4/12226718/0408

Directions for Use

B. Braun Melsungen AG · 34209 Melsungen, Germany

Glucose B. Braun 50 mg/ml Solution for Infusion

Composition
1000 ml of solution contain

Active ingredient:

Glucose (as glucose monohydrate 55.0 g)	50.0 g

Excipient:
Water for Injections

Carbohydrate content:	50.0 g/l
Caloric value:	835 kJ/l = 200 kcal/l
Theoretical osmolarity:	278 mOsm/l
Titration acidity (to pH 7.4):	< 0.5 mmol/l
pH:	3.5 - 5.5

Pharmaceutical form
Solution for infusion

Pharmaco-therapeutic group
Vehicle solution

Indications
Vehicle solution for physico-chemically compatible electrolyte concentrates and medicaments.

Contraindications
- Elevated blood sugar concentration (hyperglycaemia),
- Decreased blood potassium concentration (hypokalaemia),
- High concentration of acid substances in blood (Acidosis)

If it should be necessary to administer large volumes further contra-indications can arise on account of the glucose and/or fluid load:
- Hyperhydration,
- Simultaneous sodium and water deficiency (hypotonic dehydration).

Precautions for use
Patient monitoring should include regular checks of the blood glucose level, the water balance, serum electrolyte concentrations - in particular serum potassium -, and acid-base balance.
Glucose infusions should not be administered through the same infusion equipment, simultaneously with, before, or after administration of blood, because of the possibility of pseudo-agglutination.

Interactions
Because Glucose B. Braun 50 mg/ml Solution for Infusion has an acid pH, incompatibilities can occur on mixing with other medicaments.
Erythrocyte concentrates must not be suspended in Glucose B. Braun 50 mg/ml Solution for Infusion because this can lead to pseudo-agglutination.

Dosage
Choose a volume that yields the desired concentration of the medicament for which Glucose B. Braun 50 mg/ml Solution for Infusion is to be used as vehicle solution, taking also account of the maximum doses stated below.

Maximum daily dose
Up to 40 ml per kg body weight (BW) per day, corresponding to 2 g of glucose. The maximum dose corresponds to usual limitations of daily fluid intake.

Maximum infusion rate
Up to 5 ml per kg BW/hour, corresponding to 0.25 g of glucose/kg BW/hour. This is equivalent to a maximum drop rate of 1.7 drops/kg BW/minute.

Method of administration
Intravenous infusion. The solution can be administered peripherally; however, the possibility of peripheral administration can be limited by the nature or the concentration of the dissolved drug.

Overdose

Symptoms
Overdose may result in hyperhydration, electrolyte disorders, hyperglycaemia, glucosuria, and hyperosmolarity of the blood (up to hyperglycaemic hyperosmotic coma).

Emergency treatment, antidotes
Depending on type and severity of the disorders:
Cessation of infusion, administration of electrolytes, diuretics, or insulin.

Undesirable effects
None to be expected if the solution is used according to instructions.

Note:
Patients are advised to inform their doctor or pharmacist if they notice any adverse in connection with the administration of the product.

Expiry date
The product must not be used beyond the expiry date stated on the labelling.

Instructions for storage / use / handling
Only to be used if solution is clear and container undamaged.

Date of last revision: 06.2004

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Schwarz
148x210 mm
4/12226718/0408
Lätus: 2886