomic Dysreflexia Suspected Irukandji Sting SBP > 160mm Hg

Clinical / Other Information	
Patient Inclusion	Chest pain/discomfort of suspected cardiac origin not relieved by rest and reassurance Acute Cardiac Pulmonary Oedema with systolic BP >90 mmHg. Autonomic Dysreflexia with systolic BP > 160 mmHg Suspected Irukandji Sting SBP > 160mm Hg
Patient Exclusion:	Hypersensitivity to glyceryl trinitrate Hypotension: Systolic BP < 90 mmHg Heart rate is between 50-150 beats per minute Ventricular Tachycardia (VT) Recent use of medications used for sexual dysfunction or specific regular medication used in the treatment of pulmonary arterial hypertension
Special Instructions:	x
Administration Notes:	Administer to the patient in a seated or semi-recumbent position Prime the bottle before using it for the first time by pressing the nozzle 5 times, spraying it into the air Do not shake GTN bottle prior to administration Assess BP before every dose
Clinical Guideline(s)	St John WA Medication Guideline: Glyceryl Trinitrate St John WA Clinical Practice Guideline: ACS, CPO, Autonomic Dysreflexia, Jellyfish and Fish venom

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Approval

Date of Issue:	
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Date of Expiry:	
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Clinical Governance Committee


Committee:	St John WA Medical Advisory Committee (MAC)
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Chair Name:	Dr Gayle Christie
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Date:	06/2025
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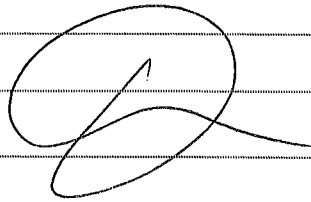
Medical Director

Name:	Dr Gayle Christie
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Date:	25/08/2025	Signature:	
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Chief Executive Officer

Name:	Mr Kevin Brown
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Date:	25/8/25	Signature:	
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