

## Country-Specific Glucose Monitor List

**Country Name:** USA

### **Important Information**

This list is compiled from a search via: Internet, literature, Baxter internal studies, information from government agencies, test strip leaflets, safety alerts, and direct information from the product manufacturers. While efforts have been made to provide accurate and current information, Baxter does not manufacture these glucose monitor or test strips and does not guarantee the initial or continued accuracy of this information. Please contact the manufacturer(s) of the glucose monitor and test strip to obtain the latest compatibility information before using in conjunction with EXTRANEAL (Icodextrin) peritoneal dialysis (PD) solution.

1. EXTRANEAL (Icodextrin) PD solution contains icodextrin. Maltose, a metabolite of icodextrin, may interfere with certain glucose monitors or test strips. This interference will result in a falsely elevated glucose reading using these monitors or test strips.
2. This interference may mask true hypoglycemia or lead to the erroneous diagnosis of hyperglycemia. Thus, a blood glucose reading within or above the normal range in a patient on EXTRANEAL (Icodextrin) PD solution, using these monitors or test strips, may mask true low blood sugar. This would cause a patient or health care professional to not take the appropriate steps to bring the blood sugar into a normal range. Or, a falsely-elevated blood glucose reading could cause a patient to get more insulin than needed. Both of these situations can lead to life-threatening events, including loss of consciousness, coma, neurological damage or death.
3. The dialysis unit or patient should contact the manufacturer(s) of the glucose monitor and/or test strips to determine if the monitor or test strips they are using are subject to interference by icodextrin or maltose, or if they measure only glucose. Also, consult the product information included with the glucose monitor and test strips.
  - The following list is for reference only. This list does not imply recommendation of these glucose monitors or test strips.
  - Identified compatibilities are shown in the table below. **ONLY glucose-specific monitors and test strips should be used with patients on EXTRANEAL (Icodextrin) PD solution.** Test strips are listed with their companion monitor - if you use other strips, contact the manufacturer to verify that they are glucose-specific. The list provides the contact information of the more common, major brands of monitors/test strip manufacturers.
  - This is a non-comprehensive list, current as of August 2011. Absence of your specific glucose monitor or test strips from this list does **NOT** imply compatibility with EXTRANEAL (Icodextrin) PD solution. Always contact the manufacturer for current information. Baxter has no obligation to update the content of this list.

## GLUCOSE MONITORS

Updated August 2011

Glucose Monitor Brand	Compatible with Extraneal (Icodextrin) PD solution (Glucose-specific)	Test Type*	Manufacturer
Boots	Yes	GDH-NAD	Abbott Diabetes Care <a href="http://www.abbottdiabetescare.com">www.abbottdiabetescare.com</a> Phone: 888-522-5226
Omron HEA-214	Yes	GDH-NAD	
Optium	Yes	GDH-NAD	
Optium Easy	Yes	GDH-NAD	
OptiumEZ	Yes	GDH-NAD	
Optium Xceed	Yes	GDH-NAD	
Optium Xido	Yes	GDH-NAD	
Precision PCx	Yes <sup>1</sup>	GDH-NAD, GO <sup>1</sup>	
Precision QID <sup>B</sup>	Yes	GO	
Precision Xceed	Yes	GDH-NAD	
Precision Xceed Pro	Yes	GDH-NAD	
Precision Xtra	Yes	GDH-NAD	





<sup>1</sup> Two types of **compatible** test strips for Precision PCx and Precision Xtra OK.

<sup>2</sup> These brand name monitors can utilize either GDH-PQQ (**incompatible**) or GDH-FAD (**compatible**) strips. Consult manufacturer for additional information.

<sup>3</sup> This Arkray GDH-FAD monitor/test strip is **incompatible**. Consult manufacturer for additional information.

<sup>4</sup> These brand name monitors can utilize either GDH-PQQ (**incompatible**) or **Mut Q-GDH (compatible)** strips. Consult manufacturer for additional information.

#### **Test Type\***

**GO** = glucose oxidase

**GDH-PQQ** = glucose dehydrogenase with pyrroloquinolinequinone (note: **GDO**, glucose-dye-oxidoreductase, is an **incompatible** PQQ-based method)

**GDH-NAD** = glucose dehydrogenase with nicotinamide-adenine dinucleotide

**GDH-FAD** = glucose dehydrogenase with flavin-adenine dinucleotide

**Mut Q-GDH** = glucose dehydrogenase with pyrroloquinolinequinone modified to eliminate maltose interference

#### **References:**

<sup>A</sup> Baxter study 32386 (McGaw Park) Determination of potential interference of icodextrin and its metabolites on human blood glucose measurement using Accu-Chek compact and Advantage systems.

<sup>B</sup> Baxter report REP-NIV-RE-366 (Nivelles) Evaluation of potential interference in blood glucose determination (measured with enzymatic methods) for patients treated with icodextrin.

<sup>C</sup> Baxter report RD-01-RE-233 (McGaw Park) Evaluation of potential interference in the blood glucose test kit MediSense Sof-Tact with icodextrin and its metabolites.

<sup>D</sup> Baxter report Interim 3, 33541 (McGaw Park) Determination of potential interference of icodextrin and its metabolites on human blood glucose measurement using chosen glucometer-Glucocard X-Meter (Arkray).

<sup>E</sup> Baxter report Interim 1, 33541 (McGaw Park) Determination of potential interference of icodextrin and its metabolites on human blood glucose measurement using chosen glucometers.

Please see full prescribing information for EXTRANEAL (icodextrin) PD solution.

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