

## 2-Deoxy-D-Glucose (2DG) Oral Powder

(For Restricted Emergency Use)

**Dose and Regimen: 2-DG: 45 mg/kg body weight AM + 45 mg/kg body weight PM, twice daily for not more than 10 days.**

Instructions for preparation of one dose (morning or evening) of 2-DG (Dose level - 90 mg/kg body weight/day, administered in two equally divided doses approximately 12 hours apart)

- 1.) 2-DG is supplied as powder filled in sachets. Each sachet contains 5.85 g of 2-DG pure powder (*that is sufficient to prepare a **single** dose [morning or evening] for patients with body weight upto and including 130 kg*).
- 2.) Measure and record the patient's body weight in kilograms (after removing footwear and jackets/ sweaters (if any) and emptying pockets)
- 3.) Within one (1) hour prior to the time of intended dose administration, completely dissolve the contents of one 2-DG sachet in 100 ml of potable water (*as measured out in a certified laboratory grade glass beaker/ measuring cylinder*).
- 4.) Use the below-mentioned formula to calculate the volume of 2-DG solution ( as prepared in step # 3.) to be administered to the patient, which constitutes one dose (morning or evening):
- 5.) **Volume of one dose of 2-DG =  $0.77 \times (\text{body weight of the patient [in kgs]}) \text{ mL}$**
- 6.) Measure out the dose volume (as calculated in step # 4) into a clean glass.
- 7.) Ask the patient to drink the entire volume of solution in the glass.
- 8.) Discard any remaining solution (after measuring out the unit dose volume for the patient) from the 100 ml prepared, by draining it down the sink.
- 9.)

**DO NOT USE the reconstituted dose solution for further dosing of the patient. Each dose of 2-DG should be prepared using a fresh 5.85 g sachet.**