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# Drug Information Update

August 2023

## TABLE OF CONTENTS

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TABLE OF CONTENTS.....	1
NEWLY AVAILABLE GENERICS .....	2
NEW DRUG ENTITIES/STRENGTHS/COMBINATIONS .....	4
NEW INDICATIONS (EXISTING DRUGS).....	6
RECALLS .....	8
CURRENT DRUG SHORTAGES .....	49

## NEWLY AVAILABLE GENERICS

Generic Name/ Dosage Form	Brand Name	Manufacturer	Indication
Cyclophosphamide 500 mg/ml intravenous vial	Cyclophosphamide	Dr. Reddy's Laboratories	<p>Malignant Diseases:</p> <ul style="list-style-type: none"> <li>• Malignant lymphomas (Stages III and IV of the Ann Arbor staging system), Hodgkin's disease, lymphocytic lymphoma (nodular or diffuse), mixed-cell type lymphoma, histiocytic lymphoma Burkitt's lymphoma</li> <li>• Multiple myeloma</li> <li>• Leukemias: chronic lymphocytic leukemia, chronic granulocytic leukemia (it is usually ineffective in acute blastic crisis), acute myelogenous and monocytic leukemia, acute lymphoblastic (stem-cell) leukemia (cyclophosphamide given during remission is effective in prolonging its duration)</li> <li>• Mycosis fungoides (advanced disease)</li> <li>• Neuroblastoma (disseminated disease)</li> <li>• Adenocarcinoma of the ovary</li> <li>• Retinoblastoma</li> <li>• Carcinoma of the breast</li> </ul>
Gadobutrol 2 mmol/2 ml, 7.5 mmol/7.5 ml, 10 mmol/10 ml, 15 mmol/15 ml intravenous vial	Gadavist	Fresenius Kabi	<p>For use with magnetic resonance imaging (MRI):</p> <ul style="list-style-type: none"> <li>• To detect and visualize areas with disrupted blood brain barrier and/or abnormal vascularity of the central nervous system in adult and pediatric patients (including term neonates)</li> <li>• To assess the presence and extent of malignant breast disease in adult patients</li> <li>• To evaluate known or suspected supra-aortic or renal artery disease in adult and pediatric patients (including term neonates)</li> <li>• To assess myocardial perfusion (stress, rest) and late gadolinium enhancement in adult patients with known or suspected coronary artery disease (CAD)</li> </ul>
Saxagliptin 2.5 mg, 5 mg oral tablet	Onglyza	Aurobindo Pharma	<ul style="list-style-type: none"> <li>• Indicated as an adjunct to diet and exercise to improve glycemic control in adults with type 2 diabetes mellitus</li> </ul>
indomethacin 50 mg rectal suppository	Indocin	Zydus Pharmaceuticals	<ul style="list-style-type: none"> <li>• Moderate to severe rheumatoid arthritis including acute flares of chronic disease</li> <li>• Moderate to severe ankylosing spondylitis</li> </ul>

Generic Name/ Dosage Form	Brand Name	Manufacturer	Indication
			<ul style="list-style-type: none"> <li>• Moderate to severe osteoarthritis</li> <li>• Acute painful shoulder (bursitis and/or tendinitis)</li> <li>• Acute gouty arthritis</li> </ul>
Saxagliptin/metformin 2.5 mg-1000 mg, 5 mg- 500 mg, 5 mg-1000 mg oral tablet	Kombiglyze	Mylan	<ul style="list-style-type: none"> <li>• Indicated as an adjunct to diet and exercise to improve glycemic control in adults with type 2 diabetes mellitus when treatment with both saxagliptin and metformin is appropriate</li> </ul>
Tiotropium bromide 18 mcg inhalation capsule	Spiriva HandiHaler	Lupin Pharmaceuticals	<ul style="list-style-type: none"> <li>• For the long-term, once-daily, maintenance treatment of bronchospasm associated with chronic obstructive pulmonary disease (COPD), and for reducing COPD exacerbations</li> </ul>

## NEW DRUG ENTITIES/STRENGTHS/COMBINATIONS

Drug Name	Generic Name	Description
Cyclophosphamide 500 mg/ml intravenous solution	cyclophosphamide	New strength IV solution.
Xenpozyme 4 mg intravenous solution reconstituted	olipudase alfa-rpcp	New strength. Product has been available as 20 mg vials since September 2022.
Vanflyta 17.7 mg, 26.5 mg oral tablet	quizartinib	New cancer agent indicated to be used in combination with cytarabine and anthracycline induction and cytarabine consolidation, and as maintenance monotherapy following consolidation chemotherapy, for the treatment of adults with newly diagnosed acute myeloid leukemia (AML) that is FLT3-internal tandem duplication (ITD)-positive as detected by an FDA-approved test. Available only through a Risk Evaluation and Mitigation Strategy (REMS) program and is not indicated as maintenance monotherapy following allogeneic HSCT.
Ngenla 24 mg/1.2 ml, 60 mg/1.2 ml subcutaneous pen-injector	somatrogon-ghla	Once-weekly, human growth hormone analog indicated for treatment of pediatric patients aged 3 years and older who have growth failure due to inadequate secretion of endogenous growth hormone.
Cosentyx 300 mg/2 ml subcutaneous auto-injector	secukinumab	New strength. New UnoReady pen.
Yuflyma 2-Syringe Kit Subcutaneous Prefilled Syringe Kit 40 MG/0.4ML	adalimumab-aaty	Humira biosimilar. New dosage form. Only available in high concentration strength.
Xdemvy 0.25% ophthalmic solution	lotilaner	First treatment indicated to treat patients with Demodex blepharitis caused by Demodex mites. It is given as a single drop in each eye twice daily for 6 weeks.
Beyfortus 50 mg/0.5 ml, 100 mg/ml intramuscular prefilled syringe	nirsevimab-alip	Indicated for the prevention of respiratory syncytial virus (RSV) lower respiratory tract disease (LRTD) in newborns and infants born during or entering their first RSV season, and for children up to 24 months of age who remain vulnerable to severe RSV disease through their second RSV season. Administered as a single intramuscular injection.
Xacduro 1-1 gm intravenous solution	sulbactam/durlobactam	New antibiotic indicated for the treatment of hospital-acquired bacterial pneumonia (HABP) and ventilator-associated bacterial pneumonia (VABP), caused by susceptible isolates of Acinetobacter baumannii-calcoaceticus complex (ABC) in patients 18 years of age and older.

Drug Name	Generic Name	Description
Izervay 2 mg/0.1 ml intravitreal solution	avacincaptad pegol	Complement C5 inhibitor indicated for the treatment of geographic atrophy (GA) secondary to age-related macular degeneration (AMD). Administered once monthly and use is limited to 1 year, according to the product label.
Ycanth 0.7% external solution	cantharidin	Topical solution indicated to treat molluscum contagiosum in adult and pediatric patients aged two years and above. It is a drug-device combination product that consists of a GMP (good manufacturing practice)-formulation of cantharidin.
Elrexfio 44 mg/1.1 ml, 76 mg/1.9 ml subcutaneous solution	elranatamab-bcmm	For the treatment of adults with relapsed or refractory multiple myeloma who have received at least 4 prior lines of therapy, including a proteasome inhibitor, an immunomodulatory agent, and an anti-CD38 monoclonal antibody. First B-cell maturation antigen (BCMA)-directed therapy that can be dosed once every 2 weeks after an initial 24 weeks of weekly therapy.
Opvee 2.7 mg/0.1 ml nasal solution	nalmeferone	Nasal spray for emergency treatment of known or suspected opioid overdose in adults and pediatrics 12 and older. Has a longer duration of action.
Talvey 3 mg/1.5 ml, 40 mg/ml subcutaneous solution	talquetamab-tgvs	For the treatment of adults with relapsed or refractory multiple myeloma who have received at least 4 prior lines of therapy, including a proteasome inhibitor, an immunomodulatory agent, and an anti-CD38 monoclonal antibody.
Iyuzeh 0.005% ophthalmic solution	latanoprost (PF)	Preservative-free formulation of latanoprost. Does not need to be manufactured, distributed, or stored at refrigerated temperatures.

## NEW INDICATIONS (EXISTING DRUGS)

†**Bolded** items reflect newly approved indication; ~~strikethrough~~ of removed indication/age limit/etc.

Brand Name	Generic Name/ Dosage Form	Manufacturer	Newly Approved Indication†
Jemperli	dostarlimab-gxly 500 mg/10 ml intravenous vial	GlaxoSmithKline	<ul style="list-style-type: none"> <li>• <b>In combination with carboplatin and paclitaxel, followed by Jemperli as a single agent for the treatment of adult patients with primary advanced or recurrent endometrial cancer that is mismatch repair deficient (dMMR), as determined by an FDA-approved test, or microsatellite instability-high (MSI-H).</b></li> <li>• As a single agent for the treatment of adult patients with dMMR recurrent or advanced endometrial cancer, as determined by an FDA-approved test, that has progressed on or following prior treatment with a platinum containing regimen in any setting and are not candidates for curative surgery or radiation.</li> <li>• As single agent for the treatment of adult patients with dMMR recurrent or advanced solid tumors, as determined by an FDA-approved test, that have progressed on or following prior treatment and who have no satisfactory alternative treatment options.<sup>1</sup></li> </ul> <p><sup>1</sup>This indication is approved under accelerated approval based on tumor response rate and durability of response. Continued approval for this indication may be contingent upon verification and description of clinical benefit in a confirmatory trial(s).</p>
Lonsurf	trifluridine/tipiracil 15 mg-6.14 mg, 20 mg-8.19 mg oral tablet	Taiho Oncology	<ul style="list-style-type: none"> <li>• <b>Metastatic colorectal cancer as a single agent or in combination with bevacizumab</b> who have been previously treated with fluoropyrimidine-, oxaliplatin- and irinotecan-based chemotherapy, an anti-VEGF biological therapy, and if RAS wild-type, an anti-EGFR therapy</li> <li>• Metastatic gastric or gastroesophageal junction adenocarcinoma previously treated with at least two prior lines of chemotherapy that included a fluoropyrimidine, a platinum, either a taxane or irinotecan, and if appropriate, HER2/neu-targeted therapy</li> </ul>

Brand Name	Generic Name/ Dosage Form	Manufacturer	Newly Approved Indication†
Daxxify	daxibotulinumtoxinA-lanm 50 unit, 100 unit intramuscular vial	Revance Therapeutics	<ul style="list-style-type: none"> <li>• Temporary improvement in the appearance of moderate to severe glabellar lines associated with corrugator and/or procerus muscle activity in adult patients</li> <li>• <b>Treatment of cervical dystonia in adults</b></li> </ul>
Ingrezza	valbenazine 40 mg, 60 mg, 80 mg oral capsule	Neurocrine Biosciences	Treatment of adults with: <ul style="list-style-type: none"> <li>• Tardive dyskinesia</li> <li>• <b>Chorea associated with Huntington’s disease</b></li> </ul>

## RECALLS

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
Tydemyl (drospirenone, ethinyl estradiol and levomefolate calcium tablets, 3 mg/0.03 mg/0.451 mg and levomefolate calcium tablets 0.451 mg), packaged in 1 blister of 28 tablets each (NDC 68180-904-71) further packaged in a carton of 3 blisters (NDC 68180-904-73), Distributed by: Lupin Pharmaceuticals, Inc., Baltimore, Maryland 21202, Manufactured by Lupin Limited, Pithampur (M.P.), INDIA	Class I	Drugs	Lot #: L200183, Exp 1/2024; L201560, Exp 9/2024	Failed Stability Specification and Failed Impurities/Degradation Specifications: out of specification for inactive content ascorbic acid and MTHFRC-7impurity test	Lupin Pharmaceuticals Inc.
Safe Tussin DM Cough + Chest Congestion (Dextromethorphan HBr/ Cough Suppressant Guaifenesin/Expectorant), packaged in 4.0 FL OZ(118mL), 2020 Kramer Laboratories, Inc. Bridgewater, NJ 08807	Class II	Drugs	Lot #: 8753, 8753A, Exp. Date 10/2023 Lot #: 8659 Exp. Date 8/2023	CGMP Deviations: use of non-food grade lubricant in mixing vessel.	Kramer Laboratories, Inc.
Safe Tussin PM Night Time Cough Relief (Cough Suppressant/Antihistamine), packaged in 4.0 FL OZ(118mL) bottles, Kramer Laboratories, Inc. Bridgewater, NJ 08807	Class II	Drugs	Lot #: 8639, Exp. Date 8/2023	CGMP Deviations: use of non-food grade lubricant in mixing vessel.	Kramer Laboratories, Inc.
Diclofenac Sodium Topical Solution USP, 2% w/w, 3.8 FL.OZ.(112 grams) bottles, Rx only, Manufactured for: Alembic Pharmaceuticals, Inc. Bedminster, NJ 07921, USA Manufactured by: Alembic Pharmaceuticals Limited (Derma Division) Karakhadi, Vadodara 391450, India. NDC 62332-487-12	Class II	Drugs	Lot #: 220151, 220152, 220153, Exp. Date 11/2024	Defective Delivery System	ALEMBIC PHARMACEUTICALS, INC.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
Oxacillin for Injection, USP, 1 gram per vial, For IV or IM Use, Rx only, Mfd. for SAGENT Pharmaceuticals, Schaumburg, IL 60195. Made in India. NDC 25021-146-10.	Class II	Drugs	Lot: OXG301, Exp 12/31/2025	Lack of Assurance of Sterility	Sagent Pharmaceuticals
Oxacillin for Injection, USP, 2 grams per vial, For IV or IM Use, Rx only, labeled as a) NDC 25021-162-24 and b) novaplus NDC 25021-162-68, Mfd. for SAGENT Pharmaceuticals, Schaumburg, IL 60195. Made in India.	Class II	Drugs	Lot #: a) OXL202, exp 6/30/2025; OXL204, exp 6/30/2025; OXL301, exp 12/31/2025; OXL205, exp 11/30/2025; b) OXL201, exp 5/31/2025; OXL203, exp 6/30/2025	Lack of Assurance of Sterility	Sagent Pharmaceuticals
Oxacillin for Injection, USP, 10 gram per pharmacy Bulk Package bottle, For Intravenous Use, Rx only, packaged as a) NDC 25021-163-99 and b) novaplus NDC 25021-163-68, Mfd. for SAGENT Pharmaceuticals, Schaumburg, IL 60195. Made in India.	Class II	Drugs	Lot: a) OXT202, exp 5/31/2025; OXT203, exp 5/31/2025; OXT301, exp 12/31/2025; b) OXT205, exp 6/30/2025; OXT204, exp 5/31/2025	Lack of Assurance of Sterility	Sagent Pharmaceuticals
Methylphenidate Hydrochloride Tablets, USP 20mg, Rx Only, 100 Tablets per bottle, Manufactured by: Ohm Laboratories Inc., New Brunswick, NJ 08901, Distributed by: Sun Pharmaceutical Industries Inc., Cranbury, NJ 08512, NDC 57664-230-88.	Class II	Drugs	Lot AC74459, Exp 07/31/2024	Presence of Foreign Substance: Metal embedded in a tablet.	SUN PHARMACEUTICAL INDUSTRIES INC
Testosterone Cypionate-Testosterone Propionate 180-20 mg/mL in cottonseed oil, Compounded Rx, For Intramuscular Use Only, a) 1 mL, b) 5 mL Multi-Dose Vial, New Vitalis Pharmacy, 4139 Cadillac Ct, Ste 201, Louisville, KY 40213	Class II	Drugs	Lot #: AL-05222023@901, BUD 7/22/23; AL-06122023@908CS, BUD 8/11/23	Lack of Assurance of Sterility	New Vitalis Pharmacy LLC dba New Vitalis Pharmacy
FentaNYL 500 mcg/250 mL - Bupivacaine HCl 0.1% in 0.9% Sodium Chloride 250mL Bag, Injection for Epidural Use (fentaNYL	Class II	Drugs	Lot # 1223047134, Use By: 09/21/2023	cGMP deviations: due to shipment of rejected units.	SCA Pharmaceuticals

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
Concentration - 2 mcg/mL), Rx Only, Single Dose Container, SCA Pharmaceuticals, 755 Rainbow Rd, Windsor, CT 06095, NDC# 70004-0253-40					
rocuronium 50 mg/5 mL (10 mg/mL), Syringes Rx only, this drug was repackaged by CAPS Inc, 2200 South 43rd Avenue, Phoenix, AZ, NDC 72196-6010-1.	Class II	Drugs	Lot: 36-238805, 36-238806, 36-238808, 36-238809, 36-238810, 36-238811, Exp. 7/10/2023; 36-239229, 36-239319, 36-239320, 36-239321, 36-239322, Exp. 7/11/2023; 36-239453, 36-239454, 36-239455, Exp. 7/12/2023; 36-239851, 36-239852, Exp. 7/13/2023; 36-240204, Exp. 7/16/2023; 36-240509, 36-240510, 36-240511, Exp. 7/17/2023; 36-241263, 36-241266, Exp. 7/19/2023; 36-241362, 36-241363, 36-241365, Exp. 7/20/2023; 36-241880, 36-241881, 36-241882, Exp. 7/23/2023; 36-242376, 36-242377, Exp. 7/24/2023; 36-242603, 36-242618, Exp. 7/25/2023; 36-242643, 36-242644, 36-242645, Exp. 7/26/2023; 36-243534, 36-243535, Exp. 7/30/2023; 36-243831, Exp. 7/31/2023; 36-244831, 36-244833, 36-244841, 36-244842, 36-244845, 36-244855, Exp. 8/01/2023; 36-245803, Exp. 8/02/2023; 36-246288, 36-246289, 36-246290, 36-246291, 36-246369, Exp. 8/03/2023; 36-	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			246775, 36-246776, 36-246777, 36-246778, 36-246779, Exp. 8/07/2023; 36-248327, Exp. 8/13/2023; 36-249504, 36-249505, Exp. 8/18/2023; 36-249685, 36-249686, 36-249687, Exp. 8/20/2023; 36-249746, 36-249748, 36-249749, 36-249751, 36-249752, 36-249753, Exp. 8/21/2023; 36-250070, 36-250071, Exp. 8/22/2023; 36-250416, 36-250417, 36-250418, 36-250419, 36-250420, 36-250421, Exp. 8/23/2023; 36-251027, 36-251028, Exp. 8/24/2023; 36-251566, 36-251567, 36-251568, Exp. 8/28/2023; 36-251772, 36-251773, 36-251774, 36-251775, Exp. 8/29/2023; 36-252323, Exp. 8/31/2023		
vancomycin 1 g/250 mL added to 0.9% sodium chloride, 4 mg/mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6064-1	Class II	Drugs	Lot: 36-245576, Exp. 8/2/2023; 36-254436, 36-254442, Exp. 9/5/2023; 36-255131, Exp. 9/6/2023; 36-256045, Exp. 9/11/2023; 36-239523, Exp. 7/12/2023; 36-248987, Exp. 8/16/2023; 36-240797, Exp. 7/17/2023; 36-241979, Exp. 7/24/2023; 36-242705, Exp. 7/26/2023; 36-251733, 36-251738, Exp. 8/29/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
succinylcholine 200 mg/10 mL (20 mg/mL), Syringe, Rx only, this drug was repackaged by	Class II	Drugs	Lot: 36-238812, 36-238813, 36-238814, 36-238815, 36-238816, 36-	Lack of assurance of sterility. Validation	Central Admixture

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
CAPS Inc, 2200 South 43rd Avenue Pheonix, AZ, NDC 72196-6011-2.			238819, Exp. 7/10/2023; 36-239281, 36-239282, 36-239284, Exp. 7/11/2023; 36-239459, 36-239460, 36-239628, 36-239629, Exp. 7/12/2023; 36-239879, 36-239880, 36-239881, Exp. 7/13/2023; 36-240272, Exp. 7/16/2023; 36-240512, 36-240513, 36-240514, 36-240515, 36-240724, Exp. 7/17/2023; 36-240991, 36-240992, 36-240993, Exp. 7/18/2023; 36-241267, 36-241269, Exp. 7/19/2023; 36-241364, 36-241366, 36-241367, 36-241368, Exp. 7/20/2023; 36-241669, 36-241670, 36-241735, Exp. 7/21/2023; 36-242079, 36-242080, 36-242081, 36-242082, 36-242083, 36-242084, 36-242085, Exp. 7/24/2023; 36-242624, 36-242627, 36-242628, 36-242629, Exp. 7/26/2023; 36-243046, 36-243047, 36-243048, 36-243049, 36-243050, 36-243051, 36-243052, Exp. 7/27/2023; 36-243824, 36-243825, 36-243826, 36-243827, 36-243828, Exp. 7/31/2023; 36-244791, Exp. 8/01/2023; 36-245798, 36-245799, 36-245800, 36-245801, 36-245802, Exp. 8/02/2023; 36-246701, Exp. 8/06/2023; 36-249000, 36-249002, Exp. 8/16/2023; 36-249509, 36-	data for decontamination cycles is lacking.	Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			249515, Exp. 8/18/2023; 36-251029, 36-251030, 36-251031, Exp. 8/24/2023; 36-251327, 36-251328, 36-251331, Exp. 8/27/2023; 36-251825, 36-251826, 36-251827, Exp. 8/30/2023		
vancomycin 1.25 g/250 mL added to dextrose 5%, 5 mg/mL, IV Bag, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix AZ 85043, NDC: 72196-6073-1	Class II	Drugs	Lot: 36-245562, Exp. 8/2/2023; 36-254425, Exp. 9/5/2023; 36-255129, Exp. 9/6/2023; 36-238965, Exp. 7/10/2023; 36-256041, Exp. 9/11/2023; 36-241129, 36-241130, Exp. 7/19/2023; 36-241438, Exp. 7/20/2023; 36-242703, Exp. 7/26/2023; 36-243163, 36-243164, Exp. 7/27/2023; 36-251724, 36-251727, Exp. 8/29/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
dilTIAZem 125mg/125mL (1 mg/mL), added to dextrose 5%, IV Bag, RX only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-6054-1	Class II	Drugs	Lot: 36-243946, 36-243947, 36-243948, 36-243949, Exp. 7/11/2023; 36-255120, Exp. 8/17/2023; 36-246829, 36-246831, 36-246832, Exp. 7/18/2023; 36-255961, Exp. 8/21/2023; 36-256896, Exp. 8/25/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
glycopyrrolate 1 mg/5 mL (0.2 mg/mL), For Anesthesia Use, Syringe, RX ONLY, CAPS, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-6084-1	Class II	Drugs	Lot: 36-247022, Exp 08/07/2023; 36-239877, Exp 07/13/2023; 36-241448, Exp 07/20/2023; 36-251782, Exp 08/29/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
dilTIAZem 125mg/125mL (1 mg/mL), added to 0.9% sodium chloride, IV Bag, Rx Only,	Class II	Drugs	Lot: 36-244893, 36-244894, 36-244895, Exp. 7/12/2023; 36-246428,	Lack of assurance of sterility. Validation	Central Admixture

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-6055-1			36-246429, 36-246647, 36-246648, Exp. 7/14/2023; 36-254364, 36- 254365, 36-254366, 36-254367, 36- 254368, Exp. 8/15/2023; 36-246824, 36-246825, 36-246828, Exp. 7/18/2023; 36-256157, Exp. 8/21/2023; 36-256890, Exp. 8/25/2023.	data for decontamination cycles is lacking.	Pharmacy Services, Inc.
EPINEPHrine 4mg/250mL added to 0.9% sodium chloride, IV Bag, RX only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-8093-1.	Class II	Drugs	Lot: 36-239250, Exp. 7/10/2023; 36- 240225, Exp.7/16/2023; 36-241268, 36-241270, Exp. 7/19/2023; 36- 241443, Exp. 7/20/2023; 36-242436, 36-242439, Exp. 7/25/2023; 36- 241443, Exp. 7/20/2023; 36-242436, 36-242439, Exp. 7/25/2023; 36- 243517, 36-243738, Exp. 7/30/2023; 36-245656, Exp. 8/2/2023; 36-246154, 36-246169, 36-246672, 36-246673, 36-246674, Exp. 8/3/2023; 36-247015, 36-247016, 36-247017, Exp. 8/7/2023; 36-247339, 36-247341, 36-247342, 36-247343, Exp. 8/8/2023; 36-249466, 36-249467, Exp. 8/17/2023; 36- 249591, 36-249592, Exp. 8/18/2023; 36-251338, Exp. 8/27/2023; 36- 251940, Exp. 8/30/2023; 36-254371, 36-254372, 36-254373, 36-254375, Exp. 9/4/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
vancomycin 1.25 g/250 mL added to 0.9% Sodium Chloride, 5 mg/mL, IV Bag, Rx only,	Class II	Drugs	Lot: 36-254431, Exp. 9/5/2023; 36- 255125, 36-255126, 36-255127, Exp.	Lack of assurance of sterility. Validation	Central Admixture

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-6074-1			9/6/2023; 36-248083 Exp. 8/10/2023; 36-238973, 36-238980, Exp. 7/10/2023; 36-239520, Exp. 7/12/2023; 36-240087, Exp. 7/13/2023; 36-248979, 36-248980, 36-248981, Exp. 8/16/2023; 36- 240760, 36-240761, 36-240762, Exp. 7/17/2023; 36-240837, 36-240838, Exp. 7/18/2023; 36-241131, 36- 241132, Exp. 7/19/2023; 36-241436, Exp. 7/20/2023; 36-251065, Exp. 8/24/2023; 36-241980, Exp. 7/24/2023; 36-242707, Exp. 7/26/2023; 36-243153, 36-243155, 36-243156, Exp. 7/27/2023; 36- 252188, 36-252189, 36-252191, 36- 252192, 36-252198, 36-252201, Exp. 8/31/2023; 36-243951, Exp. 7/31/2023.	data for decontamination cycles is lacking.	Pharmacy Services, Inc.
Cardioplegia Solution del Nido Formula, IV Bag, Total Volume = 1,052.8 mL, FOR INTRACARDIAC PERFUSION USE ONLY, PLASMA-LYTE A 1000 mL, Mannitol 20% 16.3 mL, Sodium Bicarbonate 8.4% 13 mL, Potassium Chloride 2 mEq/mL 13 mL, Magnesium Sulfate 4.06 mEq/mL 4 mL, Lidocaine 2% 6.5 mL, Approx. Osmolarity 386 mOsm/L, Rx Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd	Class II	Drugs	Lot: 36-252365, 36-252368, 36- 252369, 36-253887, 36-253888, Exp. 8/1/2023; 36-254404, 36-254406, 36- 254407, 36-254408, 36-254409, 36- 254410, Exp. 8/5/2023; 36-255219, 36-255220, 36-255221, 36-255222, 36-255223, Exp. 8/7/2023; 36-255420, 36-255421, 36-255422, 36-255424, 36-255425, 36-255453, 36-255454, 36-255731, Exp. 8/8/2023; 36-247605, 36-247608, 36-247609, 36-247610,	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
Avenue, Phoenix, AZ 85043, NDC: 72196-0202-1			Exp. 7/10/2023; 36-255880, 36-255881, 36-255882, 36-255883, 36-255884, 36-255885, 36-255887, 36-256004, Exp. 8/11/2023; 36-247819, 36-247820, 36-247821, 36-247822, Exp. 7/11/2023; 36-256108, 36-256109, 36-256110, 36-256111, 36-256112, 36-256113, Exp. 8/12/2023; 36-248139, 36-248142, 36-248143, 36-248144, Exp. 7/12/2023; 36-256326, 36-256327, 36-256328, 36-256329, 36-256330, 36-256331, Exp. 8/13/2023; 36-256701, 36-257025, Exp. 8/14/2023; 36-248303, 36-248304, 36-248305, 36-248306, 36-248316, Exp. 7/14/2023; 36-248509, 36-248511, 36-248513, 36-248514, Exp. 7/15/2023; 36-248815, 36-248816, 36-248817, 36-248818, Exp. 7/16/2023; 36-248962, 36-248964, 36-248966, Exp. 7/17/2023; 36-249216, 36-249220, 36-249222, Exp. 7/18/2023; 36-249575, 36-249576, 36-249577, Exp. 7/19/2023; 36-249631, 36-249632, Exp. 7/21/2023; 36-249836, Exp. 7/22/2023; 36-250033, 36-250034, 36-250035, Exp. 7/23/2023; 36-250388, 36-250391, Exp. 7/24/2023; 36-251697, 36-251699, 36-251700, Exp. 7/30/2023;		

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			36-252078, 36-252079, 36-252080, Exp. 7/31/2023.		
EPINEPHrine, 2 mg added to dextrose 5% 250mL, Concentration = 8 mcg/mL, IV Bag, Rx Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-6030-1.	Class II	Drugs	Lot: 36-251702, Exp. 8/29/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
EPINEPHrine added to dextrose 5%, 4mg/250ml, IV Bag, Rx Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-7018-1.	Class II	Drugs	Lot: 36-239245, Exp. 7/10/2023; 36-241047, Exp. 7/18/2023; 36-241440, 36-241441, 36-241442, Exp. 7/20/2023; 36-242432, Exp. 7/25/2023; 36-243662, Exp. 7/30/2023; 36-246152, 36-246153, 36-246158, Exp. 8/3/2023; 36-246730, 36-246731, 36-246732, Exp. 8/6/2023; 36-247332, 36-247334, 36-247337, Exp. 8/8/2023; 36-249469, Exp. 8/17/2023; 36-249589, Exp. 8/18/2023; 36-250300, Exp. 8/23/2023; 36-251335, Exp. 8/27/2023; 36-254370, Exp. 9/4/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
EPINEPHrine 8mg/250ml added to dextrose 5%, 32 mcg/mL, IV Bag, Rx Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-7019-1.	Class II	Drugs	Lot: 36-240224, Exp. 7/16/2023; 36-242322, EXP. 7/24/2023; 36-242445, Exp. 7/25/2023; 36-243305, Exp. 7/27/2023; 36-243813, Exp. 7/31/2023; 36-246166, 36-246167, Exp. 8/3/2023; 36-247670, Exp. 8/9/2023; 36-248992, Exp.8/16/2023; 36-249468, Exp. 8/17/2023; 36-249590, Exp.8/18/2023; 36-251336,	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			36-251644, Exp. 8/27/2023; 36-251461, Exp. 8/28/2023; 36-255531, 36-255532, Exp. 9/7/2023.		
PHENYLEphrine, 10mg/250ml added to 0.9% sodium chloride, 40mcg/mL, IV Bag, Rx Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-6058-1.	Class II	Drugs	Lot: 36-239333, Exp. 7/11/2023; 36-240005, Exp. 7/13/2023; 36-240800, Exp. 7/17/2023; 36-241139, 36-241140, Exp. 7/19/2023; 36-241913, Exp.7/23/2023; 36-242557, 36-242560, Exp. 7/25/2023; 36-244880, 36-244883, 36-244884, 36-244885, Exp. 8/1/2023; 36-246717, 36-246718, 36-246719, 36-246720, Exp.8/6/2023; 36-247598, 36-247599, Exp. 8/9/2023; 36-247828, 36-247829, 36-247830, 36-247831, Exp. 8/10/2023; 36-249233, 36-249234, 36-249235, 36-249344, Exp. 8/17/2023; 36-255964, Exp. 9/10/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
PHENYLEphrine 20mg/250ml added to 0.9% sodium chloride, IV Bag, Rx Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-7025-1.	Class II	Drugs	Lot:36-239194, 36-239195, Exp.7/10/2023; 36-240009, Exp. 7/13/2023; 36-240799, Exp.7/17/2023; 36-241147, 36-241148, Exp. 7/19/2023; 36-241740, 36-241741, Exp. 7/21/2023; 36-242562, Exp. 7/25/2023; 36-243531, Exp. 7/30/2023; 36-244886, 36-244961, Exp. 8/1/2023; 36-246713, 36-246714, 36-24671, 536-246716, Exp. 8/6/2023; 36-247344, 36-247345, 36-247347, 36-247348, 36-247349,	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			36-247350, Exp. 8/8/2023; 36-247823, 36-247824, 36-247825, 36-247826, Exp. 8/10/2023; 36-248356, 36-248358, Exp. 8/11/2023; 36-249226, Exp. 8/17/2023; 36-251966, Exp. 8/30/2023.		
phenylephrine, 25mg added to 0.9% sodium chloride 250 mL, IV Bag, Rx Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-7011-1.	Class II	Drugs	Lot: 36-249691, 36-249692, Exp. 8/20/2023; 36-250052, 36-250053, Exp. 8/22/2023; 36-251062, Exp. 8/24/2023; 36-251992, Exp. 8/30/2023; 36-252467, Exp. 9/3/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
PHENYLEphrine, 40mg/250ml, added to 0.9% sodium chloride, IV Bag, Rx Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-6092-1.	Class II	Drugs	Lot: 36-240803, Exp. 7/17/2023; 36-241149, Exp. 7/19/2023; 36-241912, Exp. 7/23/2023; 36-243527, 36-243529, Exp. 7/30/2023; 36-244889, 36-244890, 36-244891, Exp. 8/1/2023; 36-246709, 36-246710, 36-246711, 36-246712, Exp. 8/6/2023; 36-247014, Exp. 8/7/2023; 36-247611, 36-247614, 36-247616, 36-247629, 36-247631, 36-247640, Exp. 8/9/2023; 36-248282, 36-248283, 36-248285, Exp. 8/13/2023; 36-249217, 36-249219, 36-249221, 36-249223, Exp. 8/17/2023; 36-251389, 36-251390, 36-251391, Exp. 8/27/2023; 36-251512, Exp. 8/28/2023; 36-251971, 36-251973, Exp. 8/30/2023; 36-252468, Exp. 9/3/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
<p>phenylephrine 50 mg added to 0.9% sodium chloride 250mL, CONCENTRATION = 200mcg/mL, IV Bag, Rx Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043. NDC:72196-7039-1</p>	Class II	Drugs	Lot: 36-251703, Exp. 8/28/2023; 36-251704, Exp. 8/29/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
<p>PHENYLephrine 1,000 mcg/10mL, (100mcg/mL) in 0.9% sodium chloride, Syringe, Rx Only, CAPS, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-6009-1</p>	Class II	Drugs	<p>Lot: 36-239063, 36-239064, 36-239065, 36-239066, 36-239067, 36-23906, 736-239068, 36-239069, 36-239204, Exp. 7/10/2023; 36-239196, 36-239197, 36-239198, 36-239199, 36-239200, 36-239201, 36-239202, 36-239203, 36-239205, 36-239206, Exp. 7/11/2023; 36-239483, 36-239487, 36-239488, 36-239489, 36-239490, 36-239639, 36-239640, 36-239641, Exp. 7/12/2023; 36-239788, 36-239789, 36-239790, 36-239793, 36-239797, 36-239798, Exp. 7/13/2023; 36-240139, 36-240140, 36-240141, 36-240142, 36-240143, Exp. 7/16/2023; 36-240319, 36-240320, 36-240321, 36-240322, 36-240812, Exp. 7/17/2023; 36-241074, 36-241075, 36-241076, 36-241077, Exp. 7/18/2023; 36-241136, Exp. 7/19/2023; 36-241357, 36-241358, 36-241359, 36-241372, 36-241373, Exp. 7/20/2023; 36-241715, 36-241718, 36-241719, 36-241720, 36-</p>	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			241721, 36-241723, 36-241850, Exp. 7/21/2023; 36-241918, 36-241919, 36-241920, 36-242184, Exp. 7/23/2023; 36-241993, 36-241994, 36-241995, 36-241997, Exp. 7/24/2023; 36-242402, 36-242403, 36-242404, 36-242405, 36-242406, 36-242913, Exp. 7/25/2023; 36-242630, 36-242631, 36-242632, 36-242633, 36-242634, Exp. 7/26/2023; 36-242799, 36-242800, 36-242801, 36-242802, 36-242803, 36-242806, Exp. 7/27/2023; 36-243537, 36-243538, 36-243539, Exp. 7/30/2023; 36-243820, 36-243822, 36-244311, 36-243819, Exp. 7/31/2023; 36-244877, 36-244878, 36-244879, 36-245572, 36-245574, Exp. 8/1/2023; 36-245805, 36-246140, 36-246141, 36-246142, 36-246143, Exp. 8/2/2023; 36-246292, 36-246293, 36-246294, 36-246295, 36-246296, 36-246297, Exp. 8/3/2023; 36-246696, 36-246697, 36-246700, 36-246702, Exp. 8/6/2023; 36-246780, 36-246781, 36-246782, 36-246784, 36-247058, Exp. 8/7/2023; 36-248214, 36-248217, 36-248223, 36-248230, 36-248235, Exp. 8/13/2023; 36-248996, 36-249236, Exp. 8/16/2023; 36-249321, 36-		

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			249322, 36-249323, Exp. 8/17/2023; 36-249516, 36-249517, Exp. 8/18/2023; 36-249737, 36-249741, 36-249742, 36-249743, 36-249744, 36-249745, Exp. 8/21/2023; 36-250073, 36-250075, 36-250076, Exp. 8/22/2023; 36-251191, 36-251192, 36-251193, Exp. 8/24/2023; 36-251611, 36-251612, Exp. 8/28/2023; 36-252326, 36-252328, Exp. 8/31/2023; 36-254328, 36-254330, 36-254334, Exp. 9/4/2023; 36-254948, 36-254949, 36-254950, 36-254951, 36-254952, 36-254954, 36-254955, Exp. 9/6/2023; 36-255633, 36-255635, 36-255636, Exp. 9/7/2023.		
vancomycin 1.5 g/250 mL added to 0.9% sodium chloride, 6 mg/mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6076-1	Class II	Drugs	Lot: 36-239524, Exp. 7/12/2023; 36-240843, Exp. 7/18/2023; 36-241437, Exp. 7/20/2023; 36-242698, Exp. 7/26/2023; 36-243152, Exp. 7/27/2023; 36-245567, Exp. 8/2/2023; 36-251063, Exp. 8/24/2023; 36-252193, Exp. 8/31/2023; 36-255122, 36-255123, 36-255124, Exp. 9/6/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
vancomycin 1.5 g/500 mL added to 0.9% sodium chloride, 3 mg/mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6176-1	Class II	Drugs	Lot: 36-238968, 36-238985, 36-238992, 36-238998, Exp. 7/10/2023; 36-240784, 36-240785, 36-240786, 36-240787, Exp. 7/17/2023; 36-240840, 36-240842, Exp. 7/18/2023; 36-243157, Exp. 7/27/2023; 36-	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			243953, Exp. 7/31/2023; 36-251050, 36-251051, 36-251059, Exp. 8/24/2023; 36-252196, 36-252197, 36-252200, Exp. 8/31/2023; 36-254418, Exp. 9/5/2023; 36-256916, Exp. 9/13/2023.		
vancomycin 1.5 g/250mL added to 5% dextrose, 6 mg/mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6075-1	Class II	Drugs	Lot: 36-239516, 36-239517, Exp. 7/12/2023; 36-239989, Exp. 7/13/2023; 36-240798, Exp. 7/17/2023; 36-241133, Exp. 7/19/2023; 36-241981, Exp. 7/24/2023; 36-242717, Exp. 7/26/2023; 36-245577, Exp. 8/2/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
vancomycin 1.75g added to 0.9% sodium chloride 500mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-7060-1	Class II	Drugs	Lot: 36-239519, 36-239518, Exp. 7/12/2023; 36-239992, Exp. 7/13/2023; 36-240844, Exp. 7/18/2023; 36-241983, Exp. 7/24/2023; 36-243151, Exp. 7/27/2023; 36-243950, Exp. 7/31/2023; 36-245538, 36-245544, Exp. 8/2/2023; 36-247881, Exp. 8/10/2023; 36-251053, Exp. 8/24/2023; 36-251707, 36-251714, Exp. 8/29/2023; 36-255496, 36-255497, 36-255498, 36-255499, Exp. 9/7/2023; 36-256320, 36-256322, Exp. 9/12/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
vancomycin 2 g/500 mL added to 0.9% Sodium Chloride, 4 mg/mL, IV Bag, Rx only, Central Admixture Pharmacy Services, Inc.,	Class II	Drugs	Lot: 36-239526, Exp. 7/12/2023; 36-239993, Exp. 7/13/2023; 36-240796, Exp. 7/17/2023; 36-241982, Exp.	Lack of assurance of sterility. Validation data for	Central Admixture

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-6078-1			7/24/2023; 36-242696, Exp. 7/26/2023; 36-243161, Exp. 7/27/2023; 36-243954, Exp. 7/31/2023; 36-245534, Exp. 8/2/2023; 36-247885, Exp. 8/10/2023; 36-248977, 36-249137, Exp. 8/16/2023; 36-251052, Exp. 8/24/2023; 36-251705, 36-251706, Exp. 8/29/2023; 36-252190, Exp. 8/31/2023; 36-255490, 36-255492, 36-255494, Exp. 9/7/2023.	decontamination cycles is lacking.	Pharmacy Services, Inc.
vancomycin 750 mg/250 mL added to 0.9% Sodium Chloride, (3 mg/mL), IV Bag, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Phoenix, AZ 85043, NDC: 72196-6071-1	Class II	Drugs	Lot: 36-239990, Exp. 7/13/2023; 36-240839, Exp. 7/18/2023; 36-242706, Exp. 7/26/2023; 36-243952, Exp. 7/31/2023; 36-253889, Exp. 8/31/2023; 36-255691, Exp. 9/7/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
oxyTOCIN 10 units added to Lactated Ringer's 500 mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6036-1	Class II	Drugs	Lot: 36-246733, Exp. 7/12/2023; 36-247777, 36-247779, Exp. 7/15/2023; 36-250334, Exp. 7/29/2023; 36-251383, 36-251384, Exp. 8/2/2023; 36-251990, Exp. 8/5/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
oxyTOCIN 15 units added to 0.9% sodium chloride 250 mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6042-1	Class II	Drugs	Lot: 36-241662, Exp. 7/20/2023; 36-242725, Exp. 7/26/2023; 36-243607, Exp. 7/30/2023; 36-243837, 36-243838, Exp. 7/31/2023; 36-245517, 36-245523, 36-245525, 36-245662, Exp. 8/2/2023; 36-247254, 36-247255, Exp. 8/8/2023; 36-247983, Exp. 8/10/2023; 36-254917, Exp. 9/5/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
heparin 2500 units added to 0.9% sodium chloride 250mL, CONCENTRATION = 10 units/mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-8000-1	Class II	Drugs	Lot: 36-249694, 36-249695, Exp. 7/31/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
oxyTOCIN 15 units added to Lactated Ringer's 250 mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC:72196-6037-1	Class II	Drugs	Lot: 36-247802, 36-247803, Exp. 7/15/2023; 36-254395, Exp. 8/10/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
oxyTOCIN 20 units added to 0.9% sodium chloride 1,000 mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6043-1	Class II	Drugs	Lot: 36-239496, Exp. 7/12/2023; 36-240256, Exp. 7/17/2023; 36-241134, Exp. 7/19/2023; 36-241928, Exp. 7/23/2023; 36-243835, Exp. 7/31/2023; 36-245010, 36-245011, Exp. 8/1/2023; 36-245529, 36-245532, Exp. 8/2/2023; 36-246255, 36-246256, 36-246258, 36-246259, Exp. 8/3/2023; 36-247806, Exp. 8/9/2023; 36-248035, Exp. 8/10/2023; 36-248367, Exp. 8/11/2023; 36-249506, 36-249507, 36-249508, Exp. 8/18/2023; 36-251436, 36-251437, Exp. 8/28/2023; 36-254396, Exp. 9/4/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
heparin 2500 units/500mL added to 0.9% sodium chloride 5 units/mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-8100-1	Class II	Drugs	Lot: 36-243815, 36-243816, Exp. 7/11/2023; 36-247675, 36-247676, Exp. 7/20/2023; 36-247837, Exp. 7/21/2023; 36-248988, 36-248989, Exp. 7/27/2023; 36-249594, 36-	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			249595, Exp. 7/29/2023; 36-249833, Exp. 8/1/2023; 36-251054, 36-251055, 36-251056, Exp. 8/4/2023; 36-251943, 36-251951, 36-251961, Exp. 8/10/2023; 36-254376, 36-254377, 36-254378, Exp. 8/15/2023; 36-254689, 36-254691, 36-254692, Exp. 8/16/2023; 36-255493, Exp. 8/18/2023; 36-255945, 36-255946, 36-255957, Exp. 8/21/2023.		
heparin 4000 units/1000mL added to 0.9% sodium chloride, 4 units/mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-7022-1	Class II	Drugs	Lot: 36-243555, 36-243556, Exp. 7/10/2023; 36-245117, 36-245118, 36-245119, 36-245120, Exp. 7/12/2023; 36-246163, 36-246164, Exp. 7/14/2023; 36-247010, Exp. 7/18/2023; 36-248226, 36-248229, 36-248232, 36-248248, Exp. 7/24/2023; 36-249829, 36-249830, 36-249831, 36-249832, Exp. 8/1/2023; 36-250047, 36-250048, 36-250049, 36-250050, Exp. 8/2/2023; 36-250289, 36-250290, 36-250291, 36-250293, Exp. 8/3/2023; 36-251057, 36-251058, 36-251060, Exp. 8/4/2023; 36-251385, 36-251386, 36-251387, 36-251388, Exp. 8/7/2023; 36-251448, 36-251449, 36-251450, Exp. 8/8/2023; 36-252462, Exp. 8/14/2023; 36-254679, 36-254681, Exp. 8/16/2023; 36-255116, 36-255117, 36-255118, Exp.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			8/17/2023; 36-255488, Exp. 8/18/2023.		
heparin 5000 units/500mL added to 0.9% sodium chloride, 10 units/mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-7023-1	Class II	Drugs	Lot: 36-246161, Exp. 7/14/2023; 36-247002, 36-247006, 36-247007, Exp. 7/18/2023; 36-247673, 36-247674, Exp. 7/20/2023; 36-247832, 36-247833, 36-247835, 36-247836, Exp. 7/21/2023; 36-248991, Exp. 7/27/2023; 36-249593, Exp. 7/29/2023; 36-250046, Exp. 8/2/2023; 36-251444, 36-251445, 36-251446, 36-251447, Exp. 8/8/2023; 36-251968, Exp. 8/10/2023; 36-254379, 36-254380, Exp. 8/15/2023; 36-254684, Exp. 8/16/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 6%/Dextrose 10% with low calcium and HEPARIN, IV Bag, Total Volume = 250mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0430-1	Class II	Drugs	Lot: 36-252367, Exp. 7/17/2023; 36-256528, Exp. 7/29/2023;	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
heparin 7500 units added to 0.9% sodium chloride 1000mL, CONCENTRATION = 7.5 units/mL, IV Bag, Rx only, Cental Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-7009-1	Class II	Drugs	Lot: 36-256245, 36-256249 Exp. 8/23/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
neostigmine 5 mg/5mL (1mg/mL) Syringe, Rx only, This drug was repacked by CAPS, Inc.,	Class II	Drugs	Lot: 36-239285, 36-239287, Exp. 7/11/2023; 36-239456, Exp. 7/12/2023; 36-239873, Exp.	Lack of assurance of sterility. Validation data for	Central Admixture

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6065-1			7/13/2023; 36-240994, 36-240995, 36-240996, 36-240997, Exp. 7/18/2023; 36-241447, Exp. 7/20/2023, 36-242407, 36-242408, Exp. 7/25/2023; 36-246298, Exp. 8/3/2023; 36-248998, Exp. 8/16/2023; 36-251613, Exp. 8/28/2023; 36-251781, Exp. 8/29/2023.	decontamination cycles is lacking.	Pharmacy Services, Inc.
oxyTOCIN, 20 units added to dextrose 5%/lactated ringers 1000 mL, IV Bag, Rx Only, This drug was repacked by CAPS, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6031-1	Class II	Drugs	Lot: 36-249711, Exp. 8/20/2023; 36-250340, Exp. 8/23/2023; 36-251645, Exp. 8/27/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
oxyTOCIN 20 units added to Lactated Ringer's 1000 mL, IV Bag, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6038-1	Class II	Drugs	Lot: 36-247256, 36-247525, 36-247259, Exp. 7/14/2023; 36-247782, 36-247784, Exp. 7/15/2023; 36-247980, Exp. 7/16/2023; 36-248274, 36-248275, Exp. 7/19/2023; 36-248732, 36-248733, 36-248734, 36-248735, Exp. 7/21/2023; 36-248971, 36-248990, Exp. 7/22/2023; 36-249510, 36-249511, 36-249512, Exp. 7/24/2023; 36-249722, 36-249723, Exp. 7/26/2023; 36-251196, 36-251198, Exp. 7/30/2023; 36-251431, 36-251432, 36-251433, Exp. 8/3/2023; 36-251985, 36-251986, 36-251987, 36-251989, Exp. 8/5/2023; 36-256901,	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			36-256902, 36-256903, 36-256904, 36-256906, Exp. 8/20/2023		
Neonatal TPN Starter Bag, Amino Acids (trophamine) 2%/Dextrose 10%, Total Volume = 250mL, IV Bag, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0400-1	Class II	Drugs	Lot: 36-251458, Exp. 7/14/2023; 36-251695, Exp. 7/15/2023; 36-256027, Exp. 7/28/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
oxyTOCIN 30 units added to 0.9% sodium chloride 500 mL, IV Bag, Rx only, This drug was repacked by CAPS, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6044-1	Class II	Drugs	Lot: 36-238820, 36-238821, 36-238822, 36-238824, 36-238825, Exp. 7/10/2023; 36-239686, 36-239687, 36-239688, 36-239689, 36-239690, 36-239691, 36-239692, 36-239693, 36-239696, 36-239697, 36-239699, 36-239700, Exp. 7/12/2023; 36-239915, 36-239916, 36-239917, 36-239918, 36-239919, 36-239922, 36-239923, Exp. 7/13/2023; 36-240165, 36-240168, 36-240170, 36-240171, 36-240173, 36-240174, Exp. 7/16/2023; 36-240260, 36-240261, 36-240262, Exp. 7/17/2023; 36-240823, 36-240824, 36-240826, 36-240827, 36-240828, 36-240829, 36-240830, 36-240831, 36-240832, 36-240833, 36-240834, Exp. 7/18/2023; 36-241141, 36-241142, 36-241143, 36-241144, 36-241145, 36-241146, 36-241439, Exp. 7/19/2023; 36-241511, 36-241515, 36-241517, 36-	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			241518, 36-241523, 36-241526, 36-241528, Exp. 7/20/2023; 36-241671, 36-241672, 36-241673, 36-241675, 36-241677, 36-241679, 36-241682, 36-241684, 36-241689, Exp. 7/21/2023; 36-241824, 36-241826, 36-241827, 36-241828, 36-241829, 36-241830, 36-241833, 36-241835, 36-241837, 36-241839, 36-241841, 36-241843, 36-241844, 36-241845, 36-241846, Exp. 7/23/2023; 36-241998, 36-242000, 36-242002, 36-242005, 36-242009, 36-242026, 36-242037, 36-242040, 36-242209, 36-242208, Exp. 7/24/2023; 36-242421, 36-242427, 36-242431, 36-242442, 36-242447, 36-242456, 36-242464, 36-242465, Exp. 7/25/2023; 36-242708, 36-242712, 36-243054, Exp. 7/26/2023; 36-243154, 36-243158, 36-243160, 36-243175, 36-243204, 36-243647, 36-243648, Exp. 7/27/2023; 36-243548, 36-243549, Exp. 7/30/2023; 36-243840, 36-243841, Exp. 7/31/2023; 36-245111, 36-245014, 36-245015, 36-245109, 36-245110, 36-245113, 36-245114, 36-245116, Exp. 8/1/2023; 36-245569, 36-245570, 36-245573, 36-245575, 36-246366, 36-246367, Exp. 8/2/2023;		

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			36-246226, 36-246229, 36-246237, 36-246251, 36-246617, 36-246643, Exp. 8/3/2023; 36-246594, 36-246595, 36-246596, 36-246597, 36-246612, 36-246613, 36-246614, 36-246616, 36-246681, 36-246683, 36-246684, 36-246685, 36-246686, 36-246687, 36-246689, Exp. 8/6/2023; 36-246842, 36-246847, 36-246848, 36-246849, 36-246850, 36-246853, 36-246855, 36-246881, Exp. 8/7/2023; 36-247243, 36-247245, 36-247246, 36-247248, 36-247249, 36-247250, 36-247251, 36-247252, 36-247253, Exp. 8/8/2023; 36-247600, 36-247601, 36-247602, 36-247603, 36-247604, 36-247606, 36-247692, 36-247694, 36-247695, 36-247696, 36-247697, 36-247698, 36-247699, Exp. 8/9/2023; 36-248365, 36-248366, Exp. 8/11/2023; 36- 248212, 36-248231, 36-248236, 36- 248238, 36-248240, 36-248241, 36- 248243, Exp. 8/13/2023; 36-248510, 36-248515, 36-248518, Exp. 8/14/2023; 36-248729, 36-248730, 36-248872, 36-248873, 36-248875, 36-248878, 36-248879, 36-248876, Exp. 8/15/2023; 36-248949, 36- 248952, 36-248953, 36-248954, 36- 248955, 36-248957, 36-248959, 36-		

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			248967, 36-248968, 36-248969, 36-248970, Exp. 8/16/2023; 36-249326, 36-249327, 36-249328, 36-249329, 36-249330, 36-249331, 36-249332, 36-249333, 36-249334, 36-249335, 36-249336, 36-249337, 36-249338, Exp. 8/17/2023; 36-249666, 36-249667, 36-249668, 36-249670, Exp. 8/20/2023; 36-249725, 36-249726, 36-249729, 36-249730, 36-249731, 36-249732, 36-249733, 36-249734, 36-249735, 36-249740, Exp. 8/21/2023; 36-249989, 36-249990, 36-249994, 36-250229, 36-250423, Exp. 8/22/2023; 36-250430, 36-250431, 36-250432, 36-250434, 36-250436, 36-250437, 36-250968, 36-250969, 36-250970, 36-250971, 36-250972, 36-250973, 36-250974, 36-250975, Exp. 8/23/2023; 36-251032, 36-251033, 36-251034, 36-251035, 36-251036, 36-251037, 36-251038, 36-251039, 36-251040, 36-251041, 36-251042, 36-251044, 36-251045, Exp. 8/24/2023; 36-251414, 36-251415, 36-251417, 36-251418, 36-251419, 36-251420, 36-251421, 36-251422, 36-251423, 36-251424, 36-251425, 36-251426, 36-251427, 36-251428, 36-251429, 36-251430, Exp.		

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			8/28/2023; 36-251729, 36-251731, 36-251754, 36-251755, 36-251756, 36-251757, 36-251759, 36-251760, 36-251761, 36-251762, 36-251763, 36-251764, 36-251758, Exp. 8/29/2023; 36-251945, 36-251952, 36-251959, 36-251963, 36-251967, 36-251970, 36-251978, 36-251983, 36-251977, Exp. 8/30/2023; 36-254467, 36-254474, 36-254482, 36-254499, 36-254503, 36-254508, 36-254511, 36-254516, 36-254520, 36-254524, 36-255281, Exp. 9/5/2023; 36-254930, 36-254931, 36-254932, 36-254933, 36-254934, 36-254935, 36-254936, Exp. 9/6/2023; 36-255615, Exp. 9/7/2023		
NORepinephrine 4 mg/250 mL added to 0.9% sodium chloride 16 mcg/mL, IV Bag, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-8097-1	Class II	Drugs	Lot: 36-241043, 36-241044, 36-241045, 36-241046, Exp. 7/18/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
norepinephrine, 16 mg, added to dextrose 5% 250 mL, IV Bag, CONCENTRATION 64 mcg/mL, Rx Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC 72196-8095-1	Class II	Drugs	Lot: 36-257069, Exp. 9/14/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
potassium phosphate 15 mmole added to 0.9% sodium Chloride 250 mL, IV Bag, RX	Class II	Drugs	Lot: 36-239332, Exp. 7/11/2023; 36-241113, Exp. 7/18/2023; 36-242467,	Lack of assurance of sterility. Validation	Central Admixture

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6060-1			7/25/2023; 36-243530, 36-243659, Exp. 7/30/2023; 36-244888, 8/1/2023, 36-245657, 36-245658, Exp. 8/2/2023; 36-246835, Exp. 8/7/2023; 36-247595, Exp. 8/9/2023; 36-248736, Exp. 8/15/2023; 36-248984, 36-248985, Exp. 8/16/2023; 36-250054, 36-250055, 36-250056, 36-250057, 36-250058, Exp. 8/22/2023; 36-251046, 36-251047, 36-251048, 36-251049, Exp. 8/24/2023; 36-251975, Exp. 8/30/2023; 36-255877, 36-255878, 36-255879, Exp. 9/10/2023.	data for decontamination cycles is lacking.	Pharmacy Services, Inc.
potassium phosphate, 30 mmole added to 0.9% sodium Chloride 500mL, IV Bag, RX Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-7016-1	Class II	Drugs	Lot: 36-256240, Exp.9/12/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 2%/Dextrose 10% with **low calcium** and HEPARIN, IV Bag, total volume = 250mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0425-1	Class II	Drugs	Lot: 36-254923, Exp. 7/22/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 2%/Dextrose 10% with CALCIUM, total volume = 250mL, IV Bag, Rx only, Central Admixture Pharmacy Services,	Class II	Drugs	Lot: 36-254911, Exp. 7/22/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0401-1					
Neonatal TPN Starter Bag, Amino Acids (trophamine) 2%/Dextrose 10% with CALCIUM and HEPARIN, total volume = 250mL, IV Bag, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0416-1	Class II	Drugs	Lot: 36-254909, Exp. 7/22/2023; 36-256333, Exp. 7/29/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (Trophamine) 2%/Dextrose 5% with CALCIUM and HEPARIN, total volume = 250mL, IV Bag, Rx Only, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0415-1	Class II	Drugs	Lot: 36-251453, Exp. 7/14/2023; 36-252361, Exp. 7/17/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 2.5%/Dextrose 10%, total volume = 250mL, IV Bag, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0402-1	Class II	Drugs	Lot: 36-254910, Exp. 7/22/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (Trophamine) 2.5%/Dextrose 10% with CALCIUM and HEPARIN, total volume = 250mL, IV Bag, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0418-1	Class II	Drugs	Lot: 36-251202, Exp. 7/10/2023; 36-252135, Exp. 7/16/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
Neonatal TPN Starter Bag, Amino Acids (Trophamine) 3%/Dextrose 10%, total volume = 250mL, IV Bag, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0404-1	Class II	Drugs	Lot: 36-251326, Exp. 7/13/2023; 36-251451, Exp. 7/14/2023; 36-254915, Exp. 7/22/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 3%/Dextrose 10% with **low calcium** and HEPARIN, IV Bag, total volume = 250mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0428-1	Class II	Drugs	Lot: 36-251195, Exp. 7/10/2023; 36-252139, Exp. 7/16/2023; 36-252363, Exp. 7/17/2023; 36-254922, Exp. 7/22/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 3%/Dextrose 10% with CALCIUM, total volume = 250mL, IV Bag, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0405-1	Class II	Drugs	Lot: 36-251696, Exp. 7/15/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 3%/Dextrose 10% with CALCIUM and HEPARIN, IV Bag, total volume = 250mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0420-1	Class II	Drugs	Lot: 36-251200, 36-251209, Exp. 7/10/2023; 36-252140, Exp. 7/16/2023; 36-256334, 36-256335, Exp. 7/29/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 3%/Dextrose 5% with **low calcium** and HEPARIN, IV Bag, total volume = 250mL, Rx only, Central Admixture	Class II	Drugs	Lot: 36-252082, Exp. 7/16/2023; 36-254925, Exp. 7/22/2023.	Lack of assurance of sterility. Validation data for	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0427-1				decontamination cycles is lacking.	
Neonatal TPN Starter Bag, Amino Acids (trophamine) 3%/Dextrose 5% with CALCIUM, total volume = 250mL, IV Bag, Rx Only, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0413-1	Class II	Drugs	Lot: 36-256336, Exp. 7/29/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
oxyTOCIN 30 units added to dextrose 5%/lactated ringers 500 mL, IV Bag, Rx Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6032-1	Class II	Drugs	Lot: 36-249712, Exp. 8/20/2023; 36-250059, Exp. 8/22/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 3%/Dextrose 5% with CALCIUM and HEPARIN, IV Bag, total volume = 250mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043. NDC: 72196-0419-1	Class II	Drugs	Lot: 36-251207, Exp. 7/10/2023; 36-256337, Exp. 7/29/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 3.5%/Dextrose 10% with **low calcium** and HEPARIN, IV Bag, total volume = 250mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0429-1	Class II	Drugs	Lot: 36-251203, Exp. 7/10/2023; 36-254924, Exp. 7/22/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 3.5%/Dextrose 10%, total volume = 250mL, IV Bag, Rx only, Central	Class II	Drugs	Lot: 36-256338, Exp. 7/29/2023.	Lack of assurance of sterility. Validation data for	Central Admixture

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0406-1				decontamination cycles is lacking.	Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 3.5%/Dextrose 10% with CALCIUM, total volume = 250mL, IV Bag, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043,NDC: 72196-0407-1	Class II	Drugs	Lot: 36-251206, Exp. 7/10/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (Trophamine) 3.5%/Dextrose 10% with CALCIUM and HEPARIN, IV Bag, total volume = 250mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0421-1	Class II	Drugs	Lot: 36-254913, Exp. 7/22/2023; 36-256706, 7/30/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 3.5%/Dextrose 10% with HEPARIN, IV Bag, total volume = 250mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0431-1	Class II	Drugs	Lot: 36-251452, Exp. 7/14/2023; 36-254918, Exp. 7/22/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 4%/Dextrose 10%, total volume = 250mL, IV Bag, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0408-1	Class II	Drugs	Lot: 36-251201, Exp. 7/10/2023; 36-254907, Exp. 7/22/2023; 36-256030, Exp. 7/28/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 4%/Dextrose 10% with	Class II	Drugs	Lot: 36-251208, Exp. 7/10/2023; 36-252137, Exp. 7/16/2023; 36-254920,	Lack of assurance of sterility. Validation	Central Admixture

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
CALCIUM and HEPARIN, IV Bags, total volume = 250mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0422-1			36-254926, Exp. 7/22/2023; 36-256529, Exp. 7/29/2023.	data for decontamination cycles is lacking.	Pharmacy Services, Inc.
oxyTOCIN 30 units added to Lactated Ringer's 500 mL, IV Bag, Rx only, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-6039-1	Class II	Drugs	Lot: 36-247353, Exp. 7/13/2023; 36-247260, 36-247261, 36-247262, Exp. 7/14/2023; 36-248215, 36-248218, 36-248222, Exp. 7/19/2023; 36-248861, 36-248862, 36-248863, 36-248865, Exp. 7/21/2023; 36-249513, 36-249514, 36-249659, 36-249693, Exp. 7/24/2023; 36-249661, 36-249662, 36-249663, 36-249664, 36-249665, Exp. 7/26/2023; 36-249750, 36-249754, 36-249755, 36-249756, 36-249757, Exp. 7/27/2023; 36-249995, 36-249996, 36-249997, 36-249999, 36-250001, 36-250003, 36-250230, Exp. 7/28/2023; 36-250424, 36-250425, 36-250426, 36-250427, 36-250428, 36-250429, Exp. 7/29/2023; 36-251374, 36-251375, 36-251376, 36-251377, 36-251378, 36-251379, 36-251380, 36-251381, 36-251382, Exp. 8/2/2023; 36-251438, 36-251441, 36-251442, Exp. 8/3/2023; 36-251799, 36-251801, 36-251802, 36-251803, 36-251805, 36-251806, 36-251804, Exp. 8/4/2023; 36-251993,	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
			36-251995, 36-251996, Exp. 8/5/2023; 36-252202, Exp. 8/6/2023; 36-252470, 36-252474, 36-252476, 36-252477, 36-252478, Exp. 8/9/2023; 36-254387, 36-254388, 36-254389, 36-254390, 36-254391, 36-254392, 36-254393, 36-254398, 36-254399, Exp. 8/10/2023; 36-254666, 36-254807, Exp. 8/11/2023		
oxyTOCIN, 40 units added to 0.9% sodium chloride 1000 mL, IV Bag, Rx Only, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-8069-1	Class II	Drugs	Lot: 36-241803, 36-241804, Exp. 7/21/2023; 36-243836, Exp. 7/31/2023; 36-246645, Exp. 8/3/2023; 36-246729, Exp. 8/6/2023; 36-248976, Exp. 8/16/2023; 36-249502, Exp. 8/17/2023; 36-252215, 8/31/2023; 36-255872, 36-255875, Exp. 9/10/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Neonatal TPN Starter Bag, Amino Acids (trophamine) 6%/Dextrose 10% with CALCIUM and HEPARIN, IV Bag, total volume = 250mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0423-1	Class II	Drugs	Lot: 36-251210, Exp. 7/10/2023; 36-254921, 36-254927, Exp. 7/22/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, IV Bag, Total Volume = 1818 mL, CRYSTALLOID INDUCTION, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0216-1	Class II	Drugs	Lot: 36-257024, Exp. 8/14/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
CARDIOPLEGIA SOLUTION 40 mEq K, Warm Induction 4:1 High Potassium, IV Bag, total volume = 500mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0002-1	Class II	Drugs	Lot: 36-252143, Exp. 7/16/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 30 mEq K, Induction 4:1, High Potassium, IV Bag, total volume = 415 mL, RX only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0106-1	Class II	Drugs	Lot: 36-251643, Exp. 7/13/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, HIGH K, Induction 4:1 Plasmalyte, High Potassium, IV Bag, total volume = 542 mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0212-1	Class II	Drugs	Lot: 36-253953, Exp. 7/20/2023; 36-255639, Exp. 7/24/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 36 mEq K, Induction 4:1, High Potassium/Low tromethamine, IV Bag, total volume = 500 mL, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0101-1	Class II	Drugs	Lot: 36-254401, Exp. 7/21/2023; 36-257070, Exp. 7/31/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 15 mEq K, Reperfusate 4:1, low potassium/low tromethamine, total volume = 500mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0009-1	Class II	Drugs	Lot: 36-254914, Exp. 7/22/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
CARDIOPLEGIA SOLUTION, 25 mEq K, SUTTER CARDIOPLEGIA, IV Bag, Total Volume = 572.64 mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0217-1	Class II	Drugs	Lot:36-253947, Exp. 7/20/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 15 mEq K, Reperfusate 4:1, low potassium, IV Bag, total volume = 477.5mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0008-1	Class II	Drugs	Lot: 36-252142, Exp. 7/16/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 7.5 mEq K, Reperfusate 4:1, low potassium, IV Bag, total volume = 238.75 mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0007-1	Class II	Drugs	Lot: 36-252143, Exp. 7/20/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 48 mEq K, Induction 4:1 in Ringer's, High Potassium, IV Bag, total volume = 522.8 mL, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0206-1	Class II	Drugs	Lot: 36-253951, Exp. 7/20/2023; 36-254912, Exp. 7/22/2023; 36-255215, 36-255216, Exp. 7/23/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, LEESBURG CARDIOPLEGIA, IV Bag, Total Volume = 1030.2 mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0218-1	Class II	Drugs	Lot:36-255941, Exp. 7/27/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
TRANSPLANT SOLUTION, Plasma-Lyte A - 75 ml, MSA/MSG 0.92 Molar -60 ml, dextrose 70% 21.3 ml; IV Bag, Total Volume = 165 mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0014-2	Class II	Drugs	Lot:36-252141, Exp. 7/16/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, HIGH K, Induction 4:1, Plasmalyte/Tromethamine, High Potassium, IV Bags, total volume = 500 mL, Rx Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0111-1	Class II	Drugs	Lot: 36-254403, Exp. 7/21/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 60 mEq K, Induction 4:1, High Potassium, IV Bag, total volume = 830 mL, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0100-1	Class II	Drugs	Lot: 36-251685, Exp. 7/15/2023; 36-252364, 7/17/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 106 mEq K, Modified St. Thomas Solution High Potassium High Sodium Bicarbonate, IV Bag, Total Volume = 1000 mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0204-1	Class II	Drugs	Lot:36-253949, Exp. 7/20/2023; 36-255411, Exp. 7/23/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION 122 mEq K, Modified St. Thomas Formula High Potassium, Total Volume = 1000 mL, IV Bag, Rx only, Central Admixture Pharmacy	Class II	Drugs	Lot:36-256332, Exp. 7/29/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0209-1					
CARDIOPLEGIA SOLUTION, 100 mEq K, Induction 8:1, High Potassium / Low dextrose, IV Bag, total volume = 500 mL, RX Only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0107-1	Class II	Drugs	Lot: 36-252356, Exp. 7/17/2023; 36-254402, Exp. 7/21/2023; 36-255218, Exp. 7/23/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 108 mEq K, Induction 8:1, High Potassium, IV Bag, total volume = 500 mL, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0102-1	Class II	Drugs	Lot: 36-255940, Exp. 7/27/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 70 mEq K, Modified St. Thomas Formula low potassium, IV Bag, Total Volume = 1000 mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0210-1	Class II	Drugs	Lot:36-255214, Exp.7/23/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 70 mEq K, Induction 8:1, non-enriched, High Potassium, IV Bag, Total Volume = 300 mL, RX only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0214-1	Class II	Drugs	Lot: 36-253954, Exp. 7/20/2023; 36-256032, Exp. 7/28/2023	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 12 mEq K, Maintenance 4:1 in Ringer's Low Potassium, IV Bag, total volume = 504.8 mL, Rx only, Central Admixture Pharmacy Services, Inc.,	Class II	Drugs	Lot: 36-253948, Exp. 7/20/2023; 36-255217, Exp. 7/23/2023.	Lack of assurance of sterility. Validation data for	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0205-1				decontamination cycles is lacking.	
CARDIOPLEGIA SOLUTION, 20 mEq K, Maintenance 4:1, Low Potassium, IV Bag, total volume = 810 mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0103-1	Class II	Drugs	Lot: 36-255943, Exp. 7/27/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Cardioplegia Solution, low K, Maintenance 4:1 Plasmalyte, Low Potassium, IV Bag, total volume = 1047 mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0211-1	Class II	Drugs	Lot: 36-251457, Exp. 7/14/2023; 36-253952, Exp. 7/20/2023; 36-255944, Exp. 7/27/2023; 36-257101, Exp. 7/31/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, low K, Maintenance 4:1 Plasmalyte/Tromethamine, Low Potassium, IV Bag, total volume = 1000 mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0112-1	Class II	Drugs	Lot: 36-251456, Exp. 7/14/2023; 36-256020, Exp. 7/28/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 36 mEq K, Maintenance 8:1, low Potassium / low dextrose, IV Bag, total volume = 500 mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0108-1	Class II	Drugs	Lot: 36-254906, Exp. 7/22/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
CARDIOPLEGIA SOLUTION, 24 mEq K, Maintenance 8:1, Low Potassium, IV Bag, total volume = 500 mL, Rx only, Central Admixture Pharmacy Services, Inc., 2200	Class II	Drugs	Lot: 36-251334, Exp. 7/13/2023.	Lack of assurance of sterility. Validation data for	Central Admixture Pharmacy Services, Inc.

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
South 43rd Avenue, Pheonix, AZ 85043, NDC: 72196-0105-1				decontamination cycles is lacking.	
CARDIOPLEGIA SOLUTION, 24 mEq K, Maintenance 8:1 non-enriched, Low Potassium, IV Bag, Total Volume = 300 mL, RX only, Central Admixture Pharmacy Services, Inc., 2200 South 43rd Avenue, Pheonix, AZ 85043, NDC 72196-0215-1	Class II	Drugs	Lot: 36-254125, Exp. 7/20/2023; 36-256034, Exp. 7/28/2023.	Lack of assurance of sterility. Validation data for decontamination cycles is lacking.	Central Admixture Pharmacy Services, Inc.
Cromolyn Sodium Oral Solution (Concentrate) 100 mg/5 mL 96 Plastic Ampules per carton, Rx Only, For Oral Use Only - Not For Inhalation or Injection, Must be Diluted, Manufactured by: The Ritedose Corporation Columbia, SC 29203 for Ritedose Pharmaceuticals, LLC Columbia, SC 29203, NDC 76204-025-96.	Class II	Drugs	Lot: 23CE2, Exp. 03/31/2026	CGMP deviation: product released prior to supplier approval.	The Ritedose Corporation
Pneumococcal 15-valent Conjugate Vaccine	Class II	Biologics	lots W021510, W027250, W021512, W021637 and W028846	Merck Sharp & Dohme LLC became aware of Vaxneuvance (lots W021510, W027250, W021512, W021637 and W028846) breaking at the syringe flange and/or hub resulting in injury (e.g., skin laceration) during administration. Additionally, breakages were identified by healthcare	Merck Sharp & Dohme LLC

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
				professionals before administration, while securing the needle to the syringe, during vaccine administration or during post-administration (e.g., when activating a needle safety mechanism).	
hello wild strawberry fluoride toothpaste, sodium fluoride 0.24% (0.15% w/v fluoride ion), NET WT 4.2 OZ (119 g), Distributed by Hello Products LLC, Montclair, NJ 07042, UPC 8 19156 02026 4 (carton), 12-count case GTIN: 20819156020268; strawberry tubes also sold in Strawberry 3-pack overwrap UPC 8 19156 02349 4, UPC 10819156023491 case; in the variety 3-pack of Strawberry + Unicorn + Grape UPC 8 19156 02332 6, UPC 10819156023323 case; and in a 24-count Toothpaste Floorstand, UPC 819156020684 (case).	Class II	Drugs	Lot #: 004287, 2267USA94A, 2271USA94A, EXP 08/2024; 3053USA94A, Exp 01/2025; 3156USA94A, 3157USA94A, EXP 05/2025	Labeling: Label Mix-Up: Some hello wild strawberry fluoride toothpaste, packaged in cartons labeled as hello wild strawberry fluoride toothpaste were incorrectly filled in tubes labeled as hello fresh watermelon fluoride free toothpaste.	Colgate Palmolive Company
Dofetilide Capsules 500 mcg (0.5mg), 60-count bottle, Rx Only, Manufactured by Sun Pharmaceutical Industries Limited, Survey No. 259/15, Dadra-396 191, (U.T of D & NH), India, Distributed by: Sun Pharmaceutical Industries, Inc. Cranbury, NJ 08512. NDC 47335-063-86	Class III	Drugs	Lot: DNE0217A, Exp 01/2025	Out of Specification result observed in content uniformity testing	SUN PHARMACEUTICAL INDUSTRIES INC

Product Description	Classification	Product Type	Code Info	Reason for recall	Recalling Firm
0.9% Sodium Chloride Injection USP, 1000 mL Excel Plus Container, Rx only, B. Braun Medical Inc. Bethlehem, PA 18018, NDC 0264-5802-00	Class III	Drugs	Lot #: 0061852531, Exp 2/28/2025	Labeling: Not Elsewhere Classified - the description, warnings, storage information and instructions for use are either missing or partially printed.	B. Braun Medical Inc.
Tobramycin Ophthalmic Solution USP, 0.3%, 5mL bottle, Rx only, Manufactured for: Alembic Pharmaceuticals, Bedminster, NJ 07921, USA, NDC 62332-518-05	Class III	Drugs	Lot #: AMR103, Exp: 10/2023; Lot#: AMR201, Exp: 06/2024	Failed Impurities/Degradation Specifications	ALEMBIC PHARMACEUTICALS, INC.
PLUVICTO 1,000MBq/mL (27 mCi/mL), lutetium Lu 177 vipivotide tetraxetan injection, 9.2 mL Single-dose vial, Manufacturer: Advanced Accelerator Applications USA, Inc., 57 E. Willow Street NJ 07041, Milburn, USA, NDC 69488-010-61	Class III	Drugs	Lot # LPS230729B-16, Exp 8/3/2023 at 10:00am, LPS230804B-16, Exp 8/9/2023 at 10:00am.	Labeling: Incorrect or Missing Lot and/or Exp Date: vials were labeled with the incorrect lot number and expiration date	Advanced Accelerator Applications USA, Inc.

\*Please refer to FDA website for further information at: <http://www.fda.gov/Safety/Recalls>

## CURRENT DRUG SHORTAGES

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Below is the list of drugs listed by the FDA as currently in shortage. Please refer to the FDA website for more information at: <https://www.accessdata.fda.gov/scripts/drugshortages/default.cfm>

### Generic Name or Active Ingredient

0.9% Sodium Chloride Irrigation  
Albuterol Sulfate Inhalation Solution, 0.5%  
Alprostadil (Muse) Suppository  
Amifostine Injection  
Amino Acids  
Amoxapine Tablets  
Amoxicillin Oral Powder for Suspension  
Amphetamine Aspartate; Amphetamine Sulfate; Dextroamphetamine Saccharate; Dextroamphetamine Sulfate Tablets  
Atropine Sulfate Injection  
Azacitidine for Injection  
Bacteriostatic 0.9% Sodium Chloride Injection  
Bacteriostatic Water for Injection  
Belatacept (Nulojix) Lyophilized Powder for Injection  
Belladonna and Opium Suppositories  
Bumetanide Injection  
Bupivacaine Hydrochloride and Epinephrine Injection  
Bupivacaine Hydrochloride Injection  
Calcium Gluconate Injection  
Capecitabine Tablets  
Carboplatin Injection  
Cefixime Oral Capsules  
Cefotaxime Sodium Injection  
Cefotetan Disodium Injection  
Chloramphenicol Sodium Succinate Injection  
Chloroprocaine Hydrochloride Injection  
Chlorothiazide Oral Suspension  
Cisplatin Injection  
Clindamycin Phosphate Injection  
Clonazepam Tablets  
Collagenase Ointment  
Conivaptan Hydrochloride (Vaprisol) in 5% Dextrose Plastic Container  
Conjugated Estrogens/Bazedoxifene (DUAVEE) Tablet, Film Coated  
Cyclopentolate Ophthalmic Solution  
Cytarabine Injection  
Dacarbazine Injection  
Desmopressin Acetate Nasal Spray  
Dexamethasone Sodium Phosphate Injection

Dexmedetomidine Injection  
Dextrose 10% Injection  
Dextrose 25% Injection  
Dextrose 5% Injection  
Dextrose 50% Injection  
Diazepam Rectal Gel  
Difluprednate Ophthalmic Emulsion  
Digoxin Injection  
Diltiazem Hydrochloride Injection  
Dimercaprol (Bal in Oil) Injection  
Disopyramide Phosphate (Norpace) Capsules  
Dobutamine Hydrochloride Injection  
Dopamine Hydrochloride Injection  
Dulaglutide (Trulicity) Injection  
Echothiophate Iodide (Phospholine Iodide) Ophthalmic Solution  
Edetate Calcium Disodium Injection  
Enalaprilat Injection  
Epinephrine Injection, 0.1 mg/mL  
Erythromycin Ophthalmic Ointment  
Etomidate Injection  
Fentanyl Citrate (Sublimaze) Injection  
Fludarabine Phosphate Injection  
Fluorescein Injection  
Flurazepam Hydrochloride Capsules  
Furosemide Injection  
Gentamicin Sulfate Injection  
Guanfacine Hydrochloride Tablets  
Heparin Sodium and Sodium Chloride 0.9% Injection  
Hydrocortisone Sodium Succinate Injection  
Hydromorphone Hydrochloride Injection  
Hydroxypropyl (Lacrisert) Cellulose Ophthalmic Insert  
Ibutilide Fumarate Injection  
Indigotindisulfonate Sodium Injection  
Isoniazid Injection  
Isoniazid Tablets  
IV Fat Emulsion  
Ketamine Injection  
Ketorolac Tromethamine Injection  
Leucovorin Calcium Injection  
Lidocaine Hydrochloride (Viscous) Oral Topical Solution  
Lidocaine Hydrochloride (Xylocaine) and Dextrose Injection Solution-Premix Bags  
Lidocaine Hydrochloride (Xylocaine) Injection  
Lidocaine Hydrochloride (Xylocaine) Injection with Epinephrine  
Liraglutide Injection  
Lisdexamfetamine Dimesylate Capsules  
Lorazepam Injection

Lutetium Lu 177 Vipivotide Tetraxetan (Pluvicto) Injection  
Mannitol Injection  
Mepivacaine Hydrochloride Injection  
Methamphetamine Hydrochloride Tablets  
Methotrexate Injection  
Methotrexate Tablets  
Methyldopa Tablets  
Methylphenidate Hydrochloride Extended Release Tablets  
Methylprednisolone Acetate Injection  
Metronidazole Injection  
Midazolam Injection  
Morphine Sulfate Injection  
Multi-Vitamin Infusion (Adult and Pediatric)  
Neomycin Sulfate Tablets  
Nizatidine Capsules  
Oxybutynin Chloride Syrup  
Palifermin (Kepivance) Lyophilized Powder for Injection  
Pantoprazole Sodium for Injection  
Parathyroid Hormone Injection  
Penicillin G Benzathine Injectable Suspension  
Physostigmine Salicylate Injection  
Potassium Acetate Injection  
Potassium Chloride Concentrate Injection  
Quinapril and Hydrochlorothiazide Tablets  
Quinapril Hydrochloride Tablets  
Remifentanil Injection  
Rifampin Capsules  
Rifampin Injection  
Rifapentine Tablets  
Rocuronium Bromide Injection  
Ropivacaine Hydrochloride Injection  
Semaglutide (Ozempic) Injection  
Semaglutide (WEGOVY®) Injection  
Sodium Acetate Injection  
Sodium Bicarbonate Injection  
Sodium Chloride 0.9% Injection Bags  
Sodium Chloride 14.6% Injection  
Sodium Chloride 23.4% Injection  
Sodium Chloride Injection, 0.9% Vials and Syringes  
Sodium Phosphates Injection  
Somatropin Injection  
Sterile Water for Injection  
Sterile Water for Irrigation  
Streptozocin (Zanosar) Sterile Powder  
Sucralfate Tablets  
Sufentanil Citrate Injection



Sulfasalazine Tablets  
Tirzepatide Injection  
Triamcinolone Acetonide Injectable Suspension  
Triamcinolone Hexacetonide Injectable suspension  
Trimethobenzamide Hydrochloride Capsules  
Valproate Sodium Injection  
Vecuronium Bromide for Injection