Blood Glucose management of Inpatient’s with Diabetes using EXTRANEAL (icodextrine) peritoneal dialysis fluid

Baxter Warning
Baxter Healthcare Corporation recommend that patients who use this product AND test their blood glucose levels must be aware that this dialysis fluid can cause false high blood glucose. Hypoglycaemia can occur if the patient receives too much insulin.

Glucose dehydrogenase pyrroloquinolinequinone (GDH-PQQ) method of testing must NOT BE USED, therefore Accu-Chek Advantage (Roche) is not recommended. (Disse & Thivolet 2004; Hoftman 2005; Wens et al. 1998).

For inpatient’s using Extraneal (icodextrine): Recommended Blood Glucose Meter at St George Hospital

The Accu-Chek Performa meter is being implemented into wards in 2010 with the exception of Women and Children Division and ED.

The new Performa strips available for hospital use does not have interference with maltose that the old Accu-Chek Advantage strips had. Inpatients with CAPD using icodextran will be able to have BGLs tested with the Performa meter instead of the Optium Xceed.

However, access to the new Performa strip is limited in the community for the moment so patients using icodextran solution who need to check BGLs will need to continue be taught how to use an Optium Xceed meter for use in the community.

The old Accu-Chek Performa strip still available in the community does have interference to maltose.

Note: Please notify the diabetes educator/centre when an icodextrine patient is admitted or transferred to other wards/departments.

References


Renal Department, 2009