

IMPORTANT PRESCRIBING INFORMATION

DATE: October 22, 2024

Subject: Temporary importation of DIANEAL PD-4 Low Calcium Peritoneal Dialysis Solutions with Dextrose 1.5%, 2.5%, and 4.25% (2000 mL) from Thailand for use in Continuous Ambulatory Peritoneal Dialysis to address drug shortages

Dear Healthcare Professional,

Due to a potential shortage of DIANEAL PD-2 and DIANEAL Low Calcium (2.5 mEq/L) Peritoneal Dialysis Solution in the United States (US) market, Baxter Healthcare Corporation (Baxter) is coordinating with the U.S. Food and Drug Administration (FDA) to temporarily import DIANEAL PD-4 Low Calcium Peritoneal Dialysis Solution (2000 mL) from Baxter's manufacturing facility in Amata, Thailand. FDA has not approved these products manufactured by Baxter's Amata, Thailand facility.

You may be provided with additional letters for other DIANEAL imported peritoneal dialysis solutions you receive. Please read each letter in its entirety because each letter may contain different, product-specific information.

Baxter has initiated temporary importation of DIANEAL PD-4 Low Calcium Peritoneal Dialysis solution for use in Continuous Ambulatory Peritoneal Dialysis (CAPD) therapy as described in the table below. This product is manufactured by Baxter's manufacturing facility in Amata, Thailand and is marketed in Thailand and India. At this time, importation or distribution of DIANEAL PD-4 Low Calcium Peritoneal Dialysis solution in the United States. by any entity other than Baxter or its authorized distributor(s) is considered a violation of the Federal Food, Drug, and Cosmetic Act and is subject to enforcement by the FDA.

Effective immediately, and during this temporary period, Baxter will offer the following imported products from Baxter's facility in Amata, Thailand:

Thailand Imported Product Name and Description	CAPD Fill Volume	Product Code	Bags per Carton	NDC Code
DIANEAL PD-4 Low Calcium with 1.5% Dextrose	2000 mL	THB9766	6 bags	0941-0711-01 (bag) 0941-0711-06 (carton)
DIANEAL PD-4 Low Calcium with 2.5% Dextrose	2000 mL	THB9776	6 bags	0941-0713-01 (bag) 0941-0713-06 (carton)
DIANEAL PD-4 Low Calcium with 4.25 % Dextrose	2000 mL	THB9796IP	6 bags	0941-0715-01 (bag) 0941-0715-06 (carton)

It is important to note the following:

• DIANEAL PD-4 Low Calcium Peritoneal Dialysis Solution contains 1.25 mmol/L (2.5 mEq/L) of calcium compared to DIANEAL PD-2 Peritoneal Dialysis Solution with Dextrose which contains 1.75 mmol/L (3.5 mEq/L) of calcium. Patients receiving Thailand-imported DIANEAL solution should have their serum calcium levels monitored for the development of hypocalcemia.



- There are no other clinically relevant differences in the DIANEAL drug composition between the USmanufactured and Thailand-manufactured product (see Table 1, below). As such, clinical practice for usage, administration, and dosage for the Thailand imported products is the same as with the DIANEAL PD-2 and DIANEAL Low Calcium (2.5 mEq/L) Peritoneal Dialysis Solution with Dextrose manufactured in US. Please refer to the FDA-approved DIANEAL Peritoneal Dialysis Solution with Dextrose Full Prescribing Information for reference.
- The DIANEAL PD-4 Low Calcium Peritoneal Dialysis Solution with Dextrose imported from Thailand will only be available in 2000 mL fill volume for CAPD so there will be a need to adapt the PD prescription for some patients.
- The Luer-lock connector on the Thailand imported product functions the same as and is fully compatible with peritoneal dialysis sets marketed in the United States. The Thailand imported product has a single green frangible near the Y connector which is broken at the same time during flush phase as the corresponding blue frangible in US product. There is an online clamp on the drain line in Thailand-imported product, so patients only need to use one external clamp on the infusion line compared to two external clamps for US product. See Table 1 for more details of product differences.
- The Thailand imported product include barcodes on the shipping carton; however, the **barcodes may not** register accurately in the US scanning systems. There are no barcodes on the solution containers of the imported product. Alternative procedures should be followed to assure that the correct drug product is being used and administered to individual patients. For example, institutions should consider manually inputting the product into their systems and confirm that barcode systems do not provide incorrect information when the product is scanned.
- DIANEAL Low Calcium Peritoneal Dialysis Solutions are available only by prescription in the U.S. However, the imported products do not have the statement "Rx only" on the labeling. The shipping carton labels include both English and Thai language.

Before prescribing, healthcare providers should be aware of some key differences in the container packaging and labeling between the Thailand imported product and FDA approved product which are stated in the product comparison tables at the end of this letter as follows:

- Table 1: Key differences of DIANEAL Peritoneal Dialysis Solution for CAPD therapy
- Table 2: Label images of DIANEAL 2000 mL CAPD product presentations

Reporting Adverse Events

To report adverse events associated with these imported products, please call Baxter at 1-866-888-2472, or fax: 1-800-759-1801. Adverse events or quality problems experienced with the use of these imported products may also be reported to the FDA's MedWatch Adverse Event Reporting program either online, by regular mail or by fax:

- Complete and submit the report **Online**: www.fda.gov/medwatch/report.htm
- **Regular mail or Fax**: Download form www.fda.gov/MedWatch/getforms.htm or call 1-800-332-1088 to request a reporting form, then complete and return to the address on the pre-addressed form, or submit by fax to 1-800-FDA-0178 (1-800-332-0178)



To report product quality issues, please report to: <u>Baxter - Product Feedback Portal (https://productfeedback.baxter.com/)</u>

Please refer to the FDA approved <u>full prescribing information</u> for DIANEAL Peritoneal Dialysis Solution.

If you have any questions about the information contained in this letter or the use of imported DIANEAL Low Calcium Peritoneal Dialysis Solution, please contact Baxter's Medical Information Service at 1-888-736-2543.

To place an order, please contact Baxter's Center for Home Care Services by calling 1-800-284-4060.

Sincerely,

Electronically signed by: Geovana Basso Geovana Basso Neason: Ok. Date: Oct 22, 2024 09:28 CDT

Geovana Basso, M.D. Director of Americas Medical Affairs Baxter Healthcare Corporation One Baxter Parkway Deerfield, Illinois 60015

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Attachments:

Product Comparison Tables 1 and 2



Table 1. Key differences of DIANEAL Peritoneal Dialysis Solution for CAPD therapy

	Thailand Imported Product DIANEAL PD-4 Low Calcium	US FDA-Approved Product DIANEAL Low Calcium	US FDA-Approved Product DIANEAL PD-2
Product name	DIANEAL PD-4 Low Calcium with 1.5% Dextrose DIANEAL PD-4 Low Calcium with 2.5% Dextrose DIANEAL PD-4 Low Calcium with 4.25% Dextrose	DIANEAL Low Calcium (2.5 mEq/L) Peritoneal Dialysis Solution with 1.5 % Dextrose DIANEAL Low Calcium (2.5 mEq/L) Peritoneal Dialysis Solution with 2.5% Dextrose DIANEAL Low Calcium (2.5 mEq/L) Peritoneal Dialysis Solution with 4.25% Dextrose	DIANEAL PD-2 Peritoneal Dialysis Solution with 1.5% Dextrose DIANEAL PD-2 Peritoneal Dialysis Solution with 2.5% Dextrose DIANEAL PD-2 Peritoneal Dialysis Solution with 4.25% Dextrose
Labeled Fill Volume	2000 mL	1500 mL 2000 mL 2500 mL 3000 mL	2000 mL 2500 mL 3000 mL
Container Type	TwinBag containers (PVC)	UltraBag Container (PVC)	UltraBag Container (PVC)
Bags per carton	6	1500 mL: 8 2000 mL: 6 2500 mL: 5 3000 mL: 4	2000 mL: 6 2500 mL: 5 3000 mL: 4
Indications	 1.5% and 2.5% Dextrose: Dianeal PD-4 Peritoneal dialysis solutions is indicated for use in chronic renal failure patients being maintained on peritoneal dialysis when nondialytic medical therapy is judged to be inadequate 4.25% Dextrose: Dianeal Peritoneal dialysis solutions in TwinBag containers are indicated for use in chronic renal failure patients being maintained on continuous ambulatory peritoneal dialysis when nondialytic medical therapy is judged to 	DIANEAL peritoneal dialysis solutions are indicated for patients in acute or chronic renal failure.	DIANEAL peritoneal dialysis solutions are indicated for patients in acute or chronic renal failure.
Active Ingredients -Dextrose	be inadequate. 1.5% Dextrose: Dextrose Hydrous, USP 1.5 g / 100 mL 2.5% Dextrose: Dextrose Hydrous, USP 2.5 g / 100 mL 4.25% Dextrose: Dextrose Hydrous 4.25 g / 100 mL	 1.5% Dextrose: Dextrose Hydrous, USP 1.5 g / 100 mL 2.5% Dextrose: Dextrose Hydrous, USP 2.5 g / 100 mL 4.25% Dextrose: Dextrose Hydrous, USP 4.25 g / 100 mL 	 1.5% Dextrose: Dextrose Hydrous, USP 1.5 g / 100 mL 2.5% Dextrose: Dextrose Hydrous, USP 2.5 g / 100 mL 4.25% Dextrose: Dextrose Hydrous, USP 4.25 g / 100 mL
Active Ingredient - Electrolytes	Sodium Chloride, USP 538 mg / 100 mL Sodium Lactate 448 mg / 100 mL Calcium Chloride, USP 18.3 mg / 100 mL Magnesium Chloride, USP 5.08 mg / 100 mL	Sodium Chloride, USP 538 mg / 100mL Sodium Lactate 448 mg / 100 mL Calcium Chloride, USP 18.3 mg / 100 mL Magnesium Chloride, USP 5.08 mg / 100 mL	Sodium Chloride, USP 538 mg / 100mL Sodium Lactate 448 mg / 100 mL Calcium Chloride, USP 25.7 mg / 100 mL Magnesium Chloride, USP 5.08 mg / 100 mL
Electrolyte Content per Liter	Sodium 132 mEq/L Calcium 2.5 mEq/L Magnesium 0.5 mEq/L Chloride 95 mEq/L Lactate 40 mEq/L	Sodium 132 mEq/L Calcium 2.5 mEq/L Magnesium 0.5 mEq/L Chloride 95 mEq/L Lactate 40 mEq/L	Sodium 132 mEq/L Calcium 3.5 mEq/L Magnesium 0.5 mEq/L Chloride 96 mEq/L Lactate 40 mEq/L



	Thailand Imported Product	US FDA-Approved Product	US FDA-Approved Product
	DIANEAL PD-4 Low Calcium	DIANEAL Low Calcium	DIANEAL PD-2
рН	 1.5% Dextrose & 2.5% Dextrose: 5.2 (4.0 to 6.5) 4.25% Dextrose 5.2 (4.5 to 6.5) 	5.2 (4.0 to 6.5)	5.2 (4.0 to 6.5)
Additional Information	 1.5% Dextrose: Osmolarity 344 mOsmol/L (Calc) 2.5% Dextrose: Osmolarity 395 mOsmol/L (Calc) 4.25% Dextrose Osmolarity 483 mOsmol/L (Calc) 	 1.5% Dextrose: Osmolarity 344 mOsmol/L (Calc) 2.5% Dextrose: Osmolarity 395 mOsmol/L (Calc) 4.25% Dextrose Osmolarity 483 mOsmol/L (Calc) 	 1.5% Dextrose: Osmolarity 346 mOsmol/L (Calc) 2.5% Dextrose: Osmolarity 396 mOsmol/L (Calc) 4.25% Dextrose: Osmolarity 485 mOsmol/L (Calc)
Storage Conditions	Store below 30°C	Store at room temperature (25°C/77°F) Brief exposure up to 40°C does not adversely affect the product.	Store at room temperature (25°C/77°F) Brief exposure up to 40°C does not adversely affect the product.
Expiration Dating	24 months	18 months	18 months
Container Closure System			
Container Closure Differences	 Only one green frangible near the Y connector broken before FLUSH. There is one in-line clamp on the drain line. One other external clamp will be needed. Solution line contains fluid. Pull ring cap is color-coded to solution dextrose concentration: Yellow = 1.5% dextrose Green = 2.5% dextrose Red = 4.25% dextrose 	 Two frangibles – one blue in "Y"- junction and one green at the sterile solution bag Two external clamps are needed. Solution line does not contain fluid. Pull ring cap is color-coded to solution dextrose concentration: Yellow = 1.5% dextrose Green = 2.5% dextrose Red = 4.25% dextrose 	 Two frangibles – one blue in "Y"-junction and one green at the sterile solution bag Two external clamps are needed Solution line does not contain fluid Pull ring cap is color-coded to solution dextrose concentration: Yellow = 1.5% dextrose Green = 2.5% dextrose Red = 4.25% dextrose



Table 2. Comparison of DIANEAL PD Solution Container Labels for CAPD

Comparative container labels are presented below for the 2000 mL fill volume that is proposed for import. Labels for the U.S. FDA-approved 1500 mL, 2500 mL, and 3000 mL solution fill volume differ only by product code / NDC / Fill Volume / Barcode. There are no differences in composition, except for minor variations to active pharmaceutical ingredient quantities (excluding dextrose), or other safety-related information.

Thailand Imported Product DIANEAL PD-4 Low Calcium 2,000 mL	US FDA-Approved Product DIANEAL Low Calcium PD Solution	US FDA-Approved Product DIANEAL PD-2 PD Solution	
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