



ADULT Medication Monograph




GLUCOSE 50%

This document should be read in conjunction with this [DISCLAIMER](#)

[Formulary: Unrestricted](#)

Class	Hyperglycaemic
Presentation	Infusion Vial: 25g in 50mL
Storage	Store at room temperature, below 25°C
Dose	Refer to KEMH Adult Resuscitation Drug Protocol for appropriate dose regimes (links below) <u>Severe Hypoglycaemia, Hyperkalaemia (with Insulin)</u> IV injection: Inject 20 to 50mL SLOWLY (3mL/minute) depending on response and blood glucose levels
Administration	<u>IV Injection</u> Inject SLOWLY (maximum rate 3mL/minute) into a large peripheral vein via a small bore needle. <u>IV Infusion</u> Infuse into a central venous access device at a maximum rate of 0.5 g/kg/hour (1 mL/kg/hour).
Pregnancy	1st Trimester: Safe to use in emergency 2nd Trimester: Safe to use in emergency 3rd Trimester: Safe to use in emergency
Breastfeeding	Safe to use in emergency
Monitoring	Blood glucose levels, Potassium
Clinical Guidelines and Policies	KEMH Clinical Practice Guidelines: Pain and Anaesthesia: Adult Resuscitation Drug Protocols Obstetrics and Gynaecology: Diabetes
References	Society of Hospital Pharmacists of Australia. Glucose 50%. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]:

	Health Communication Network; 2019 [cited 2020 Mar 04]. Available from: http://aidh.hcn.com.au
	MIMS Australia. Glucose 50%. In: MIMS Online [Internet]. St Leonards (New South Wales): MIMS Australia; 2020 [cited 2020 Mar 04]. Available from: https://www.mimsonline.com.au

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For any enquiries relating to this guideline, please email KEMH.PharmacyAdmin@health.wa.gov.au

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