

GLUCOSE 10%

(Revised: January 2014)



TYPE:	Hypertonic glucose solution – containing 0.1g dextrose per ml [no schedule]
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PRESENTATION:	10% glucose – in 250ml collapsible plastic flask
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ACTION:	Glucose is the main energy source for the body cells, especially the brain. Onset: 30 – 60 seconds.
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USE:	ICP Treat hypoglycaemia (BGL <4mMol/l, and patient unable to eat/drink)	AP
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ADVERSE EFFECTS:	1. Tissue necrosis if allowed to escape from the vein 2. Hyperglycaemia / hyperosmolality
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CONTRA-INDICATION:	Known hypersensitivity
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DOSES:

ADULT and PAEDIATRIC:		
ICP	Up to 2.5ml/kg (0.25g/kg) slowly over 5 minutes Continue to check patency of vein. May repeat dose once, if LOC or BGL has not improved.	AP

NOTES:
<ul style="list-style-type: none">• Patients who respond to glucose 10% should eat, to prevent later development of further hypoglycaemia.• Recheck BGL following treatment.