

INFUSOL® D40
DEXTROSE 40% w/v INTRAVENOUS INFUSION BP

The solution contains

Dextrose Anhydrous BP	400 g/L
Osmolarity :	2220 mOsm/L
Caloric Value : Approx.	6700 kJ/L = 1600 kcal/L

The solution is a colourless or not more than faintly straw colored solution.

Glucose provides energy.
Glucose when given intravenously with water metabolises into glycogen leaving water to be absorbed to correct fluid imbalance.
Glucose increases the movements of electrolytes across the semi-permeable membrane.

Glucose is rapidly absorbed from the gastrointestinal tract. It is metabolised to carbon dioxide and water with the release of approx. 4 calories/gram of energy. It is readily metabolised. It may deaccelerate body protein and nitrogen losses, promote glycogen deposition and decrease/prevent ketosis in sufficient dose. As the product is administered through intravenous route it is 100 % bioavailable.

- Parenteral nutrition
- Hypoglycaemia
- High caloric carbohydrate therapy, especially when fluid intake is limited.

According to individual requirements:
Dextrose 40% : up to 17mL/kg of body weight per day.
up to 1.25mL/kg of body weight per hour.

Mean requirements/kg of body weight and per day.

1 st year of life	: 8 - 15g dextrose.
2 nd year of life	: 12 - 15g dextrose.
3 rd - 5 th year of life	: 12g dextrose.
6 th - 10 th year of life	: 10g dextrose.

Glucose solutions with a concentration greater than 5% are hypertonic and should be administered by slow intravenous infusion via a central vein.

Diabetes mellitus (with the exception of hypoglycaemic conditions).
Glucose intolerance, hypotonic dehydration if lacking electrolytes are not replaced.
Over hydration.
Hypokalaemia.
Hyperosmolar coma.
Acidosis.

Blood glucose, serum electrolytes and water balance should be monitored regularly. Electrolytes are to be supplemented as required. The compatibility of any additives to this solution should be checked before use. Dextrose solutions should not be administered through the same infusion set through which also blood has or may be given because of the risk of pseudoagglutination. Single dose container. Discard all unused contents. Do not use if leakage is detected. If any visible solid particles, growth or turbidity appears during storage, the product should not be used.

Dextrose Injection and particularly hypertonic Dextrose Injection may have low pH, and such solution when injected may irritate the venous intima near the site of the injection to cause thrombophlebitis. Hyperglycaemia and renal losses may occur in case of reduced glucose tolerance. These manifestations are normally prevented by reducing the dosage and/or giving insulin. Enhanced bilirubin and lactate levels may be found if the recommended dosage is exceeded.

Dextrose solutions I.V can cause fluid overload resulting in dilution of serum electrolyte concentrations, overhydration, congested states or pulmonary oedema.

Hyperglycaemia and glucosuria may be functions of rate of administration or metabolic insufficiency. To minimise these conditions, slow infusion rate, monitor blood and urine glucose; if necessary, stop administration of dextrose or/and administer insulin.

Storage condition: Do not store above 30°C.

3 years from manufacturing date in the proposed storage condition.
Do not use after expiry.

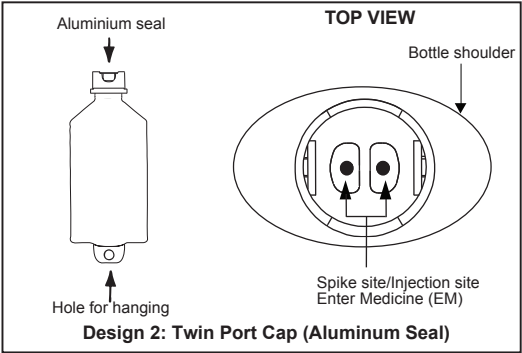
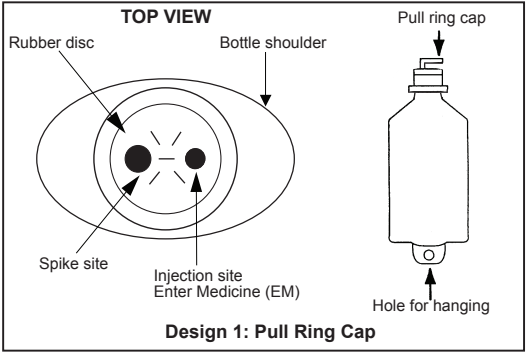
500mL x 20 LDPE plastic bottle per carton
500mL x 20 PVC Medical plastic collapsible bag per carton

AIN MEDICARE SDN.BHD.
Lot 4933, 4934 & PT2464, Jalan 6/44, Kaw. Perindustrian Pengkalan Chepa 2, 16100 Kota Bharu, Kelantan, MALAYSIA.

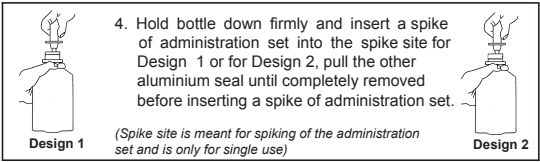
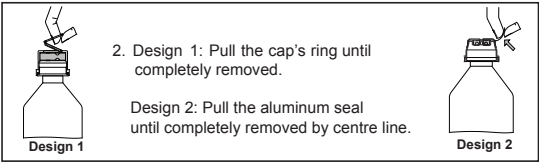
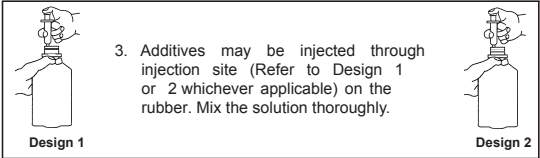
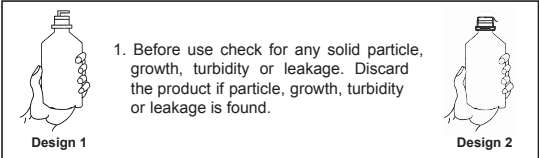
HANDLING INSTRUCTION

AIN MEDICARE INTRAVENOUS INFUSION FLUID IN LOW DENSITY POLYETHYLENE (LDPE) BOTTLE

The bottle is made from injectable grade polyethylene.
PARTS OF THE PLASTIC BOTTLE

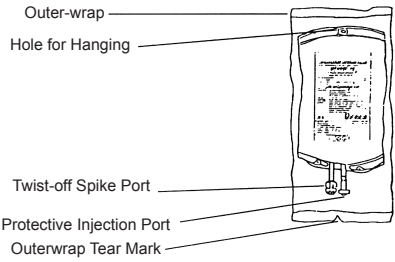


Top view after pull ring cap is removed. Please refer whichever applicable design.
INSTRUCTION FOR THE USAGE OF IV ADMINISTRATION SET & ADDITION OF DRUG



AIN MEDICARE INTRAVENOUS INFUSION FLUID IN PVC MEDICAL COLLAPSIBLE BAG

The Intravenous solution in medibag is packed and sterilized in an outerwrap.
PARTS OF THE COLLAPSIBLE BAG



INSTRUCTION FOR THE USAGE OF IV ADMINISTRATION SET & ADDITION OF DRUG

