

# GLUCOSE 10%

(Revised: January 2014)



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| <b>TYPE:</b> | Hypertonic glucose solution – containing 0.1g dextrose per ml [no schedule] |
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| <b>PRESENTATION:</b> | 10% glucose – in 500ml collapsible plastic flask |
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| <b>ACTION:</b> | Glucose is the main energy source for the body cells, especially the brain.<br>Onset: 30 – 60 seconds. |
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| <b>USE:</b> | <b>ICP</b> Treat hypoglycaemia (BGL <4mMol/l, and patient unable to eat/drink) | <b>AP</b> |
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| <b>ADVERSE EFFECTS:</b> | 1. Tissue necrosis if allowed to escape from the vein<br>2. Hyperglycaemia / hyperosmolality |
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| <b>CONTRA-INDICATION:</b> | Known hypersensitivity |
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## DOSES:

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

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