

Nutridex[®] 25

(Dextrose BP 25% w/v)

Intravenous Infusion BP

Description

Nutridex 25 is a clear, colorless sterile solution of Dextrose Monohydrate. Each 100ml of solution contains Dextrose Monohydrate equivalent to Dextrose Anhydrous BP 25g. Nutridex 25 provides a readily available source of energy. Dextrose is metabolized in the body to carbon di-oxide and water with the release of energy. It provides 850 cal/litre.

Uses

Nutridex 25 is administered as a parenteral nutrition solution in the treatment of carbohydrate depletion and hypoglycaemic coma. Because of its high dextrose content it is used in the treatment of cerebral edema, shock, circulatory collapse, unconsciousness and to correct hyperkalaemia with or without insulin.

Dosage and Administration

The volume and rate of infusion of dextrose solution will depend upon the requirements of the individual patient and the judgement of the physician. The maximum rate at which dextrose can be infused without producing glycosuria is 0.5 g/kg/hr. The usual recommended flow rate for adult is 10-35 drops per minute infused intravenously. It should not be administered by SC or IM route. Nutridex 25 should be infused through the largest available peripheral vein.

Precaution

Concentrated dextrose solution should not be infused rapidly or for a long period. It may be hazardous in patients with impaired hepatic or renal function and severe sepsis.

Warning

Infusion of fluid should be immediately discontinued if rigor arises for any reason during the process. Do not use if the solution is cloudy, contains particles or after expiry date.

Contraindications

Concentrated dextrose solution is contraindicated in patients with Glucose-Galactose Malabsorption Syndrome and severe hydration.

Adverse Effects

Intravenous infusion of concentrated dextrose solution may cause local vein irritation. Significant hyperglycaemia, hyperosmolar Syndrome and glycosuria may occur with too rapid administration.

Storage

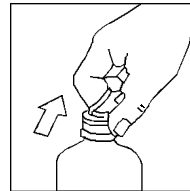
Nutridex 25 should be stored at controlled room temperature.

Packaging

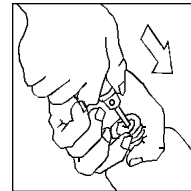
Nutridex 25 is available in 100 ml and 250 ml disposable polyethylene bottle containing 25% w/v of Dextrose.

Administration Procedure:

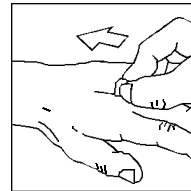
1. Check infusion set and infusion solution prior to use.
2. Pull moderately to tear off the protective cover of the Eurocap (*Picture-1*).
3. Hold lightly the Eurocap but not the bottle body (*Picture-2*).
4. Open the flow regulator fully and hold the giving set on the top white area, but not the memorane venting region (*Picture-2*).
5. Insert the spike of the administration set to the Eurocap and fit the connector of the administration set firmly to the needle (*Picture-2*).
6. Gradually allow the fluid to flow down to the needletip and close.
7. Remove the protective cover of the needle.
8. Locate the venpuncture site and clean the site with an antiseptic solution, and then insert the needle (*Picture-3*).
9. Securely tape the puncture site.
10. Securely tape the wings and tubing
11. Start infusion while adjusting drip speed.



Picture-1



Picture-2



Picture-3

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TONGI, BANGLADESH

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