GLUCOSE- dextrose anhydrous injection, solution Baxter Healthcare Corporation

Disclaimer: This drug has not been found by FDA to be safe and effective, and this labeling has not been approved by FDA. For further information about unapproved drugs, click here.

10% GLUCOSE INJECTION

HEALTH CARE PROFESSIONAL LETTER



Important Prescribing Information

November 21, 2024

Subject: Temporary importation of 0.9% Sodium Chloride Injection, 5% and 10% Glucose Injection, and 5% Glucose/0.9% Sodium Chloride Injection from Shanghai, China, labeled in English to address drug shortages

Dear Healthcare Professional,

To prevent a drug shortage of large volume parenteral fluid drug products, Baxter Healthcare Corporation (Baxter) is coordinating with the U.S. Food and Drug Administration (FDA) to temporarily import 0.9% Sodium Chloride Injection (250 mL and 1,000 mL), 5% Glucose Injection (250 mL and 1,000 mL), 10% Glucose Injection (250 mL), and 5% Glucose/0.9% Sodium Chloride Injection (1,000 mL) from Baxter's manufacturing facility in Shanghai, China. FDA has not approved these products manufactured by Baxter's Shanghai facility.

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

At this time, no other entity except Baxter is authorized by the FDA to import or distribute these products in the United States.

Effective immediately, and during this temporary period, Baxter will offer the following imported products:

Product name and description	Size	Product code	Bags per carton	NDC code of a single bag
	250 mL	A6C1322US	40	0338-9791-01
0.9% Sodium Chloride Injection	500 mL	A6C1323US	24	0338-9808-01
	1,000 mL	A6C1324US	12	0338-9793-01
5% Glucose Injection	250 mL	A6C0062US	40	0338-9795-01
	1,000 mL	A6C0064US	12	0338-9801-01
10% Glucose Injection	250 mL	A6C0162US	40	0338-9797-01
5% Glucose/0.9% Sodium Chloride Injection	1,000 mL	A6C1064US	12	0338-9799-01

It is important to note the following:

After opening the carton or box, the bags should be inspected visually to confirm there is no visible particulate
matter or bag defects, such as leaks. Container integrity is imperative to ensure sterility of products listed in the
table above. Parenteral drug products should be inspected visually for particulate matter and bag defects prior to
administration, whenever solution or container permits.

USE A NEW BAG IF PARTICULATES ARE VISIBLE OR IF THE IV BAG CONTAINS A LEAK.

SI-ITT-SI-DHCP-202410-01, Rev 02

Page 1 of 11

- The imported products' administration port system is fully compatible with Baxter sets marketed in the United
- The products listed in the table above contain black barcodes (versus the white barcode on the approved product) and the barcode has been placed in a different position. The barcode on the imported product is encoded with the National Drug Code (NDC) that is specific to the imported product. However, the barcodes may not register accurately in the U.S. scanning systems. Institutions should manually input the product into their systems to ensure that barcode systems do not provide incorrect information when the product is scanned. Alternative procedures should be followed to ensure that the correct drug product is being used in all systems and processes and administered to individual patients.
- CORRECTION: The 250 mL product is NOT compatible for admixing with Baxter's Vial Mate adapter because
 the Vial-Mate adapter can introduce particles into the admixture.
- The imported product uses a carton box that is taped closed. To avoid damage to the solution container, take
 care not to use sharp instruments to open the carton.
- Dextrose, USP is a hydrated form of glucose. The imported glucose product is an anhydrous form of glucose.
 Therefore on an energy content per mL basis,
 - 5% Glucose/0.9% Sodium Chloride Injection (0.20 kcal/mL) is <u>NOT</u> equivalent to 5% Dextrose and 0.9% Sodium Chloride Injection USP (0.17 kcal/mL),
 - o 5% Glucose Injection (0.20 kcal/mL) is NOT equivalent to 5% Dextrose Injection USP (0.17 kcal/mL),
 - 10% Glucose Injection (0.40 kcal/mL) is NOT equivalent to 10% Dextrose Injection USP (0.34 kcal/mL).
- The imported glucose containing products are <u>NOT</u> directly interchangeable with dextrose containing injections USP. Protocols, order entry, and compounding systems will need to be adjusted.
- 0.9% Sodium Chloride Injection USP, 5% Dextrose Injection USP, 10% Dextrose Injection USP, and 5%
 Dextrose/0.9% Sodium Chloride Injection USP are available only by prescription in the U.S. However, the
 imported products do not have the statement "Rx only" on the labeling.

Additional key differences in the labeling between the FDA-approved products and the imported products are stated in the product comparison tables at the end of this letter as follows:

- Table 1 Key differences between FDA-approved and imported 0.9% Sodium Chloride Injection USP
- Table 2 Label images of FDA-approved and imported 0.9% Sodium Chloride Injection USP
- Table 3 Key differences between FDA-approved 5% Dextrose Injection USP and imported 5% Glucose Injection
- Table 4 Label images of FDA-approved 5% Dextrose Injection USP and imported 5% Glucose Injection
- Table 5 Key differences between FDA-approved 5% Dextrose Injection USP and imported 5% Glucose Injection
- Table 6 Label images of FDA-approved 10% Dextrose Injection USP and imported 10% Glucose Injection
- Table 7 Key differences between FDA-approved 5% Dextrose/0.9% Sodium Chloride Injection USP and imported 5% Glucose/0.9% Sodium Chloride Injection

SI-ITT-SI-DHCP-202410-01, Rev 02

Table 8 Label images of FDA-approved 5% Dextrose/0.9% Sodium Chloride Injection USP and imported 5% Glucose/0.9% Sodium Chloride Injection

Reporting Adverse Events or Product Quality Issues

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.

To report product quality issues associated with these imported products, please contact Baxter Product Surveillance through Baxter - Product Feedback Portal (https://productfeedback.baxter.com/).

Please also refer to the local prescribing information of the imported product, translated into English, available for:

- 0.9% Sodium Chloride Injection (click here)
- 5% Glucose Injection (click here)
- 10% Glucose Injection (click <u>here</u>)
- 5% Glucose/0.9% Sodium Chloride Injection (click here)

Please refer to the FDA-approved prescribing information for each drug product listed below:

- 0.9% Sodium Chloride Injection USP (click here)
- 5% Dextrose Injection USP (click here)
- 10% Dextrose Injection USP (click here)
- 5% Dextrose/0.9% Sodium Chloride Injection USP (click here)

If you have any questions about the information contained in this letter or the use of the imported products, please contact Baxter's Medical Information Service at 1-800-933-0303.

To place an order, please contact Baxter's Center for Service at 1-888-229-0001.

Sincerely,

Electronically signed by: Maria Soriano Soriano I approve this document Date: Nov 21, 2024 14:31 EST

Cecilia Soriano

President, Infusion Therapies & Technologies Baxter Healthcare Corporation

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SI-ITT-SI-DHCP-202410-01, Rev 02

Page 3 of 11

Reporting Adverse Events or Product Quality Issues

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.

To report **product quality issues** associated with these imported products, please contact Baxter Product Surveillance through Baxter - Product Feedback Portal (https://productfeedback.baxter.com/).

Please also refer to the local prescribing information of the imported product, translated into English, available for:

- 0.9% Sodium Chloride Injection (click https://nctr-crs.fda.gov/fdalabel/ui/spl-summaries/criteria/723233)
- 5% Glucose Injection (click https://nctr-crs.fda.gov/fdalabel/ui/spl-summaries/criteria/723235)
- 10% Glucose Injection (click https://nctr-crs.fda.gov/fdalabel/ui/spl-summaries/criteria/723237)
- 5% Glucose/0.9% Sodium Chloride Injection (click https://nctr-crs.fda.gov/fdalabel/ui/spl-summaries/criteria/723238)

Please refer to the FDA-approved prescribing information for each drug product listed below:

• 0.9% Sodium Chloride Injection USP (click

https://www.dailymed.nlm.nih.gov/dailymed/getFile.cfm?setid=f55bd888-5e01-474d-871b-24654c070178&type=pdf&name=f55bd888-5e01-474d-871b-24654c070178)

• 5% Dextrose Injection USP (click

https://www.dailymed.nlm.nih.gov/dailymed/getFile.cfm?setid=3bb406a9-f5cb-403a-b1bb-5c4facbea3d5&type=pdf&name=3bb406a9-f5cb-403a-b1bb-5c4facbea3d5)

• 10% Dextrose Injection USP (click

https://www.dailymed.nlm.nih.gov/dailymed/getFile.cfm?setid=3bb406a9-f5cb-403a-b1bb-5c4facbea3d5&type=pdf&name=3bb406a9-f5cb-403a-b1bb-5c4facbea3d5)

• 5% Dextrose/0.9% Sodium Chloride Injection USP (click

https://www.accessdata.fda.gov/drugsatfda_docs/label/2019/016678s007,016683s103,016687s104,016689s107,016697s098lbl.pdf)

Product Comparison Tables

Table 1 Key differences between FDA-approved and imported 0.9% Sodium Chloride Injection USP

	FDA-approved product	Imported product from Shanghai, China
Product name	0.9% Sodium Chloride Injection USP	0.9% Sodium Chloride Injection
Label volume	100 mL; 150 mL; 250 mL; 500 mL; 1000 mL	250 mL; 500 mL; 1000 mL
Language of the Labels	English	English
Indications	Sodium Chloride Injection, USP is indicated as a source of water and electrolytes. 0.9% Sodium Chloride Injection, USP is also indicated for use as a priming solution in hemodialysis procedures.	Sodium Chloride Injection is indicated as a source of water and electrolytes.
Active ingredients	Each 100 mL contains 900 mg Sodium Chloride, USP	Each 100 mL contains 900 mg Sodium Chloride
Additional information	pH is 5.0 (4.5 to 7.0) Osmolarity 308 mOsm/L (calc)	pH is 5.0 (4.5 to 7.0) Osmolarity 308 mOsm/L (calc)
Storage conditions	Store at room temperature 25°C/77°F.	Store at room temperature 15°C/59°F. to 30°C/86°F.
Container type	VIAFLEX (PVC)	IVINA (non-PVC)
Medication and Administration port closures	Contains medication port and administration port; Pull off port protector (blue color), right side	Contains medication port and administration port; Twist off port protector (white color), left side

SHTT-SI-DHCP-202410-01, Rev 02 Page 4 of 11

Table 2 Label images of FDA-approved and imported 0.9% Sodium Chloride Injection USP

FDA-approved product		Imported product from Shanghai, China		
0.9% Sodium Chloride Injection USP		0.9% Sodium Chloride Injection		
Label Color: Black. Barcode not shown. 1000 mL shown as representative label.		Label Color: Black. 1000 mL shown as representative label. Imported product conta NDC number, which is not yet shown below. Barcode location is and will contain a linear barcode with human readable inform		
	ī	100	Baxter® A6C1324US	
0.9% Sodium	<u>2</u>	200	SODIUM CHLORIDE INJECTION	
Chloride Injection USP	3	300	1000ml 0.9%	
1000 mL	4	400	Sodium	
Each 100 mL contrain 900 mg Sonsus Clauseus USP pH 5,0 (4.5 to 7.0 mEg). Soous 154 Channes 154 Observantry SSB mObernell (excl.) Stream. Movembellance Shakes derit contraine photosocial photosocial contrained photosocial photosocial photosocial photosocial photosocial photosocial parameter formation. When introduced photosocial parameter formation. Me introduced photosocial parameter formation. Me introduced photosocial parameter formation. Me introduced photosocial parameter formation. Me introduced photosocial produced photosocial photosocial photosocial produced photosocial photosocial photosocial produced photosocial photosocial produced photosocial photosocial produced photosocial photosocial produced photosocial produced produced photosocial produced photo	- 5	500	[Strength] 1000mt: 9g Description! This product is a clear, coloriess liquid Diseage and Administration Intravenous dry. See the package Description of the Colories of the C	
STORE DOSAGE INTRAVENDUSLY AS DIRECTED BY A PHYSICIAN SEE DIRECTIONS CAUTICHS SOCIETIES AND INSPICT INNER BASI BRICH MARKETARS PRODUCT STRENUT! DISCARD OF LAKER ARE FOUNDE MARKET NOT BE USED IN SERIES CONNECTIONS. DO NOT USE VALEDS SOLUTION IN CLEAR PK ONLY. STORE UNIT IN MOSTURE IMPRIESS.	6	600	package insert (Storage) Store in overwrap The solution should be clear and should be used up at one time	
OVERWINAP AT ROOM TEMPERATURE (25°C/77°F) UNTE. READY TO USE. AVOID EXCESSIVE HEAT. SEE INSERT	7	700	Inspect the inner bag by squeezing it and discard solution if leakage occurs License Number: H19983149	
VIAFLEX CONTAINER PL 146 ARE TRACEMANG OF BAXTER INTERNATIONAL INC.			[Drug Marketing Authorization Holder] [Manufacturer] Name: Baxter Healthcare (Shanghai) Co., Ltd. Address: No. 388, Tingzhu Road, Jinshan District, Shanghai	
FOR PRODUCT NFORMATION 1-800-933-0303 Вахter	8	800	GTIN Barcode Area	
BAXTER HEALTHCARE CORPORATION DEEPWELD IL 60015 USA		900	LOT	
Made in USA	9		MFG EXP	

SHITT-SI-DHCP-202410-01, Rev 02 Page 5 of 11

Table 3 Key differences between FDA-approved 5% Dextrose Injection USP and imported 5% Glucose Injection

	FDA-approved product	Imported product from Shanghai, China
Product name	5% Dextrose Injection USP	5% Glucose Injection
Label volume	250 mL, 1000 mL	250 mL, 1000 mL
Language of the Labels	English	English
Indications	Dextrose Injection, USP is indicated as a source of water and calories.	Glucose Injection is indicated as a source of water and calories.
Active ingredients	Each 100 mL contains 5 g Dextrose Hydrous USP	Each 100 mL contains 5 g Anhydrous Glucose
Additional information	pH 4.0 (3.2 to 6.5) Osmolarity 252 mOsmol/L (calc)	4.0 (3.2 to 6.5) Osmolarity 278 mOsmol/L (calc)
Caloric content	170 kcal/L	200 kcal/L
Storage conditions	Store at room temperature 25°C/77°F.	Store at room temperature 15°C/59°F. to 30°C/86°F.
Container type	VIAFLEX (PVC)	IVINA (non-PVC)
Medication and Administration port closures	Contains medication port and administration port; Pull off port protector (blue color), right side	Contains medication port and administration port; Twist off port protector (white color), left side

SI-ITT-SI-DHCP-202410-01, Rev 02 Page 6 of 11

Table 4 Label images of FDA-approved 5% Dextrose Injection USP and imported 5% Glucose Injection

FDA-approved product	Imported product from Shanghai, China		
5% Dextrose Injection USP	5% Glucose Injection		
Label Color: Black. Barcode not shown. 1000 mL shown as representative label.	Label Color: Black. 1000 mL shown as representative label. Imported product contains th NDC number, which is not yet shown below. Barcode location is shown and will contain a linear barcode with human readable information.		
⊙ ⊙ 280064 NDC 0338-0017-04	100 Baxter® A6C0064US		
5% Dextrose 2	200 GLUCOSE INJECTION		
Injection USP 3	300 5%		
1000 mL EACH 100 mL CONTAINS 5 g DEXTROSE HYDROUS USP pH 4.0 (3.2 to 6.5) Osmouarity 252	400 1000ml GLUCOSE		
mOsmoUL (cale) Sterie Non-yrocating Single dose container Additives may se incompatible Consult with pharmagist if available When introducing additives use assprict reconduct Mix tradroudity. Do not	Steemath 100mc 50g [Description] This product is a clear, colorless or almost contress liquid contress liquid products and the state of the state o		
STORE DOSAGE INTRAVENOUSLY AS DIRECTED BY A PHYSICIAN SEE DIRECTIONS CAUTIONS SQUEEZE AND INSPECT INNER BAG WHICH AINTRAINS PRODUCT STERILITY DISCARD IF LEAKS ARE FOLAD MUST	For details of Indications, [Adverse Reactions], [Contraindcations, and Pirecautions], slease refer to the package issuer [Strage] Store in overwrap		
NOT BE USED IN SERIES CONNECTIONS DO NOT ADMINISTER SIMULTANEOUSLY WITH BLOOD DO NOT USE UNLESS SOLUTION IS CLEAR RX ONLY STORE UNIT IN MOISTURE BARRIER OVERWARP AT ROOM TEMPERATURE (25°C/77°F) UNIT, READY TO USE	The solution should be clear and should be used up as the use of up at one fame up to several the up at th		
AVOID EXCESSIVE HEAT SEE INSERT VIAFLEX CONTAINER PL 146 PLASTIC BAXTER VIAFLEX AND PL 146 ARE TRADEGUMES OF	Enug Markeling Authoritation Holder Manutacturer Nature Baster Healthree (Shariphan Loc Ld. M. Address: No. 388, Tingshu Road, Jinshan District, Shanghai Lo.		
BAXTER INTERNATIONAL INC FOR PRODUCT INFORMATION 1-800-933-0303	GTIN Barcode Area		
BAXTEF BAXTER PEARTON TON	LOT MFG EXP		
DIERRIELD IL 60015 USA MADE IN USA	*		

SI-TT-SI-DHCP-202410-01, Rev 02 Page 7 of 11

Table 5 Key differences between FDA-approved 10% Dextrose Injection USP and imported 10% Glucose Injection

	FDA-approved product	Imported product from Shanghai, China
Product name	10% Dextrose Injection USP	10% Glucose Injection
Label volume	250 mL	250 mL
Language of the Labels	English	English
Indications	Dextrose Injection, USP is indicated as a source of water and calories.	Glucose Injection is indicated as a source of water and calories.
Active ingredients	Each 100 mL contains 10 g Dextrose Hydrous USP	Each 100 mL contains 10 g Anhydrous Glucose
Additional information	pH 4.0 (3.2 to 6.5) Osmolarity 505 mOsmol/L (calc)	pH 4.0 (3.2 to 6.5) Osmolarity 555 mOsmol/L (calc)
Caloric content	340 kcal/L	400 kcal/L
Storage conditions	Store at room temperature 25°C/77°F.	Store at room temperature 15°C/59°F. to 30°C/86°F.
Container type	VIAFLEX (PVC)	IVINA (non-PVC)
Medication and Administration port closures	Contains medication port and administration port; Pull off port protector (blue color), right side	Contains medication port and administration port; Twist off port Protector (white color), left side

SI-ITT-SI-DHCP-202410-01, Rev 02 Page 8 of 11

Table 6 Label images of FDA-approved 10% Dextrose Injection USP and imported 10% Glucose Injection

US-FDA approved pro	duct	Imported product from Shanghai, China	
10% Dextrose Injection	USP	10% Glucose Injection	
Label Color: Black. Barcode r	not shown.	Label Color: Black. Imported product contains the NDC number, which is not yet show below. Barcode location is shown and will contain a linear barcode w human readable information.	
LOT	EXP 2B0162	Baxter® A6C0162US	
10% Dextrose	8-0023-02	GLUCOSE INJECTION	
ADU III. 10 g HHODOU USP pit 4.0 HHODOU USP USP PIT 4.0 HHODOU USP USP USP PIT 4.0 HHODOU USP USP USP USP PIT 4.0 HHODOU USP USP USP USP USP USP USP USP USP US	100 VYS MAY BY POWNERS AND STATE OF MANAGEMENT OF MANAGEME	100 (Steength) 250m1 (Steength) 250m1 25g (Description) The product is a clear, colories or almost colories liquid (Description) The product is a clear, colories or almost colories liquid (Description) Interview and interview and in See the package resort for data. For datals of [Iniciazional, Mariner Reactions], (Contransactional, and [Precutations), [Jeens refer to the (Contransactional), and [Precutations], please refer to the (Section 2007), and (Precutation), please refer to the (Section 2007), and (Section 2007), please refer to the colories of the colories o	

SI-ITT-SI-DHCP-202410-01, Rev 02 Page 9 of 11

Table 7 Key differences between FDA-approved 5% Dextrose/0.9% Sodium Chloride Injection USP and imported 5% Glucose/0.9% Sodium Chloride Injection

	FDA-approved product	Imported product from Shanghai, China	
Product name	5% Dextrose and 0.9% Sodium Chloride Injection USP	5% Glucose and 0.9% Sodium Chloride Injection	
Label volume	1000 mL	1000 mL	
Language of the Labels	English	English	
Indications	Dextrose and Sodium Chloride Injection, USP is indicated as a source of fluid and electrolyte replenishment and caloric supply.	Dextrose and Sodium Chloride Injection is indicated as a source of fluid and electrolyte replenishment and caloric supply.	
Active ingredients	Each 100 mL contains 5 g Dextrose Hydrous USP and 900 mg Sodium Chloride USP	Each 100 mL contains 5 g Anhydrous Glucose and 900 mg Sodium Chloride	
Additional information	pH 4.0 (3.2 to 6.5) Osmolarity 560 mOsmol/L (calc)	pH 4.0 (3.2 to 6.5) Osmolarity 585 mOsm/L (calc)	
Caloric content	170 kcal/L	200 kcal/L	
Storage conditions	Store at room temperature 25°C/77°F.	Store at room temperature 15°C/59°F. to 30°C/86°F.	
Container type	VIAFLEX (PVC)	IVINA (non-PVC)	
Administration port closures	Contains medication port and administration port; Pull off port protector (blue color), right side	Contains medication port and administration port; Twist off port protector (white color), left side	

SHITT-SHDHCP-202410-01, Rev 02 Page 10 of 11

Table 8 Label images of FDA-approved 5% Dextrose/0.9% Sodium Chloride Injection USP and imported 5% Glucose/0.9% Sodium Chloride Injection

FDA-approved product	Imported product from Shanghai, China
5% Dextrose and 0.9% Sodium Chloride Injection USP	5% Glucose and 0.9% Sodium Chloride Injection
Label Color: Black. Barcode not shown.	Label Color: Black. Imported product contains the NDC number, which is not yet shown below. Barcode location is shown and will contain a linear barcode with human readable information.
LOT EXP ② 281064 NDC 0339-0099-94	100 Baxter® A6C1064US
1	5% GLUCOSE AND 200 0.9% SODIUM CHLORIDE INJECTION
5% Dextrose and $\overline{2}$ 0.9% Sodium Chloride $\overline{3}$ Injection USP	300 1000ml 5% 0.9% SOBUM CHLORIDE
TOOO INL ELON 100 ML CONTAINS 5 g DEXINOSE HIPMOSU BY 800 mg BOOM CHLORISE (BB* gH 4.0 HIPMOSU CONTAINS 100 mC 100 mC 100 HIPMOSU CONTAINS 100 mC 100 mC 100 STRILL HOWEVER BOOM CONTAINS 100 ACOUNTES USE AS REPITIC TECHNOLOGY MN MODITIES USE AS REPITIC TECHNOLOGY MN MN MN MN MN MN MN MN MN MN	Stemph 1000mt GLUCISE 50g
SOLUTION IS CLEAR RS ONLY STORE UNTIL NO MOISTURE ABBRIEF OVERHEAD AT ROOM TEMPERATURE (25°COT?F) UNIT, READY TO USE ANDO EXCESSOR HEAT SEE ROOM! VIAFLEX CONTAINED BACTE MARRIES ON P. 146 ARE TRESPERSED OF BACTE MARRIES ON P. 146 ARE TRESPERSED OF	Doughair Frankage Cooks Dough Marketing Authorities Holder [Manufacturer] Day Marketing Authorities Holder [Manufacturer] Address: No. 388, Tenghui Road, Jirohan Debrit, Shanghai GTIN Barcode Area
BEXTE FOAT TOUGH (No. 1904) BAXTE FOAT TOUGH CONFORT ON DESPUEL IL 60015 USA More in USA FOA PRODUCT APPRIENT OF 1-800-933-9203 1-800-933-9203	900 LOT MFG EXP

SI-ITT-SI-DHCP-202410-01, Rev 02 Page 11 of 11

PACKAGE INSERT



Revision Date: April 15, 2008, January 23, 2009, October 01, 2010, December 23, 2011, February 10, 2012, March 12, 2012, April 19, 2012, October 18, 2014, October 25, 2015, December 01, 2015, January 15, 2019, January 16, 2019, April 23, 2019, July 07, 2020, December 01, 2020

Glucose Injection Package Insert

Please read the package insert carefully and use under the direction of the physician

senenc Name: Glucose injection	
inglish Name: Glucose Injection	
hinese Pinvin: Putaotang Zhushey	ve .
Ingredients]	-OH
hemical name: Glucose.	C
tructural formula:	
	(OH) ·H2O
	ОН
folecular formula: C ₆ H ₁₂ O ₆ +H ₂ O	OH
1010000011101111010110101110011100	OH

Molecular weight: 198.17

Excipients: If necessary, adjust the pH value with an appropriate amount of dilute

hydrochloric acid.

[Description]
This product is a colorless or almost colorless clear liquid.

In the second of energy and fluids; indicated for underfeeding or loss of large amounts of fluids caused by various reasons (such as vomiting and diarrhea), total infravenous sulfition, and starvation ketosis.

Hypoglycemia;
Hyperfacemia;
Hyperfacemia;
Hyperfacemia;
Hyperfacemia;
Hyperfacemia;

[Drug Name]

For preparation of peritoneal dialysis solution;

Intravenous glucose tolerance test; For preparation of GIK (polarized liquid).

(8) For preparation or usin youngers and the grant of the

OmitSig (8) 500mit:103g (9) 50mit:2.5g (0mitSig (8) 50mit:103g (9) 50mit:2.5g (9)

(3)

withdrawal from total intravenous nutrition therapy. Hyperglycemic non-lectude coma, which is more common in patients with diabetes, patients with stress, patients receiving large amounts of glucocontoxids, and patients with uremia pertoneal dialysis who are given intraperitoneal hypertonic glucose soution or total intravenous nutrition therapy. Electroyte imbalance. Long-term supplementation of glucose alone can easily lead to hypochaemia, hypopratemia, and hypophosphatemia. Hyperkaemia, which occasionally occurs in patients with type 1 diabetes when they are administered glucose at a high concentration. Hypersensitivity/infusion reactions (including anaphylacticianaph

(6)

(7)

perglycemia.

(9) Payleygylerus (19) Paylerus (19) Payl

| Contraindications|
| Contraindications|
| Contraindications|
| Contraindications|
| Contraindicated in the following patients:
| Those who are altergic to any ingredient in the product;
| Patients with chinically significant hyperglycemia;
| Patients with prepryopemic non-kelotic hypersonical state;
| Patients with prepryopemic non-kelotic hypersonical state;
| Precautions|
| Namings |
| Those with uncontroited diabetic ketoacidosis.
| Precautions|
| Namings |
| Namin

Water loss. For isotonic water loss, 5% glucose injection should be administered

Water loss. For isotoric water loss, 5% glucose injection should be administered by intravenous drip. Hyperkalenia. 10-25% injection should be administered. Adding 1 unit of regular insulin for every 2-4 g of glucose can reduce serum potassium concentration. However, this therapy only allows extracellular potassium ions to enter the cells, and the total potassium content in the body remains unchanged. If potassium elimination measures are not taken, hyperkalenia may still occur again. Tissue dehydration. 20 to 50 m of hyperfoins oslution (generally 50% glucose injection) should be administered by rapid intravenous injection. However, the effect is short-lived. Clinically, attention should be paid to preventing hyperglycemia, and this therapy is rarely used at present. When used to adjust the osmotic pressure of peritoneal dialysis solution by 55 milors/mg/10-10. To 10% and 20% glucose injections, if administered via a peripheral vein, the osmotic pressure of the final mixed infusion solution must be considered. For 10% and 20% glucose injection, she musting glucose-containing preparations, consider starring at a low influsion rate before soloping the influencesing it. For 20% glucose injection, to reduce the risk of hypoglycemia after discontinuation, consider gradually slowing down the influsion rate before soloping the influence, consider starring at a low influsion rate before soloping the influence, consider gradually slowing down the influsion rate before soloping the influence of the patients condition to make the occurrence of complications. For 20% glucose injection, is to be co-administered, and their ingredients (including amino acids influence), dilute the glucose injection with a preparations containing amino acids (influence), dilute the glucose injection in the value of complications. For 20% glucose injection, is to be co-administered with preparations containing amino acids (influence), dilute the glucose injection to appropriate thermal influence into before injection to make the comotic pressu

(8)

(13)

(2)

and pain.

Reactive hypoglycemia, which is prone to occur in the event of coadministration of an overdose of insulin, a pre-existing hypoglycemia tendency, or sudden

Monitoring of serum sodium is particularly important. High volume influsion must be administered under specific monitoring conditions in patients with cardiac or pulmonary failure, and in patients with non-osmotic vasopressin release (including Syndrome of Inappropriate Antidirect Folmone Secretion, SIADH), due to the risk of hospital-acquired hyponatremia. Acute hyponatremia can lead to acute hyponatremia can lead to acute hyponatremia period propriate propriate and propriate prop

gincally notice.

glycemia As with the intravenous administration of nutrients (e.g., 13.3-70% glucose, amino acids, and lipids) in general, metabolic complications may occur if the nutrient intake is not adapted to the patient's requirements, or the metabolic capacity of any given dietary component is not accurately assessed. Adverse metabolic effects may arise from administration of inadequate or excessive nutrients or from inappropriate composition of an admixture for a particular valent's metabol.

Rapid administration of glucose solution may produce severe hyperglycemia

(3)

Rapid administration of glucose solution may produce severe hyperglycemia and hypercomains syndrome. In order to avoid hyperglycemia, the infusion rate should not exceed the patient's ability to utilize glucose. To reduce the risk of hyperglycemia-associated complications, the infusion rate must be adjusted and/or insulin administered if blood glucose levels exceed levels considered acceptable for the individual patient.



(5) Intravenous glucose should be administered with caution in patients with, for example: ① Impaired glucose tolerance (such as in diabetes melitius, renal impairment, or in the presence of sepsis, trauma, or shock). ② severe mainutrition (risk of precipitating a refeeding syndrom). ③ thiamine deliciency, e.g., in patients with chronic alcoholism (risk of severe lactic acidosis due to impaired oxidative metabolization of pryurate), and ③ water and electrolyte disturbances that oxid be aggravated by increased glucose and/or free vater load.

(6) Intravenous glucose should also be administered with caution in: ② patients with ischemic stroke (hyperglycenia has been implicated in increasing cerebral ischemic brain damage and impairing recovery after acute ischemic strokes). ② patients with severe traumatic brain injury (in particular during the first 24 hours following the traumal) (early hyperglycenia has been associated with poor outcomes in patients with traumatic brain injury), ③ newborns.

(7) Prolonged intravenous administration of glucose and associated hyperglycemia may result in decreased rates of glucose-simulated insultin secretion.

Refeeding syndrome.

Refeeding syndrome
Refeeding swored pulcose-sumulated insulin secretion.
Refeeding swored undernourished patients may result in refeeding syndrome which is characterized by the rapid shift of potassium, phosphorus, and magnesium from the blood to cells as the patient becomes anabolic. Thiamine deficiency and fluid retention may also develop. Carefull monitoring and slowly increasing nutrient intake while avoiding overfeeding can prevent these complications.
Liver disorders
For 20% glucose injection, hepatibiliary disorders including cholestasis, fatty liver, fibrosis and circle infrosis, possibly leading to hepatic failure, as well as cholecystilis and cholelihiasis are known to develop in some patients on parenteral nutrition. The etiology of these disorders is thought to be mutificatorial and may differ between patients. Patients presenting with abnormal laboratory parameters or other signs of hepatibiliary disorders should be assessed early by a clinical knowledgeable in liver diseases in order to identify possible causative and contributory factors, and possible therapeutic and prophylactic interventions. prophylactic interventions. Catheter infection and sepsis

Control and C

administer parenteral formulations, poor maintenance of catheters, or contaminated solutions.

Immunosuppression and other factors such as hyperglycemia, mainutrition and/or their underlying disease state may predispose patients to infectious complications. Careful symptomatic and laboratory monitoring for fever/chilis, leukocytosis, technical complications with the access device, and hyperglycemia can help detect infections early.

The occurrence of septic complications can be decreased with heightened emphasis on a septile technique in catheter foregreener maintenance, as wall as (2) (3)

(4) emphasis on aseptic technique in catheter placement, maintenance, as well as aseptic technique in nutritional formula preparation.

aseptic technique in nutritional formula preparation.

Precipitates
For 20% glucose injection, pulmonary vascular precipitates have been reported in
patients receiving parenteral nutrition. In some cases, stati outcomes have occurred.

Excessive addition of calcium and phosphate increases the risk of the formation of
calcium phosphate precipitates. Precipitates have been reported even in the absence of
phosphate salt in the solution. Precipitation distal to the in - line filter and suspected
precipitate formation in the blood stream have also been reported. In addition to
inspection of the solution, the infusion set and catheter should also periodically be
checked for precipitates. If signs of pulmonary distress occur, the infusion should be
stopped and medical evaluation initiated.

2. General

eral Intrapartum maternal excess intravenous glucose infusion may result in fetal insulin production and hypoglycemia in neonates. Use with caudion in the following circumstances: (1) Patients who have undergone subtotal gastrectomy are prone to dumping syndrome and hypoglycemia during oral

glucose tolerance tests and should be switched to intravenous glucose tests;

Patents with periodic paralysis or hypokalemia;
Patients with one prior to hypokalemia;
Patients with one prior to hypokalemia;
Patients with one provided the composition of the provided the patients with edema, severe heart or kidney failure, or hepatia scotes are prior to water reterrior, the intrision volume should be composed, for patients with heart failure, the influsion, the intrision volume should be composed, the patients with heart failure, the influsion of the provided to the patients of the

Inflat risks and benefits for each reputation.

diatrics Use]

The drug should be administered under the guidance of a physician experienced in pediatric intravenous fluid therapy. Excessive or rapid fluid replacement may result in padipations, arrhythmia, and even acute left heart failure.

Newborns (especially those born premature and with low birth weight), are at increased risk of developing hypoglycemia or hyperglycemia. Close monitoring during treatment with intravenous glucose solutions is needed to ensure adequate glycemic control, in order to avoid potential long term adverse effects. Hypoglycemia in the newborn can cause prolonged seizures, coma, and cerebral injury. Hyperglycemia has been associated with cerebral injury (including intraventricular hemorrhage), late onset bacterial and fungal infection, retinopathy of prematurity, necrotizing enterocolitis, increased oxygen requirements, prolonged length of hospital stay, and death.

Pediatric patients including neonates and older children) are at increased risk of developing hypoosmotic hyponatremia as well as for developing hyponatremic encephalopathy. Acute hyponatremia can lead to acute hyponatremic encephalopathy (brain edema) characterized by headache, nausea, seizures lethargy, vornitrig, and orona; Patients with brain edema are at particular risk of severe, inverestible, and life-threatening brain injury and death. Plasma electrolyte concentrations should be closely monitored in the pediatric population. Rapid correction of hypoosmotic hyponatremia is potentially dangerous (risk of serious neurologic complications). Dosage, rate, and duration of administration should be determined by a physician experienced in pediatric intravenous fluid therapy.

intravenous fluid therapy.

[Ceriatrics Use]

When selecting the type of infusion solution, and the volume /rate of infusion for a geratric patient, consider that geriatric patients are generally more likely to have cardiac, renal, hepatic, and other diseases or concomitant drug therapy. Excessive or rapid fluid replacement may result in palpitations, arrhythmia, and even acute left heart failure.

[Drug Interactions]

replacement may result in palpitations, armynimia, and even acute left heart failure.

[Drug Interactions]

No studies have been conducted.

Both the glycemic effects of glucose injection and its effects on water and electrolyte balance should be taken into account when using glucose injection in patients treated with other substances that affect glycemic control, or fluid and electrolyte balance.

Caution is advised when administering the product to patients treated with drugs leading on an increased vasopressin effect. The below listed drugs increase the vasopressin effect, leading to reduced renal electrolyte free water excretion and may increase the risk of hyponatremia following treatment with intravenous fluids.

Drugs stimulating vasopressin release such as chlopropamide, colibrate, carbamazepine, vincristine, selective serotonin reuptake inhibitors (SSRIs), 3,4-metlyferedoxyl-h-methamphetamine, flosfamide, antipsychotics, and opiodis.

Drugs potentializing vasopressin action such as chlopropamide, non-steroidal arti-inflammatories (NSAIDS), cyclophosphamide.

Vasopressin analogues such as desmopressin, oxyfocin, vasopressin, and terfpressin.

anti-immammatories (NS-AUDS), cyciopnosphamine.

Vasopressin analogues such as desmopressin, oxytocin, vasopressin, and terfipressin.

Caution is advised when administering the product to patients treated with drugs that may increase the risk of hyponatremia, such as diuretics and antiepileptics (e.g., oxcarbazepine).

[Overdosage]

Excess administration of the product can cause hyperglycemia, adverse effects on water and electrolyte balance, and corresponding complications. For example, severe dilutional hyponatremia, and their complications, can be fatal. Interventions include discontinuation of administration, dose reduction, administration dirusuling insuling and their complications. Chincally significant overdose of glucose injection may, therefore, constitute a medical emergency. [Pharmacology and Toxicology]

Glucose is one of the main sources of heat for the human body. Every 1 gram of glucose can produce 4 kcal (16.7 kl.) of heat energy, so it is used to supplement heat and treat hypodycemia. When glucose is intravenously administered with insulin, glycogen synthesis requires potassium ions, resulting in potassium ions entering the cells and lovering blood potassium concentration, hence it is used to treat hyperdisemia. Hyperforic glucose injection can be rapidly administered intravenously for stace dehydration and can be used as a tissue dehydrating agent. Additionally, glucose is the main substance that maintains and regulates the comotio pressure of peritorical dialysis solutions.

[Pharmacokinetics]

Intravenously administered glucose enters the bloodstream directly. Glucose is completely oxidized in the body to produce Co: and water, which are excreted through

[Pharmacokinetics]
Intravenously administered glucose enters the bloodstream directly. Glucose is completely oxidized in the body to produce Co: and water, which are excreted through the lungs and kidneys, along with energy production, and can also be converted into glycogen and fat for storage. Generally, a normal human body utilizes glucose at a rate of 8 mg/kg per minute.

[Storage] Store in overwrap.

[Packaging]
A three-layer Co-extrusion Bags Used for Influsion with a special injection port and a special influsion port or a special injection port and a special flexible influsion port in double-layer, double-valve sterile packaging.

(1) A three-layer Co-extrusion Bags Used for Influsion with a special injection port and a special injection port and a special injection port. For Somibag, 100m/bag, 250m/bag, and 500m/bag, instructions: 1. This product is packaged sterile in Inner and outlet bags. In the state of the special packaged sterile in Inner and outlet bags. In the special packaged sterile in Inner and outlet bags, 250m/bag, and 500m/bag, 100m/bag, 250m/bag, and 500m/bag, 100m/bag, 100m

Shelf Life] 24 months

[Executive Standard] Pharmacopoeia of the People's Republic of China, Volume II,
2020 Edition

[License Number]

Product	Strength	License Number	
Glucose Injection	100ml:5g	H19994070	
Glucose Injection	250ml:12.5g	H19994071	
Glucose Injection	500ml:25g	H19983150	
Glucose Injection	100ml:10g	H19993736	
Glucose Injection	250ml:25g	H19994063	
Glucose Injection	500ml:50g	H19994062	
Glucose Injection	250ml:50g	H20013219	
Glucose Injection	500ml:100g	H20013218	
Glucose Injection	50ml:2.5g	H19993747	
Glucose Injection	50ml:5g	H19993748	

[Drug Marketing Authorization Holder]
Name: Baxter Healthcare (Shanghai) Co., Ltd.
Registared Address: No. 388 Tingzhu Rd, Jinshan District, Shanghai
[Manufacturer]
Name: Baxter Healthcare (Shanghai) Co., Ltd.
Address: No. 388 Tingzhu Rd, Jinshan District, Shanghai
Postal Code: 201508
Tel: 88-21-57030000

(H)



10% Glucose Injection

250ml X 40

LOT S0000000 A6C0162US 1C/N EXP YYYY-MM LIC H19994063

10% Glucose Injection

250ml X 40

LOT S0000000 MFG YYYY-MM-DD 1C/N 0000

Baxter Logo Trademark A6C0162US

GLUCOSE INJECTION

<u>50</u>

<u>100</u>

<u>150</u>

<u>200</u>

250ml 10% GLUCOSE

[Strength] 250ml: 25g [Description] This product is a colorless or almost colorless clear liquid [Dosage and Administration] Intravenous drip See the package insert for details For details of [Indications], [Adverse Reactions], [Contraindications], and [Precautions], please refer to the package insert

[Storage] Store in overwrap

The solution should be clear and should be used up at one time Inspect the inner bag by squeezing it and discard solution if leakage occurs License Number: H19994063

AA

[Drug Marketing Authorization Holder] [Manufacturer]

Name: Baxter Healthcare (Shanghai) Co., Ltd.

Address: No. 388, Tingzhu Road, Jinshan District, Shanghai

BarCode

(01) 00303389797012

LOT MFG EXP

10% Glucose Injection

250ml X 40

LOT S0000000 EXP YYYY-MM A6C0162US 1C/N LIC H19994063

10% Glucose Injection

250ml X 40

LOT S0000000 EXP YYYY-MM MFG YYYY-MM-DD 1C/N 0000

GLUCOSE

dextrose anhydrous injection, solution

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0338-9797
Route of Administration	INTRAVENOUS		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength	
	DEXTROSE MONOHYDRATE	110 g in 1000 mL	

Inactive Ingredients

Ingredient Name	Strength
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

WATER (UNII: 059QF0KO0R)

Packaging

П	·				
	# Ite	em Code	Package Description	Marketing Start Date	Marketing End Date
	1 NDC	:0338-9797-	40 in 1 CARTON	10/11/2024	
l	1 NDC	:0338-9797-	250 mL in 1 BAG; Type 0: Not a Combination Product		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
Unapproved drug for use in drug shortage		10/11/2024	

Labeler - Baxter Healthcare Corporation (005083209)

Establishment

Name	Address	ID/FEI	Business Operations
Baxter Healthcare Shanghai) Co. Ltd.		527191860	MANUFACTURE(0338-9797) , ANALYSIS(0338-9797) , LABEL(0338-9797) , PACK(0338-9797) , STERILIZ E(0338-9797)

Revised: 11/2024 Baxter Healthcare Corporation