

# Comparative Table: GLYCERYL TRINITRATE INJECTION\*

Brand	GLYCERYL TRINITRATE WOCKHARDT	DBL GLYCERYL TRINITRATE, HOSPIRA GLYCERYL TRINITRATE
Container Type and Volume	50mL glass vial	10mL glass ampoule
Content GTN	50mg (1mg per mL)	50mg (5mg per mL)
Preservative Free	Yes	Yes
Route of Administration	i.v.	i.v.
Ethanol Content	Ethanol free	6.69mL Absolute Ethanol per 10mL (66.9%)
Other Excipients	Glucose	Propylene Glycol
	Glucose monohydrate	Water for Injections
	Propylene Glycol	
	Water for Injections	
Adverse Effects (differences)		Alcohol intoxication has been reported in patients receiving high dose intravenous infusions.

\*as per TGA Approved Product Information at the time of publication (May 2019)



Distributed in Australia by: Wockhardt Bio Pty Ltd c/o InterPharma Pty Ltd  
 Suite 103 / 39 East Esplanade, Manly NSW 2095 Ph: 02 9976 6876  
[www.interpharma.com.au](http://www.interpharma.com.au)

Pharmaovigilance and Medical Information: +61 2 9846 1950

**Before prescribing, please review full Product Information (PI) available on request from InterPharma.**

**GLYCERYL TRINITRATE WOCKHARDT** (Glyceryl trinitrate 50mg/50mL) CONCENTRATED solution for Injection

**Minimum Product Information: Indications:** Blood pressure control in perioperative hypertension; congestive heart failure due to acute myocardial infarction; angina pectoris in patients non-responsive to organic nitrates/beta blocker; controlled hypertension in neurosurgical/orthopaedic surgery procedures. **Contraindications:** Hypersensitivity to glyceryl trinitrate/organic nitrates or excipients; hypotension/uncorrected hypovolemia; increased intracranial pressure; constrictive pericarditis and pericardial tamponade; severe anaemia or arterial hypoxaemia; coadministration of sildenafil and soluble guanylate cyclase stimulator; obstructive cardiomyopathy (especially with aortic or mitral stenosis/constrictive pericarditis). **Precautions:** Not for intravenous injection; dilute in 5% glucose OR 0.9% sodium chloride pre-infusion; administration set used affects active amount delivered; only use in acute myocardial infarction for treating definite left ventricular failure; careful dose titration required to avoid precipitous blood pressure decrease; avoid excess hypotension and for prolonged periods; vasodilators use in hypertensive patients suspected of causing acute blindness; tolerance/cross tolerance may occur with long term/repeated use of organic nitrates; nitrate dependence; caution in patients with severe ischaemic heart disease/pulmonary disease due to hypoxaemia; methaemoglobinaemia; patients with malnutrition, hypothermia, hypothyroidism, hyperthyroidism, severe hepatic/renal disease, elderly patients; not recommended in children; contains glucose; may affect certain laboratory tests (refer PI for details). **Interactions:** Alcohol, levodopa, pancuronium, morphine, ergot alkaloids, tricyclic antidepressants, anticholinergics, vasodilators, antihypertensives, major tranquillisers, opioids; aspirin, non-steroidal anti-inflammatory drugs, noradrenaline, sympathomimetics, heparin. **Pregnancy Category B2;** Caution with lactation. **Adverse Events:** Generally dose related; headache, tachycardia, nausea, vomiting, apprehension, restlessness, muscle twitching, retrosternal discomfort, palpitations, dizziness and abdominal pain; hypotension, bradycardia; hyperosmolarity due to propylene glycol solvent. **Dosage:** Initially 5µg/min (for non-absorbing tubing) then titrated at 5µg/min increments every 3-5 mins according to clinical situation and until response noted. If no response at 20µg/min, use 10µg/min then 20µg/min increments. Once partial response observed, reduce dose increase and lengthen dosage increment interval. No fixed optimum dose; continuous monitoring of physiologic parameters required. **Administration:** Initial dilution in 450mL of 5% glucose or 0.9% sodium chloride for final concentration of 100 µg/mL. Refer PI for maintenance dilution instructions. Based on Product Information dated 7 May 2019.



Distributed in Australia by: Wockhardt Bio Pty Ltd c/o InterPharma Pty Ltd  
Suite 103 / 39 East Esplanade, Manly NSW 2095 Ph: 02 9976 6876  
www.interpharma.com.au

Pharmaovigilance and Medical Information: +61 2 9846 1950