page 1 of 37

USP <800> Hazardous Drugs Assessment of Risk

Per Policy, these drugs are exempt from USP<800> handling requirements under normal circumstances. The following outlines must be followed.

generic (Brand) Route [Packaging: Manufacturer ⇒ Dispense] **NIOSH Group** abacavir (Ziagen) PO [UD ⇒ UD] Non - Antineoplastic **Pharmacy:** • Handling/preparation PPE Requirements: n/a Receiving / Receiving from Distributor: Standard Storage / • Pharmacy Storage Area: Carousel Preparation Packaging/Reconstitution Location: n/a • Compounding (Non-Sterile/Sterile) Location: n/a Exposure Risk: minimal • Omnicell load: No • Transport (dose is placed inside a plastic sealable bag): Standard **Transport** • Handling/administration PPE Requirements: Single CX gloves, wash hands after handling **Nursing:** • Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer Storage / Signage on Patient Door Required: No Admin. • Closed System Storage Device: No Exposure Risk: Manipulation of Dosage Form: Standard low • Special Manipulation for Administration: do not crush tablet • Disposal of Drug Waste: Full-blue bin, trace/packaging-trash Disposal / • Disposol of Used PPE: trash bin (inside plastic bag) **Spills**

NIOSH Supplemental Information: malignant tumors observed in male/female mice/rats; genotoxic in in vivo micronucleus tests

Spill management: n/a

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not require additional manipulation for dispensing.

anastrozole (Ai	anastrozole (Arimidex) PO [UD ⇒ UD] Antineoplastic	
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	 Receiving from Distributor: Designated area/ CX gloves 	
Storage /	Pharmacy Storage Area: Hazardous	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after hand	dling
<u> </u>	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Om	nnicell
Storage / Admin.	• Signage on Patient Door Required: Yes	
Exposure Risk:	Closed System Storage Device: Yes	
	Manipulation of Dosage Form: Done in Pharmacy	
1000	• Special Manipulation for Administration: do not crush tablet	
Disposal /	Disposal of Drug Waste: Full- black bin, trace- yellow bin	
Spills	Disposol of Used PPE: yellow bin	
	Spill management: n/a	
NIOSH Supplemental Information: N/A		
Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not		

require additional manipulation for dispensing.

Iredell Health System USP <800> Hazardous Drugs Assessment of Risk

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group	
bicalutamide (oicalutamide (Casodex) PO [Bulk ⇒ Blister UD] Antineoplastic		
Pharmacy:	Handling/preparation PPE Requirements: Double CX gloves, gown		
Receiving /	 Receiving from Distributor: Designated area/ CX gloves 		
Storage /	Pharmacy Storage Area: Hazardous		
Preparation	Packaging/Reconstitution Location: Repacking area		
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a		
low	Omnicell load: No		
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard		
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after	handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer		
Admin.	• Signage on Patient Door Required: Yes		
Exposure Risk:	Closed System Storage Device: Yes		
low	Manipulation of Dosage Form: Done in Pharmacy		
1000	Special Manipulation for Administration: do not crush tablet		
Disposal /	Disposal of Drug Waste: Full- black bin, trace- yellow bin		
Spills	Disposol of Used PPE: yellow bin		
эршэ	Spill management: n/a		
NIOSH Supplemen	NIOSH Supplemental Information: N/A		
Reason for exemp	Reason for exemption of USP<800> Containment Requirements: Wash skin with soap and water. Minimize dust accumulation.		

carBAMazepine	e (Carbatrol, TEGretol) PO [Bulk ⇒ Packager]	Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: Single CX glove and gown	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: Repacking area	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
low	Omnicell load: No	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage /	 Handling/administration PPE Requirements: PO- Single CX gloves, tube- double CX hands after handling Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer 	gloves and gown, wash
Admin.	Signage on Patient Door Required: No	
Exposure Risk: low	 Closed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: n/a 	
Disposal / Spills	 Disposal of Drug Waste: Full- blue bin, trace/packaging- trash Disposol of Used PPE: trash bin (inside plastic bag) Spill management: n/a 	
rapid trans placent	tal Information: BBW for aplastic anemia, congenital malformations in offspring of mal passage tion of USP<800> Containment Requirements: Minimal manipulation for dispensing.	

manipulation for administering. Risk associated when ingested.

USP <800> Hazardous Drugs Assessment of Risk

gene	eric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
cidofovir (Visti	cidofovir (Vistide) IV [n/a] Non	
Pharmacy: Receiving / Storage / Preparation Exposure Risk: low	 Handling/preparation PPE Requirements: Single CX gloves, gown, CSTD Receiving from Distributor: Standard Pharmacy Storage Area: IV CSTD Area Packaging/Reconstitution Location: n/a Compounding (Non-Sterile/Sterile) Location: Ideal: Positive pressure room Required: Med Prep Area with Immediate Use Preparation standards Omnicell load: No 	
Transport	Transport (dose is placed inside a plastic sealable bag): Double Bag; single CX gloves	
Nursing: Storage / Admin. Exposure Risk: low	 Handling/administration PPE Requirements: Double CX gloves, gown, CSTD Storage of Finished dose in Nursing Area/Procedural Area: Picked up from Pharmacy Signage on Patient Door Required: Yes Closed System Storage Device: Yes Manipulation of Dosage Form: n/a Special Manipulation for Administration: n/a 	/
Disposal / Spills	 Disposal of Drug Waste: Full- black bin, trace- yellow bin Disposol of Used PPE: yellow bin Spill management: Manage like antineoplastic agents 	
NIOSH Supplemental Information: N/A		

Reason for exemption of USP<800> Containment Requirements: NIOSH recommends PPE + CSTD for preparation. PPE + CSTD required for administration. Pregnancy Category C. MSHG recommends following NIOSH. Also notes, if cidofovir contacts the skin, wash membranes and flush thoroughly with water. Risks are related to systemic absorption.

clonazePAM (K	clonazePAM (KlonoPIN) PO [Bulk ⇒ Packager] Reproductive Risk	
Pharmacy:	Handling/preparation PPE Requirements: Single CX gloves, wash hands after handling	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: CSM	
Preparation	Packaging/Reconstitution Location: Repackaging area	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: Yes	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	Handling/administration PPE Requirements: Single CX gloves, wash hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell	
Admin.	Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
minimal	Manipulation of Dosage Form: Standard	
minimui	Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- RX Destroyer, packaging- trash	
Disposal / Spills	Disposol of Used PPE: trash bin (inside plastic bag)	
	• Spill management: n/a	
NIOSH Supplemental Information: Increased risk of congenital abnormalities when taken in first trimester		
Reason for exemption of USP<800> Containment Requirements: Minimal manipulation for dispensing. Does not require addition		additional
manipulation for administerina		

USP <800> Hazardous Drugs Assessment of Risk

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
colchicine (Col	colchicine (Colcrys, Mitigare) PO [UD ⇒ UD] Reproductive Risk	
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	• Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after	handling
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer,	, Omnicell
Admin.	• Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
1000	Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	• Disposol of Used PPE: trash bin (inside plastic bag)	
Shiiis	Spill management: n/a	

NIOSH Supplemental Information: published animal reproduction and development studies indicate it causes embryo-fetal toxicity, teratogenicity and altered postnatal development at exposures within or above the clinical therapeutic range

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not require additional manipulation for dispensing.

cycloSPORINE ((Gengraf, Neoral, SandIMMUNE) PO [UD ⇒ UD] Non - Antino	eoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single pair of CX approved gloves; Wash hands after h	andling
Storage /	 Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer 	
Admin.	Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
	Special Manipulation for Administration: do not open capsule	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	Disposol of Used PPE: trash bin (inside plastic bag)	
Spilis	Spill management: n/a	
NIOSH Supplemental Information: IARC Group 1 carcinogen; NTP		
<u>-</u>	Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not	
require additional manipulation for dispensing.		

gene	eric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
dinoprostone (Cervidil, Prepidil, Prostin E2) SUPP [n/a]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Freezer	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: No	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage / Admin. Exposure Risk:	• Handling/administration PPE Requirements: Double CX gloves, gown, wash han	ds after handling
	• Storage of Finished dose in Nursing Area/Procedural Area: Picked up from Phar	macy
	Signage on Patient Door Required: No	
	Closed System Storage Device: No	
	Manipulation of Dosage Form: Standard	
1000	• Special Manipulation for Administration: Do not handle while pregnant	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	Disposol of Used PPE: yellow bin	
Эршэ	Spill management: n/a	
NIOSH Supplemental Information: Hazardous only for women in late pregnancy		
Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does no		
require additional manipulation for dispensing.		

dronedarone (I	Multaq) PO [UD ⇒ UD]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after h	andling
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, 0	Omnicell
Admin.	• Signage on Patient Door Required: No	
	Closed System Storage Device: No	
Exposure Risk: low	Manipulation of Dosage Form: Standard	
1000	• Special Manipulation for Administration: Do not handle while pregnant or trying	to get pregnant
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spilis	Spill management: n/a	
NIOSH Supplemental Information: Teratogenic in laboratory studies at 1/2 MRHD		
Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not		kaged as unit dose. Does not
require additional manipulation for dispensing.		

Iredell Health System

USP <800> Hazardous Drugs Assessment of Risk

gene	generic (Brand) Route [Packaging: Manufacturer ⇒ Dispense] NIOSH Group		
dutasteride (Avodart) PO [UD ⇒ UD] Reproductive		Reproductive Risk	
Pharmacy:	Handling/preparation PPE Requirements: n/a		
Receiving /	Receiving from Distributor: Standard		
Storage /	Pharmacy Storage Area: Carousel		
Preparation	• Packaging/Reconstitution Location: n/a		
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 		
minimal	Omnicell load: Yes		
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard		
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after	handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	, Omnicell	
Admin.	Signage on Patient Door Required: No		
Exposure Risk:	• Closed System Storage Device: No		
low	Manipulation of Dosage Form: Standard		
1000	Special Manipulation for Administration:		
Disposal /	• Disposal of Drug Waste: Full- blue bin, trace/packaging- trash		
Spills	• Disposol of Used PPE: trash bin (inside plastic bag)		
эршэ	Spill management: n/a		
NIOSH Supplemental Information: Women warned not to handle			
Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not			
require additional manipulation for dispensing.			

erlotinib (Tarce	eva) PO [Bulk ⇒ Blister UD]	Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: Double CX gloves, gown	
Receiving /	Receiving from Distributor: Designated area/ CX gloves	
Storage /	Pharmacy Storage Area: Hazardous	
Preparation	Packaging/Reconstitution Location: Repackaging area	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
low	Omnicell load: No	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
N 1	• Handling/administration PPE Requirements: Single CX gloves, wash hands after	er handling
Nursing:	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawe	er
Storage /	• Signage on Patient Door Required: Yes	
Admin.	Closed System Storage Device: Yes	
Exposure Risk:	Manipulation of Dosage Form: Done in Pharmacy	
low	• Special Manipulation for Administration: do not crush tablet	
Diametel /	Disposal of Drug Waste: Full- black bin, trace- yellow bin	
Disposal /	Disposol of Used PPE: yellow bin	
Spills	Spill management: n/a	
NIOSH Sunnlemen	tal Information: N/A	

comply with USP 800 recommendation for preparation

Iredell Health System USP <800> Hazardous Drugs Assessment of Risk

gene	eric (Brand) Route [Packaging: Manufacturer ⇒ Dispense] NIOSH Group	
esterified estro	ogens and methyltestostorone (Estratest HS) PO [Bulk ⇒ Packager] Non - Antineoplastic	
Pharmacy:	Handling/preparation PPE Requirements: Single CX gloves, wash hands after handling	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: CSM	
Preparation	Packaging/Reconstitution Location: Repacking area	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
low	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Omnicell	
Admin.	Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
1000	• Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- RX Destroyer, packaging- trash	
Spills	• Disposol of Used PPE: trash bin (inside plastic bag)	
эршэ	Spill management: n/a	
NIOSH Supplemen	NIOSH Supplemental Information: N/A	
Reason for exemption of USP<800> Containment Requirements: Not Specified		

estradiol (Estra	ce) PO [Bulk ⇒ Packager]	Non - Antineoplastic
Pharmacy:	• Handling/preparation PPE Requirements: Single CX gloves, wash hands after handl	ing
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: Repackaging area	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing	• Handling/administration PPE Requirements: Single CX gloves, wash hands after har	ndling
Nursing:	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Or	nnicell
Storage / Admin.	• Signage on Patient Door Required: No	
	Closed System Storage Device: No	
Exposure Risk: low	Manipulation of Dosage Form: Standard	
1000	• Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spilis	• Spill management: n/a	
NIOSH Supplemental Information: BBW for malignant neoplasms; increased risk of endometrial, ovarian and breast cancer; in		
iuboratory studies,	increased frequency of carcinomas of breast, uterus, cervix, vagina, testis, and liver; pr	esent in preast milk
Reason for exemp	tion of USP<800> Containment Requirements: Not Specified	

Iredell Health System

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense] NIOSH Group	
estradiol (Alora Topical Patch [U	a, Climara, Esclim, Estraderm, Menostar, Minivelle, Vivelle, Vivelle-Dot) Non - Antineoplastic VD ⇒ UD]	
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage / Admin. Exposure Risk: low Disposal / Spills	 Handling/administration PPE Requirements: Single CX gloves, wash hands after handling Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: n/a Special Manipulation for Administration: n/a Disposal of Drug Waste: Full- blue bin, trace/packaging- trash Disposol of Used PPE: trash bin (inside plastic bag) Spill management: n/a 	
NIOSH Supplemental Information: BBW for malignant neoplasms; increased risk of endometrial, ovarian and breast cancer; in laboratory studies, increased frequency of carcinomas of breast, uterus, cervix, vagina, testis, and liver; present in breast milk		
Reason for exemp	tion of USP<800> Containment Requirements: Not Specified	

estradiol (Estra	ce, Estragyn) Topical Gel / Cream [Bulk ⇒ Bulk]	Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing	Handling/administration PPE Requirements: Double CX gloves	
Nursing:	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	
Storage / Admin.	• Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: n/a	
1000	Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spilis	• Spill management: n/a	
	tal Information: BBW for malignant neoplasms; increased risk of endometrial, ovarian of increased frequency of carcinomas of breast, uterus, cervix, vagina, testis, and liver; pre	
Reason for exemp	tion of USP<800> Containment Requirements: Not Specified	

Iredell Health System

USP <800> Hazardous Drugs Assessment of Risk

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
estrogens, con	ugated (Premarin) IV [n/a]	Non - Antineoplastic
Pharmacy:	• Handling/preparation PPE Requirements: Single CX glove, gown and CSTD	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Refrigerator	
Preparation	• Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: Ideal: Positive pressure room	
low	Required: Med Prep Area with Immediate Use Preparation standards	
	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Double Bag; single CX glove	
Nursing:	• Handling/administration PPE Requirements: Double CX gloves and gown; Use of C	STD
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	
Admin.	Signage on Patient Door Required: Yes	
Exposure Risk:	Closed System Storage Device: Yes	
low	Manipulation of Dosage Form: n/a	
1000	Special Manipulation for Administration: n/a	
	Disposal of Drug Waste: Full- black bin, trace/packaging- yellow bin	
Disposal /	Disposol of Used PPE: yellow bin	
Spills	• Spill management: Wear CX gloves, items used to clean up spill should be placed in	n a sealed bag and put in
	blue bin	
	tal Information: BBW for malignant neoplasms; increased risk of endometrial, ovarial increased frequency of carcinomas of breast, uterus, cervix, vagina, testis, and liver; p	
Reason for exemp	tion of USP<800> Containment Requirements: NIOSH recommends PPE + CSTD for page 1	reparation. PPE + CTSD

requires for administration. Pregnancy Category X. Risks are related to systemic absorption.

Reason for exemption of USP<800> Containment Requirements: Not Specified

estrogens, conj	jugated (Cenestin, Enjuvia, Premarin) PO [Bulk ⇒ Packager] Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: Single CX gloves, wash hands after handling
Receiving /	Receiving from Distributor: Standard
Storage /	Pharmacy Storage Area: Carousel
Preparation	Packaging/Reconstitution Location: Repackaging area
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a
low	Omnicell load: Yes
Transport	Transport (dose is placed inside a plastic sealable bag): Standard
Nursing: Storage / Admin. Exposure Risk: low	 Handling/administration PPE Requirements: Single CX gloves, wash hands after handling Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: n/a
Disposal / Spills	 Disposal of Drug Waste: Full- blue bin, trace/packaging- trash Disposol of Used PPE: yellow bin Spill management: n/a

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
estrogens, este	rified (Menest) PO [Bulk ⇒ Packager]	Non - Antineoplastic
Pharmacy:	• Handling/preparation PPE Requirements: Single CX gloves, wash hands after handling	ng
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: Repackaging area	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Double CX gloves and gown; Use of CST	ΓD
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	
Admin.	• Signage on Patient Door Required: Yes	
	Closed System Storage Device: Yes	
Exposure Risk: low	Manipulation of Dosage Form: Standard	
IOW	• Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
•	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spills	• Spill management: n/a	
= =	tal Information: BBW for malignant neoplasms; increased risk of endometrial, ovarian increased frequency of carcinomas of breast, uterus, cervix, vagina, testis, and liver; pre	
Reason for exemp	tion of USP<800> Containment Requirements: Not Specified	

exemestane (A	romasin) PO [Bulk ⇒ Blister UD] Antineoplastic	
Pharmacy:	Handling/preparation PPE Requirements: Double CX gloves, gown	
Receiving /	Receiving from Distributor: Designated area/ CX gloves	
Storage /	Pharmacy Storage Area: Hazardous	
Preparation	Packaging/Reconstitution Location: Repackaging area	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
low	Omnicell load: No	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after handling	
Storage /	 Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer 	
Admin.	Signage on Patient Door Required: Yes	
	Closed System Storage Device: Yes	
Exposure Risk: low	Manipulation of Dosage Form: Done in Pharmacy	
1000	Special Manipulation for Administration: do not crush tablet	
Disposal /	Disposal of Drug Waste: Full- black bin, trace- yellow bin	
Spills	Disposol of Used PPE: yellow bin	
Spilis	• Spill management: n/a	
NIOSH Supplemen	ntal Information: N/A	
<u>-</u>	otion of USP<800> Containment Requirements: Does not require additional manipulation for administration	on; will
comply with USP 80	00 recommendation for preparation	

USP <800> Hazardous Drugs Assessment of Risk

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
finasteride (Pro	opecia, Proscar) PO [UD ⇒ UD]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	• Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: Yes	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after	handling
	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer,	Omnicell
Storage / Admin.	• Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
10W	• Special Manipulation for Administration: Do not handle while pregnant	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Disposal /	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spills	• Spill management: n/a	
NIOSH Supplemen	ital Information: Women should not handle crushed or broken finasteride tablets w	hen they are pregnant or
mavbecome prean	ant. due to potential risks to a male fetus	

fluconazole (Diflucan) IV [n/a] Reproductive Risk • Handling/preparation PPE Requirements: n/a **Pharmacy:** · Receiving from Distributor: Standard Receiving / • Pharmacy Storage Area: Carousel Storage / Packaging/Reconstitution Location: n/a Preparation • Compounding (Non-Sterile/Sterile) Location: Ideal: Positive pressure room Exposure Risk: Required: Med Prep Area with Immediate Use Preparation standards low • Omnicell load: Yes • Transport (dose is placed inside a plastic sealable bag): Standard **Transport** • Handling/administration PPE Requirements: Single CX glove **Nursing:** • Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell Storage / • Signage on Patient Door Required: No Admin. • Closed System Storage Device: No Exposure Risk: • Manipulation of Dosage Form: n/a

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not

Disposal /

Spills

low

require additional manipulation for dispensing.

Special Manipulation for Administration: n/a
 Discount of Data Market Fall blacking transfer for Administration (and a fall black).

• Disposal of Drug Waste: Full- blue bin, trace/packaging- trash

• Disposol of Used PPE: trash bin (inside plastic bag)

• Spill management: Wear CX gloves, items used to clean up spill should be placed in a sealed bag and put in blue bin

NIOSH Supplemental Information: case reports describe congenital abnormalies in infants exposed in utero to maternal fluconazole (400-800mg/d) during most or all of the 1st trimester, similar to those seen in animal studies

Reason for exemption of USP<800> Containment Requirements: Preg Category C. Risks are related to systemic absorption. For skin contact, remove contaminated clothing, flush area with large amounts of water and soap.

USP <800> Hazardous Drugs Assessment of Risk

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
fluconazole (Di	flucan) PO [UD ⇒ UD]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: Yes	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
	• Handling/administration PPE Requirements: PO- Single CX gloves, tube- double	CX gloves and gown, wash
Nursing:	hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer,	, Omnicell
Admin.	Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
	• Special Manipulation for Administration: do not open capsule	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Disposal /	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spills	• Spill management: n/a	
= =	tal Information: case reports describe congenital abnormalies in infants exposed in	
fluconazole (400-80	Omg/d) during most or all of the 1st trimester, similar to those seen in animal stud	ies

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not require additional manipulation for dispensing.

fosphenytoin (Cerebyx) IV [n/a]	Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: Single CX glove, gown, and CSTD	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: IV CSTD Area	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: Ideal: Positive pressure room	
low	Required: Med Prep Area with Immediate Use Preparation standards	
10 VV	Omnicell load: No	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX glove, gown, use of CSTD	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Omnicell	
Admin.	• Signage on Patient Door Required: Yes	
Exposure Risk:	Closed System Storage Device: Yes	
•	Manipulation of Dosage Form: n/a	
moderate	• Special Manipulation for Administration: n/a	
	Disposal of Drug Waste: Full- black bin	
Disposal /	Trace- yellow bin	
Spills	Disposol of Used PPE: yellow bin	
	Spill management: Manage like antineoplastic agents	
NIOSH Supplemen	tal Information: IARC Group 1 carcinogen; NTP	

Reason for exemption of USP<800> Containment Requirements: Preg Category D. No NIOSH requirements but is highest Group for carcinogen to humans; likely only by systemic absorption. For skin contact, remove contaminated clothing, flush area with large amounts of water and soap.

	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
ganciclovir (Cyt	ovene) IV [n/a]	Non - Antineoplast
Pharmacy:	• Handling/preparation PPE Requirements: Double CX gloves, gown, CSTD	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Chemo	
	Packaging/Reconstitution Location: n/a	
Preparation	• Compounding (Non-Sterile/Sterile) Location: Ideal: Negative pressure room- CACI	
Exposure Risk:	Required: Med Prep Area with Immediate Use Preparation standards	
medium	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Transport container, single	CX gloves
Niverina	• Handling/administration PPE Requirements: Double CX gloves, gown, use of CSTD	
Nursing:	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	
Storage /	Signage on Patient Door Required: Yes	
Admin.	Closed System Storage Device: Yes	
Exposure Risk:	Manipulation of Dosage Form: n/a	
medium	• Special Manipulation for Administration: n/a	
D'	Disposal of Drug Waste: Full- black bin, trace- yellow bin	
Disposal /	Disposol of Used PPE: yellow bin	
Spills	Spill management: Manage like antineoplastic agents	
NIOSH Supplemen	tal Information: in animal studies - carcinogenic, tetratogenic and caused aspermato	genesis; mfg instruction
handle according to	guidelines issued for antineoplastic drugs	
· · · · · · · · · · · · · · · · · · ·	tion of USP<800> Containment Requirements: Preg Category C. Avoid direct contact	=
· · · · · · · · · · · · · · · · · · ·	s with CYTOVENE-IV solutions. If such contact occurs, wash thoroughly with soap and	=

ganciclovir (Zirg	gan) OPTH [UD ⇒ UD]	Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing	Handling/administration PPE Requirements: Double CX gloves and gown	
Nursing:	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	
Storage / Admin.	• Signage on Patient Door Required: No	
	Closed System Storage Device: No	
Exposure Risk: low	Manipulation of Dosage Form: Standard	
10W	• Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- black bin, trace- yellow bin	
Spills	Disposol of Used PPE: yellow bin	
	• Spill management:	
NIOSH Supplemental Information: N/A		
Reason for exemp	tion of USP<800> Containment Requirements: Not Specified	

require additional manipulation for dispensing.

USP <800> Hazardous Drugs Assessment of Risk

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
hydroxyurea (D	Proxia, Hydrea, Siklos) PO [UD ⇒ UD]	Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	• Receiving from Distributor: Designated area/ CX gloves	
Storage /	Pharmacy Storage Area: Hazardous	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: No	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
	• Handling/administration PPE Requirements: PO- Single CX gloves, tube- double	CX gloves and gown, wash
Nursing:	hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	
Admin.	• Signage on Patient Door Required: Yes	
Exposure Risk:	• Closed System Storage Device: Yes	
low	Manipulation of Dosage Form: Done in Pharmacy	
	• Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- black bin, trace- yellow bin	
Disposal /	Disposol of Used PPE: yellow bin	
Spills	• Spill management: n/a	
NIOSH Supplemen	tal Information: special warning on handling bottles and capsules	

leflunomide (A	rava) PO [Bulk ⇒ Packager]	Non - Antineoplastic
Pharmacy:	• Handling/preparation PPE Requirements: do not handle while pregnant; single CX	gloves
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: Repacking area	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
low	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage / Admin. Exposure Risk: low	 Handling/administration PPE Requirements: Single CX gloves, wash hands after ha Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, O Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: do not handle while pregnant 	=
Disposal / Spills	 Disposal of Drug Waste: Full- blue bin, trace/packaging- trash Disposol of Used PPE: trash bin (inside plastic bag) Spill management: n/a 	

NIOSH Supplemental Information: Teratogenic in lab studies at 1/10 human dose, marked postnata Isurvival at 1/100 HD; severe liver injury reportedin patients; carcinogenicity observed at doses below HD

Reason for exemption of USP<800> Containment Requirements: Minimal manipulation for dispensing. Does not require additional manipulation for administering.

Updated: 4/4/2024

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
letrozole (Fema	ara) PO [UD ⇒ UD]	Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	 Receiving from Distributor: Designated area/ CX gloves 	
Storage /	Pharmacy Storage Area: Hazardous	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after h	nandling
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer,	Omnicell
Admin.	Signage on Patient Door Required: Yes	
Exposure Risk:	Closed System Storage Device: Yes	
low	Manipulation of Dosage Form: Done in Pharmacy	
1000	Special Manipulation for Administration: do not crush tablet	
Disposal /	Disposal of Drug Waste: Full- black bin, trace- yellow bin	
Spills	Disposol of Used PPE: yellow bin	
Spins	Spill management: n/a	
	tal Information: N/A	
III = =	tion of USP<800> Containment Requirements: Purchased in final dosage form; pac manipulation for dispensing.	kaged as unit dose. Does not

medroxyPROG	ESTERone (Provera) PO [Bulk ⇒ Packager] No	on - Antineoplastic
Pharmacy:	• Handling/preparation PPE Requirements: Single CX gloves, wash hands after handling	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: Repacking area	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
low	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after handling	S
	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	
Storage / Admin.	Signage on Patient Door Required: No	
7 101111111	Closed System Storage Device: No	
Exposure Risk: low	Manipulation of Dosage Form: Standard	
1000	• Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spilis	• Spill management: n/a	
NIOSH Supplemen	tal Information: N/A	
-	tion of USP<800> Containment Requirements: Minimal manipulation for dispensing. Does	not require addition
manipulation for a	dministering.	

Iredell Health System

USP <800> Hazardous Drugs Assessment of Risk

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense] NIOSH Group
medroxyPROGI	ESTERone (Depo-Provera) IM [Vial ⇒ Vial] Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a
Receiving /	Receiving from Distributor: Standard
Storage /	Pharmacy Storage Area: Carousel
Preparation	Packaging/Reconstitution Location: n/a
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a
minimal	Omnicell load: Yes
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard
Nursing:	• Handling/administration PPE Requirements: Double CX gloves, gown, wash hands after handling
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell
Admin.	• Signage on Patient Door Required: No
	Closed System Storage Device: No
Exposure Risk: low	Manipulation of Dosage Form: n/a
IOW	• Special Manipulation for Administration: n/a
	Disposal of Drug Waste: Full- black bin, trace/packaging- yellow bin
Disposal /	Disposol of Used PPE: yellow bin
Spills	• Spill management: Wear CX gloves, items used to clean up spill should be placed in a sealed bag and put in
	blue bin
	tal Information: N/A
II =	tion of USP<800> Containment Requirements: Purchased in final dosage form for dispensing, product is drawn
up by nursing on ur	nit, proper protections in place for administration

megestrol (Meg	gace) PO [UD ⇒ UD] Antineoplast	tic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Designated area/ CX gloves	
Storage /	Pharmacy Storage Area: Hazardous	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: Yes	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage / Admin. Exposure Risk: low	 Handling/administration PPE Requirements: PO- Single CX gloves, tube- double CX gloves and gown hands after handling Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell Signage on Patient Door Required: Yes Closed System Storage Device: Yes Manipulation of Dosage Form: Tablet crushed via RxCrush. Soln to be drawn up by nursing at bedside Special Manipulation for Administration: n/a 	ı, wash
Disposal / Spills	 Disposal of Drug Waste: Full- black bin, trace- yellow bin Disposol of Used PPE: yellow bin Spill management: n/a 	
NIOSH Supplemen	ntal Information: Nursing should be discontinued if megestrol is required. Women at risk of pregnancy s	should

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not

require additional manipulation for dispensing.

Updated: 4/4/2024

require additional manipulation for dispensing.

gene	eric (Brand) Route [Packaging: Manufacturer ⇒ Dispense] NIOSH Group
mercaptopurin	e (Purintehol, Purixan) PO [Bulk ⇒ Blister UD] Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: Double CX gloves, gown
Receiving /	Receiving from Distributor: Designated area/ CX gloves
Storage /	Pharmacy Storage Area: Hazardous
Preparation	Packaging/Reconstitution Location: Repackaging area
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a
low	Omnicell load: No
Transport	Transport (dose is placed inside a plastic sealable bag): Standard
Nursing: Storage / Admin. Exposure Risk: low	 Handling/administration PPE Requirements: PO- Single CX gloves, tube- double CX gloves and gown, wash hands after handling Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer Signage on Patient Door Required: Yes Closed System Storage Device: Yes Manipulation of Dosage Form: Done in Pharmacy Special Manipulation for Administration: n/a
Disposal / Spills	 Disposal of Drug Waste: Full- black bin, trace- yellow bin Disposol of Used PPE: yellow bin Spill management: n/a
NIOSH Supplemen	ital Information: N/A
	tion of USP<800> Containment Requirements: Does not require additional manipulation for administration; will
comply with USP 80	00 recommendation for preparation

methIMAzole (Tapazole) PO [UD ⇒ UD]	Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: No	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nurcing	• Handling/administration PPE Requirements: Single CX gloves, wash hands after han	dling
Nursing:	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	
Storage /	Signage on Patient Door Required: No	
Admin.	Closed System Storage Device: No	
Exposure Risk:	Manipulation of Dosage Form: Standard	
low	• Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Disposal /	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spills	Spill management: n/a	
NIOSH Supplemen	tal Information: appears in human breast milk	
Reason for exemp	tion of USP<800> Containment Requirements: Purchased in final dosage form: package	aed as unit dose. Does not

Updated: 4/4/2024

require additional manipulation for dispensing.

immediately is considered administration.

gene	eric (Brand) Route [Packaging: Manufacturer \Rightarrow Dispense] NIOSH G	roup
methotrexate	(Otrexup, Rasuvo, Rheumatrex, Trexall, Xatmep) PO [UD ⇒ UD] Antineoplasti	С
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Designated area/ CX gloves	
Storage /	Pharmacy Storage Area: Hazardous	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: No	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after handling	
Storage /	 Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer 	
Admin.	Signage on Patient Door Required: Yes	
Exposure Risk:	Closed System Storage Device: Yes	
low	Manipulation of Dosage Form: Done in Pharmacy	
1000	Special Manipulation for Administration: do not crush tablet	
Disposal /	Disposal of Drug Waste: Full- black bin, trace- yellow bin	
Spills	Disposol of Used PPE: yellow bin	
Spilis	• Spill management: n/a	
NIOSH Supplemen	ntal Information: N/A	
Reason for exemp	otion of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose.	Does not

Methotrexate	(Trexall) IM [Vial ⇒] Antineoplastic
Pharmacy:	• Handling/preparation PPE Requirements: Single CX glove, gown, and CSTD (as dosage form allows)
Receiving /	Receiving from Distributor: Designated area/ CX gloves
Storage /	Pharmacy Storage Area: Hazardous, Chemo zip locking bag
Preparation	Packaging/Reconstitution Location: n/a
Exposure Risk: moderate	Compounding (Non-Sterile/Sterile) Location: Required: Med Prep Area with Immediate Use Preparation standards
moderate	Omnicell load: No
Transport	Transport (dose is placed inside a plastic sealable bag): Double bag Single CX gloves
Niversity	Handling/administration PPE Requirements: Double CX glove, gown
Nursing:	• Storage of Finished dose in Nursing Area/Procedural Area: Picked up from Pharmacy
Storage / Admin.	• Signage on Patient Door Required: Yes
	Closed System Storage Device: Yes
Exposure Risk:	Manipulation of Dosage Form: 1 vial per syringe - label accordingly
moderate	• Special Manipulation for Administration: n/a
	Disposal of Drug Waste: Full- black bin
Disposal /	Trace- yellow bin
Spills	Disposol of Used PPE: Yellow bin
Spilis	• Spill management: Wear CX gloves;
	items used to clean up spill should be placed in a sealed bag and put in yellow bin
NIOSH Supplemen	ital Information: N/A
Reason for exemp	tion of USP<800> Containment Requirements: The act of drawing up an IM dose of methotrexate and giving it

Updated: 4/4/2024

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
methylergonov	rine (Methergine) PO [UD ⇒ UD]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	• Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after ha	ndling
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, O	mnicell
Admin.	• Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
1000	Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	• Disposol of Used PPE: trash bin (inside plastic bag)	
Эріпз	Spill management: n/a	
	ital Information: N/A	
	tion of USP<800> Containment Requirements: Purchased in final dosage form; packet	aged as unit dose. Does not
require additional r	manipulation for dispensing.	

methylergonov	ine (Methergine) IM [UD ⇒ UD]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Refrigerator	
Preparation	• Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
low	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage / Admin. Exposure Risk: medium	 Handling/administration PPE Requirements: Double CX gloves, gown Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: n/a Special Manipulation for Administration: Use Negative Pressue Technique where 	
Disposal / Spills	 Disposal of Drug Waste: Full- blue bin, trace/packaging- trash Disposol of Used PPE: yellow bin Spill management: Wear CX gloves, items used to clean up spill should be place 	d in a sealed bag and put in

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
miSOPROStol (Cytotec) PO [UD ⇒ UD]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after ha	andling
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, C)mnicell
Admin.	• Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
1000	• Special Manipulation for Administration: if tablet is split must add PPE of gown ar	nd mask
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	• Disposol of Used PPE: trash bin (inside plastic bag)	
эршэ	Spill management: n/a	
NIOSH Supplemen	tal Information: N/A	
II	tion of USP<800> Containment Requirements: Purchased in final dosage form; pack	aged as unit dose. May
cause infertility. May cause harm to unborn child.		

mitoMYcin (Mi	tosol) OPTH [UD ⇒ UD]	Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	• Receiving from Distributor: Designated area/ CX gloves	
Storage /	Pharmacy Storage Area: Chemo	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Transport container, single	CX gloves
Nursing:	Handling/administration PPE Requirements: Double CX gloves and gown	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Picked up from Pharma	су
Admin.	Signage on Patient Door Required: Yes	
	• Closed System Storage Device: Yes	
Exposure Risk: low	Manipulation of Dosage Form: n/a	
1000	Special Manipulation for Administration:	
Disposal /	Disposal of Drug Waste: Full- black bin, trace- yellow bin	
Spills	Disposol of Used PPE: yellow bin	
Spilis	Spill management: Manage like antineoplastic agents	
NIOSH Supplemen	tal Information: N/A	
Reason for exemption of USP<800> Containment Requirements: Not Specified		

Iredell Health System

USP <800> Hazardous Drugs Assessment of Risk

generic (Brand) Route [Packaging: Manufacturer ⇒ Dispense] NIOSH Group		
mycophenolate	e mofetil (Cellcept) PO [UD ⇒ UD]	Non - Antineoplastic
Pharmacy:	• Handling/preparation PPE Requirements: do not handle while pregnant; single C	CX gloves
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage / Admin. Exposure Risk: low	 Handling/administration PPE Requirements: do not open capsule, do not handle Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: do not open capsule, do not handle when the procedure of Draw Wester, Full Indian Areas (readle ging Areas) 	Omnicell
Disposal / Spills	 Disposal of Drug Waste: Full- blue bin, trace/packaging- trash Disposol of Used PPE: trash bin (inside plastic bag) Spill management: n/a 	

NIOSH Supplemental Information: BBW for embry of fetal toxicity, malignancies, and serious infections, increased risk of first-trimester pregnancy loss and increased risk of congenital malformations; Special Warning: Tablets should not be crushed and capsules should not be opened or crushed. Avoid inhalation or directcontact with skin or mucous membranse of the powder contained in capsules and oral suspension. If such contact occurs, wash thoroughly with soap and water, rinse eyes with plain water

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not require additional manipulation for dispensing.

mycophenolic a	acid (Myfortic) PO [Bulk ⇒ Packager] N	on - Antineoplastic
Pharmacy:	• Handling/preparation PPE Requirements: Single CX gloves, wash hands after handling	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: Repackaging area	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
low	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after handling	g
· · · · · · · · · · · · · · · · · · ·	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	
Storage / Admin.	Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
1000	• Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spills	• Spill management: n/a	
NIOSH Supplemen	tal Information: BBW for first trimester pregnancy loss and increased risk of congenital mo	alformations, BBW for

NIOSH Supplemental Information: BBW for first trimester pregnancy loss and increased risk of congenital malformations, BBW for lymphomas and other malignancies; genotoxic in vitro and in vivo

Reason for exemption of USP<800> Containment Requirements: Minimal manipulation for dispensing. Does not require additional manipulation for administering.

Updated: 4/4/2024

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
OXcarbazepine	(Oxtellar XR, Trileptal) PO [UD ⇒ UD]	Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
	• Handling/administration PPE Requirements: PO- Single CX gloves, tube- double CX	gloves and gown, wash
Nursing:	hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, C	Omnicell
Admin.	• Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
	Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
· ·	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spills	• Spill management: n/a	
NIOSH Supplemen	tal Information: Tumors observed in lab studies at 1/10 MRHD	
II	tion of USP<800> Containment Requirements: Purchased in final dosage form; pack	raged as unit dose. Does not
require additional r	manipulation for dispensing.	

oxytocin (Pitoc	in) IV [n/a]	Reproductive Risk
Pharmacy:	• Handling/preparation PPE Requirements: Single CX gloves, gown	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: Ideal: Positive pressure room	
low	Required: Med Prep Area with Immediate Use Preparation standards	
1011	Omnicell load: Yes	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, gown, wash hands af	ter handling
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Or	nnicell
Admin.	• Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: n/a	
1000	• Special Manipulation for Administration: n/a	
	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Disposal /	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spills	• Spill management: Wear CX gloves, items used to clean up spill should be placed in	a sealed bag and put in
	blue bin	
NIOSH Supplemen	tal Information: Harzardous only of women in 3rd trimester	
Reason for exemp	tion of USP<800> Containment Requirements: Not Specified	

Updated: 4/4/2024

require additional manipulation for dispensing.

		NIOSH Group
pamidronate (Aredia) IV [n/a] Reproductive Risk		Reproductive Risk
Pharmacy: Receiving / Storage / Preparation Exposure Risk: low	 Handling/preparation PPE Requirements: Single CX glove, gown and CSTD. Do not prepare if pregnant. Receiving from Distributor: Standard Pharmacy Storage Area: IV area Packaging/Reconstitution Location: n/a Compounding (Non-Sterile/Sterile) Location: Ideal: Positive pressure room Required: Med Prep Area with Immediate Use Preparation standards Omnicell load: No 	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage / Admin. Exposure Risk: medium	 Handling/administration PPE Requirements: Single CX gloves, gown Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: n/a Special Manipulation for Administration: Do not handle while pregnant 	
Disposal / Spills	 Disposal of Drug Waste: Full- blue bin, trace/packaging- trash Disposol of Used PPE: trash bin (inside plastic bag) Spill management: Wear CX gloves, items used to clean up spill should be placed in blue bin tal Information: Embryo-fetal toxicities at doses below recommended human doses 	a sealed bag and put in

PARoxetine (Pa	ixil) PO [UD ⇒ UD]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage / Admin. Exposure Risk: low	 Handling/administration PPE Requirements: Single CX gloves, wash hands after hat Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Comparison of Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: do not crush tablet 	=
Disposal / Spills	 Disposal of Drug Waste: Full- blue bin, trace/packaging- trash Disposol of Used PPE: trash bin (inside plastic bag) Spill management: n/a 	
pregnancy when to	NIOSH Supplemental Information: Increased risk of congenital abnormalities when taken in first trimester; complications in pregnancy when taken in 3rd trimester	
Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not		aged as unit dose. Does not

USP <800> Hazardous Drugs Assessment of Risk

	<u> </u>	
gene	generic (Brand) Route [Packaging: Manufacturer ⇒ Dispense] NIOSH Group	
phenytoin (Dilantin) IV [n/a] Non - Antineop		Non - Antineoplastic
Pharmacy: Receiving / Storage / Preparation Exposure Risk:	 Handling/preparation PPE Requirements: Single CX glove, gown, and CSTD Receiving from Distributor: Standard Pharmacy Storage Area: IV CSTD Area Packaging/Reconstitution Location: n/a Compounding (Non-Sterile/Sterile) Location: Ideal: Positive pressure room Required: Med Prep Area with Immediate Use Preparation standards 	
low Transport	Omnicell load: NoTransport (dose is placed inside a plastic sealable bag): Double bag, single CX gloves	
Nursing: Storage / Admin. Exposure Risk: medium	 Handling/administration PPE Requirements: Single CX glove, gown, use of CSTD Storage of Finished dose in Nursing Area/Procedural Area: Picked up from Pharmacy Signage on Patient Door Required: Yes Closed System Storage Device: Yes Manipulation of Dosage Form: n/a Special Manipulation for Administration: n/a 	,
Disposal / Spills	 Disposal of Drug Waste: Full- black bin, trace- yellow bin Disposol of Used PPE: yellow bin Spill management: Manage like antineoplastic agents 	
NIOSH Supplemental Information: IARC Group 1 carcinogen; NTP		
Described of USD 4000. Containment Described onto Described on D. No. NICCU requirements but is bishest Course		

Reason for exemption of USP<800> Containment Requirements: Preg Category D. No NIOSH requirements but is highest Group for carcinogen to humans; likely only by systemic absorption. For skin contact, remove contaminated clothing, flush area with large

amounts of water and soap.

phenytoin (Dila	antin, Phenytek) PO [UD ⇒ UD] Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a
Receiving /	Receiving from Distributor: Standard
Storage /	Pharmacy Storage Area: Carousel
Preparation	Packaging/Reconstitution Location: n/a
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a
minimal	Omnicell load: Yes
Transport	Transport (dose is placed inside a plastic sealable bag): Standard
	• Handling/administration PPE Requirements: PO- Single CX gloves, tube- double CX gloves and gown, wash
Nursing:	hands after handling
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell
Admin.	Signage on Patient Door Required: No
Exposure Risk:	Closed System Storage Device: No
low	Manipulation of Dosage Form: Standard
	Special Manipulation for Administration: n/a
Disposal /	Disposal of Drug Waste: Full- black bin, trace/packaging- yellow bin
Disposal /	Disposol of Used PPE: yellow bin
Spills	• Spill management: n/a
NIOSH Supplemen	ntal Information: IARC Group 1 carcinogen; NTP
Reason for exemp	tion of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not
require additional r	manipulation for dispensing.

Updated: 4/4/2024

gene	generic (Brand) Route [Packaging: Manufacturer ⇒ Dispense] NIOSH Group	
progesterone (Endometrin, Prometrium) PO [Bulk ⇒ Packager] Non - Antineoplastic	
Pharmacy:	Handling/preparation PPE Requirements: Single CX gloves, wash hands after handling	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: Repackage area	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
low	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell	
Admin.	Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
1000	• Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	Disposol of Used PPE: trash bin (inside plastic bag)	
эршэ	Spill management: n/a	
NIOSH Supplemen	NIOSH Supplemental Information: N/A	
11	tion of USP<800> Containment Requirements: Minimal manipulation for dispensing. Does not require additional	
manipulation for administering.		

propylthiourac	il (PTU) PO [UD ⇒ UD] Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a
Receiving /	Receiving from Distributor: Standard
Storage /	Pharmacy Storage Area: Carousel
Preparation	Packaging/Reconstitution Location: n/a
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a
minimal	Omnicell load: No
Transport	Transport (dose is placed inside a plastic sealable bag): Standard
	• Handling/administration PPE Requirements: PO- Single CX gloves, tube- double CX gloves and gown, wash
Nursing:	hands after handling
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell
Admin.	Signage on Patient Door Required: No
Exposure Risk:	Closed System Storage Device: No
low	Manipulation of Dosage Form: Standard
	Special Manipulation for Administration: n/a
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash
Disposal /	Disposol of Used PPE: trash bin (inside plastic bag)
Spills	• Spill management: n/a
NIOSH Supplemen	ntal Information: IARC Group 2B; NTP***
Reason for exemp	tion of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not
require additional r	manipulation for dispensing.

Updated: 4/4/2024

require additional manipulation for dispensing.

require additional manipulation for dispensing.

USP <800> Hazardous Drugs Assessment of Risk

gene	eric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
raloxifene (Evis	sta) PO [UD ⇒ UD]	Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: No	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, wash hands after h	nandling
II	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	
Storage / Admin.	Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
1000	Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spills	Spill management: n/a	
NIOSH Supplement at low doses	ital Information: Abortion and developmental abnormalities seen at low doses in lab	b studies, evidence of tumors

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not

spironolactone	(Aldactone) PO [UD ⇒ UD]	Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: Yes	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
	• Handling/administration PPE Requirements: PO- Single CX gloves, tube- double	CX gloves and gown, wash
Nursing:	hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer,	Omnicell
Admin.	• Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
	• Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Disposal /	Disposol of Used PPE: trash bin (inside plastic bag)	
Spills	• Spill management: n/a	
NIOCII Cla	tal Information: BBW for tumorogenicity in lab studies	

Updated: 4/4/2024

USP <800> Hazardous Drugs Assessment of Risk

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
tacrolimus (Pro	graf) PO [UD ⇒ UD]	Non - Antineoplasti
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage / Admin. Exposure Risk: low	 Handling/administration PPE Requirements: PO- Single CX gloves, tube- double hands after handling Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard 	
	Special Manipulation for Administration: n/a Disposal of Drug Waster, Full, blue bin, trace/packaging, trach	_
Disposal / Spills	 Disposal of Drug Waste: Full- blue bin, trace/packaging- trash Disposol of Used PPE: trash bin (inside plastic bag) Spill management: n/a 	

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not require additional manipulation for dispensing.

tamoxifen (No	vadex, Soltamox) PO [UD ⇒ UD]	Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	 Receiving from Distributor: Designated area/ CX gloves 	
Storage /	Pharmacy Storage Area: Hazardous	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
	• Handling/administration PPE Requirements: PO- Single CX gloves, tube- double	CX gloves and gown, wash
Nursing:	hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer,	, Omnicell
Admin.	• Signage on Patient Door Required: Yes	
Exposure Risk:	Closed System Storage Device: Yes	
low	Manipulation of Dosage Form: Done in Pharmacy	
	Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- black bin, trace- yellow bin	
•	Disposol of Used PPE: yellow bin	
Spills	• Spill management: n/a	
NIOSH Supplemen	tal Information: IARC Group 1 carcinogen; NTP***	
Reason for exemp	tion of USP<800> Containment Requirements: Purchased in final dosage form; pa	ckaged as unit dose. Does not

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not require additional manipulation for dispensing.

Iredell Health System

USP <800> Hazardous Drugs Assessment of Risk

Pharmacy: Receiving / Storage / Preparation Exposure Risk: minimal Nursing: Storage / Admin. Exposure Risk: low Packaging/Preparation PPE Requirements: n/a • Receiving from Distributor: Standard • Pharmacy Storage Area: CSM • Packaging/Reconstitution Location: n/a • Compounding (Non-Sterile/Sterile) Location: n/a • Compounding (Non-Sterile/Sterile) Location: n/a • Omnicell load: Yes • Transport • Transport • Transport (dose is placed inside a plastic sealable bag): Standard • Handling/administration PPE Requirements: Single CX gloves, wash hands after handling • Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell • Signage on Patient Door Required: No • Closed System Storage Device: No • Manipulation of Dosage Form: Standard • Special Manipulation for Administration: n/a • Disposal of Drug Waste: Full- RX Destroyer, packaging- trash	gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
Receiving / Storage / Pharmacy Storage Area: CSM Preparation Exposure Risk: Omnicell load: Yes Transport Nursing: Storage / Admin. Exposure Risk: Iow Packaging/Reconstitution Location: n/a • Compounding (Non-Sterile/Sterile) Location: n/a • Compounding (Non-Sterile/Sterile) Location: n/a • Omnicell load: Yes Transport • Transport (dose is placed inside a plastic sealable bag): Standard • Handling/administration PPE Requirements: Single CX gloves, wash hands after handling • Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell • Signage on Patient Door Required: No • Closed System Storage Device: No • Manipulation of Dosage Form: Standard • Special Manipulation for Administration: n/a	temazepam (R	estoril) PO [UD ⇒ UD]	Non - Antineoplastic
 Storage / Preparation Packaging/Reconstitution Location: n/a Compounding (Non-Sterile/Sterile) Location: n/a Omnicell load: Yes Transport Transport (dose is placed inside a plastic sealable bag): Standard Handling/administration PPE Requirements: Single CX gloves, wash hands after handling Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: n/a Disposal of Drug Waste: Full- RX Destroyer packaging- trash 	Pharmacy:	Handling/preparation PPE Requirements: n/a	
 Preparation Exposure Risk:	Receiving /	Receiving from Distributor: Standard	
 Exposure Risk: minimal Omnicell load: Yes Transport Transport (dose is placed inside a plastic sealable bag): Standard Handling/administration PPE Requirements: Single CX gloves, wash hands after handling Storage / Admin. Exposure Risk: low Glosed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: n/a Disposal of Drug Waste: Full- RX Destroyer, packaging-trash 	Storage /	Pharmacy Storage Area: CSM	
Transport Nursing: Storage / Admin. Exposure Risk: low Omnicell load: Yes Transport • Transport (dose is placed inside a plastic sealable bag): Standard • Handling/administration PPE Requirements: Single CX gloves, wash hands after handling • Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell • Signage on Patient Door Required: No • Closed System Storage Device: No • Manipulation of Dosage Form: Standard • Special Manipulation for Administration: n/a • Disposal of Drug Waste: Full- RX Destroyer, packaging- trash	Preparation	Packaging/Reconstitution Location: n/a	
Transport Nursing: Storage / Admin. Exposure Risk: low Transport (dose is placed inside a plastic sealable bag): Standard Handling/administration PPE Requirements: Single CX gloves, wash hands after handling Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: n/a Disposal of Drug Waste: Full- RX Destroyer, packaging- trash	Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
Nursing: Storage / Admin. Exposure Risk: low Handling/administration PPE Requirements: Single CX gloves, wash hands after handling Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: n/a Disposal of Drug Waste: Full- RX Destroyer, packaging- trash	minimal	Omnicell load: Yes	
Storage / Admin. Exposure Risk: low Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: n/a Disposal of Drug Waste: Full- RX Destroyer, packaging-trash	Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
 Disposal of Drug Waste: Full- RX Destroyer, packaging- trash 	Storage / Admin. Exposure Risk:	 Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawe Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard 	=
• Disposal / • Disposol of Used PPE: trash bin (inside plastic bag) • Spill management: n/a	Disposal / Spills	· · · · · · · · · · · · · · · · · · ·	

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not require additional manipulation for dispensing.

temazepam (R	estoril) PO [Bulk ⇒ UD]	Non - Antineoplastic
Pharmacy:	• Handling/preparation PPE Requirements: Single CX gloves, wash hands after h	nandling
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: CSM	
Preparation	Packaging/Reconstitution Location: Repackage area	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: Yes	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing	• Handling/administration PPE Requirements: Single CX gloves, wash hands after	er handling
Nursing:	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Draw	er, Omnicell
Storage /	Signage on Patient Door Required: No	
Admin.	Closed System Storage Device: No	
Exposure Risk:	Manipulation of Dosage Form: Standard	
low	• Special Manipulation for Administration: n/a	
Diamond /	Disposal of Drug Waste: Full- RX Destroyer, packaging- trash	
Disposal /	 Disposol of Used PPE: trash bin (inside plastic bag) 	
Spills	Spill management: n/a	

Reason for exemption of USP<800> Containment Requirements: *Minimal manipulation for dispensing. Does not require additional manipulation for administering.*

require additional manipulation for dispensing.

Iredell Health System

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
testosterone (D	Depo-T) IM [n/a]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: CSM	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing:	• Handling/administration PPE Requirements: Single CX gloves, gown, wash hands	s after handling
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Picked up from Pharm	nacy
Admin.	Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: n/a	
1000	• Special Manipulation for Administration: n/a	
	Disposal of Drug Waste: Full- RX Destroyer, packaging- trash	
Disposal /	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spills	• Spill management: Wear CX gloves, items used to clean up spill should be placed	d in a sealed bag and put in
	blue bin	
NIOSH Supplemen	tal Information: Children should avoid contact with unwashed or unclothed applica	ation sites on skin
Reason for exemp	tion of USP<800> Containment Requirements: Not Specified	

topiramate (To	ppamax) PO [UD ⇒ UD] Reproductive F	Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: Yes	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage /	 Handling/administration PPE Requirements: PO- Single CX gloves, tube- double CX gloves and gown, whands after handling Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Omnicell 	vash
Admin. Exposure Risk: low	 Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: n/a 	
Disposal / Spills	 Disposal of Drug Waste: Full- blue bin, trace/packaging- trash Disposol of Used PPE: trash bin (inside plastic bag) Spill management: n/a 	
NIOSH Supplemen	ntal Information: N/A	
Reason for exemp	otion of USP<800> Containment Requirements: Purchased in final dosage form: packaged as unit dose. D	nes not

require additional manipulation for dispensing.

contact - wash immediately with soap and water.

gene	eric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
valGANciclovir	(Valcyte) PO [UD ⇒ UD]	Non - Antineoplastic
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: No	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage /	 Handling/administration PPE Requirements: PO- Single CX gloves, tube- double of hands after handling Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer 	CX gloves and gown, wash
Admin. Exposure Risk: low	 Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: n/a 	
Disposal / Spills	 Disposal of Drug Waste: Full- blue bin, trace/packaging- trash Disposol of Used PPE: trash bin (inside plastic bag) Spill management: n/a 	
	ital Information: N/A tion of USP<800> Containment Requirements: Purchased in final dosage form; page	

valproic acid (D	Pepacon) IV [n/a]	Reproductive Risk
	Handling/preparation PPE Requirements: Single CX glove, gown, and CSTD	
Pharmacy: Receiving / Storage / Preparation Exposure Risk: low	Do not prepare if pregnant. Receiving from Distributor: Standard Pharmacy Storage Area: IV CSTD Area Packaging/Reconstitution Location: n/a Compounding (Non-Sterile/Sterile) Location: Ideal: Positive pressure room Required: Med Prep Area with Immediate Use Preparation standards Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Double bag, single CX gloves	
Nursing: Storage / Admin. Exposure Risk: low	 Handling/administration PPE Requirements: Single CX glove, gown, use of CSTD Storage of Finished dose in Nursing Area/Procedural Area: Picked up from Pharmacy Signage on Patient Door Required: Yes Closed System Storage Device: Yes Manipulation of Dosage Form: n/a Special Manipulation for Administration: n/a 	
	 Disposal of Drug Waste: Full- black bin, trace- yellow bin Disposol of Used PPE: yellow bin Spill management: Manage like antineoplastic agents tal Information: BBW for teratogenicity; congenital malformations, including neural tube 	pe defects; teratogenic in
muliple species Reason for exemp	tion of USP<800> Containment Requirements: Preg Category D. Risks are related to sys	stemic absorption. Skin

Updated: 4/4/2024

minimized per MSDS.

USP <800> Hazardous Drugs Assessment of Risk

gene	eric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
valproic acid ([Depakene, Depakote) PO [UD ⇒ UD]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	 Packaging/Reconstitution Location: n/a 	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: Yes	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
	• Handling/administration PPE Requirements: PO- Single CX gloves, tube- double	e CX gloves and gown, wash
Nursing:	hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	r, Omnicell
Admin.	Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
	Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Disposal /	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spills	Spill management: n/a	
NIOSH Supplemen	ital Information: BBW for teratogenicity; congenital malformations, including neur	ral tube defects; teratogenic in
muliple species		

muliple species

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not require additional manipulation for dispensing.

voriconazole (\	fend) IV [n/a]	Reproductive Risk
Pharmacy:	• Handling/preparation PPE Requirements: Double CX gloves, gown, CSTD	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: IV CSTD Area	
Preparation	• Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: Ideal: Positive pressure room	
low	Required: Med Prep Area with Immediate Use Preparation standards	
1011	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Double bag, single CX gloves	
Nursing:	• Handling/administration PPE Requirements: Single CX glove, gown, use of CSTD	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Picked up from Pharmacy	,
Admin.	• Signage on Patient Door Required: Yes	
Exposure Risk:	• Closed System Storage Device: Yes	
	Manipulation of Dosage Form: n/a	
low	• Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- black bin, trace- yellow bin	
Disposal /	Disposol of Used PPE: yellow bin	
Spills	Spill management: Manage like antineoplastic agents	
NIOSH Supplemen	tal Information: N/A	
Reason for exemp	tion of USP<800> Containment Requirements: Preg Category D. Release to the environ	nment should be

Updated: 4/4/2024

require additional manipulation for dispensing.

gene	eric (Brand) Route [Packaging: Manufacturer \Rightarrow Dispense] NIOSH	Group
voriconazole (\	Vfend) PO [UD ⇒ UD] Reproductiv	e Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: No	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
	• Handling/administration PPE Requirements: PO- Single CX gloves, tube- double CX gloves and gow	n, wash
Nursing:	hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	
Admin.	Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
	Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	 Disposol of Used PPE: trash bin (inside plastic bag) 	
Spilis	• Spill management: n/a	
NIOSH Supplemen	ntal Information: N/A	
II -	otion of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dos	e. Does not
require additional r	manipulation for dispensing.	

warfarin (Coun	nadin, Jantoven) PO [UD ⇒ UD]	Reproductive Ris
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
minimal	Omnicell load: Yes	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
	• Handling/administration PPE Requirements: Mouth - Single pair of CX approve	d gloves.
Nursing:	Tube - double CX gloves and gown. Wash hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	r, Omnicell
Admin.	Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
	• Special Manipulation for Administration: n/a	
Diamagal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Disposal / Spills	• Disposol of Used PPE: trash bin (inside plastic bag)	
	Spill management: n/a	
NOSH Supplemen	ital Information: N/A	

Updated: 4/4/2024

USP <800> Hazardous Drugs Assessment of Risk

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
ziprasidone (Go	eodon) PO [UD ⇒ UD]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: No	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
	• Handling/administration PPE Requirements: Single pair of CX approved gloves	
Nursing:	Wash hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	
Admin.	Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: Standard	
	• Special Manipulation for Administration: n/a	
Disposal /	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Spills	• Disposol of Used PPE: trash bin (inside plastic bag)	
	Spill management: n/a	

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form; packaged as unit dose. Does not require additional manipulation for dispensing.

ziprasidone (Go	eodon) IM [n/a]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	 Compounding (Non-Sterile/Sterile) Location: n/a 	
low	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
	Handling/administration PPE Requirements: Single CX glove, gown	
Nursing:	Wash hands after handling	
Storage /	• Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer	, Omnicell
Admin.	• Signage on Patient Door Required: No	
Exposure Risk:	Closed System Storage Device: No	
low	Manipulation of Dosage Form: n/a	
	Special Manipulation for Administration: n/a	
	Disposal of Drug Waste: Full- blue bin, trace/packaging- trash	
Disposal /	• Disposol of Used PPE: trash bin (inside plastic bag)	
Spills	• Spill management: Wear CX gloves, items used to clean up spill should be place	d in a sealed bag and put in
	blue bin	

NIOSH Supplemental Information: Developmental toxicity, including possible teratogenic effects at doses similar to human therapeutic doses; an increase in the number of pups borndead and a decrease in postnatal survival at less than MRHD

Updated: 4/4/2024 Iredell Health System page 34 of 37

USP <800> Hazardous Drugs Assessment of Risk

Reason for exemption of USP<800> Containment Requirements: Purchased in final dosage form for dispensing, product is drawn up by nursing on unit, proper protections in place for administration. Wash off immediately with plenty of water for at least 15 minutes.

*This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Updated: 4/4/2024

Disposal /

Spills

USP <800> Hazardous Drugs Assessment of Risk

gene	eric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
zoledronic acid	(Reclast - Ready to hang) IV [n/a]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	Packaging/Reconstitution Location: n/a	
Exposure Risk:	Compounding (Non-Sterile/Sterile) Location: n/a	
minimial	Omnicell load: Yes	
Transport	Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage / Admin. Exposure Risk: medium Disposal / Spills	 Handling/administration PPE Requirements: Single CX glove and gown Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Signage on Patient Door Required: Yes Closed System Storage Device: Yes Manipulation of Dosage Form: n/a Special Manipulation for Administration: Do not handle while pregnant Disposal of Drug Waste: Full- black bin, trace- yellow bin Disposol of Used PPE: yellow bin 	Omnicell
NIOSH Supplemen	• Spill management: Manage like antineoplastic agents Ital Information: Number of stillbirths increased and survival of neonates decreased Ital Information: Number of stillbirths increased and survival of neonates decreased Italian of USP<800> Containment Requirements: Preg Category D. For skin contact, regulated amounts of water and soap.	

zoledronic acid (Zometa) IV [n/a] Reproductive Risk • Handling/preparation PPE Requirements: Single CX glove and gown; use of CSTD **Pharmacy:** Do not prepare if pregnant. • Receiving from Distributor: Standard Receiving / Storage / • Pharmacy Storage Area: IV Room Preparation • Packaging/Reconstitution Location: n/a • Compounding (Non-Sterile/Sterile) Location: Ideal: Positive pressure room Exposure Risk: Required: Med Prep Area with Immediate Use Preparation standards medium • Omnicell load: No **Transport** • Transport (dose is placed inside a plastic sealable bag): Standard • Handling/administration PPE Requirements: Single CX glove, gown, use of CSTD **Nursing:** • Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer Storage / • Signage on Patient Door Required: Yes Admin. • Closed System Storage Device: Yes Exposure Risk: Manipulation of Dosage Form: n/a medium • Special Manipulation for Administration: Do not handle while pregnant • Disposal of Drug Waste: Full- black bin, trace- yellow bin

NIOSH Supplemental Information: Number of stillbirths increased and survival of neonates decreased in lab studies at low doses

Reason for exemption of USP<800> Containment Requirements: Preg Category D. For skin contact, remove contaminated clothing, flush area with large amounts of water and soap.

• Disposol of Used PPE: yellow bin

• Spill management: Manage like antineoplastic agents

gene	ric (Brand) Route [Packaging: Manufacturer ⇒ Dispense]	NIOSH Group
zonisamide (Zo	negran) PO [UD ⇒ UD]	Reproductive Risk
Pharmacy:	Handling/preparation PPE Requirements: n/a	
Receiving /	Receiving from Distributor: Standard	
Storage /	Pharmacy Storage Area: Carousel	
Preparation	• Packaging/Reconstitution Location: n/a	
Exposure Risk:	• Compounding (Non-Sterile/Sterile) Location: n/a	
minimal	Omnicell load: Yes	
Transport	• Transport (dose is placed inside a plastic sealable bag): Standard	
Nursing: Storage / Admin. Exposure Risk: low	 Handling/administration PPE Requirements: PO- Single CX gloves, tube- double of hands after handling Storage of Finished dose in Nursing Area/Procedural Area: Patient Med Drawer, Signage on Patient Door Required: No Closed System Storage Device: No Manipulation of Dosage Form: Standard Special Manipulation for Administration: Do not handle while pregnant 	
Disposal / Spills	 Disposal of Drug Waste: Full- blue bin, trace/packaging- trash Disposol of Used PPE: trash bin (inside plastic bag) Spill management: n/a 	
	tal Information: Teratogenic in multiple miscellaneous animal studies	
=	tion of USP<800> Containment Requirements: Purchased in final dosage form; pac nanipulation for dispensing.	kaged as unit dose. Does not

USP <800> Hazardous Drugs Assessment of Risk

Brand Name Index

Depakene - see valproic acid

Aldactone - see spironoloactone

Arava - see leflunomide

Arimidex - see anastrozole

Avodart - see dutasteride

Casodex - see bicalutamide

Alora - see estradiol

Aredia - see pamidronate

Aromasin - see exemestane

Carbatrol - see carBAMazepine

Cellcept - see mycophenolate mofetil

Cenestin - see estrogens, conjugated
Cervidil - see dinoprostone topical
Colcrys - see colchicine
Cytotec - see miSOPROStol

Cerebyx - see fosphenytoin
Climara - see estradiol
Coumadin - see warfarin
Cytovene - see ganciclovir

Depakote - see valproic acid Depo-Provera - see medroxyPROGESTERone

Depo-T - see testosterone Diflucan - see fluconazole
Dilantin - see phenytoin Droxia - see hydroxyurea

Endometrin - see progesterone Enjuvia - see estrogens, conjugated

Esclim - see estradiol Estraderm - see estradiol Estraderm - see estradiol Estratest HS - see esterified estrogens and methyltestostc Evista - see raloxifene

Femara - see letrozole
Geodon - see ziprasidone
Jantoven - see warfarin
Megace - see megestrol

Gengraf - see cycloSPORINE
Hydrea - see hydroxyurea
KlonoPIN - see clonazePAM
Menest - see estrogens, esterified

Menostar - see estradiolMinivelle - see estradiolMitigare - see colchicineMitosol - see mitoMYcinMultaq - see dronedaroneMyfortic - see mycophenolic acid

Neoral - see cycloSPORINE Nolvadex - see tamoxifen

Otrovup - see methetrovete

Otrexup - see methotrexate Oxtellar XR - see OXcarbazepine
Paxil - see PARoxetine Phenytek - see phenytoin

Pitocin - see oxytocin Premarin - see estrogens, conjugated

Prepidil - see dinoprostone topical Prograf - see tacrolimus

Prometrium - see progesterone Propecia - see finasteride

Proscar - see finasteride Prostin E2 - see dinoprostone topical

Provera - see medroxyPROGESTERone
Purinethol - see mercaptopurine
Rasuvo - see methotrexate
Reclast - see zoledronic acid

Restoril - see temazepam Rheumatrex - see methotrexate

SandIMMUNE - see cycloSPORINE

Siklos - see hydroxyurea

Tapazole - see methIMAzole

Tarceva - see erlotinib

TeGretol - see carBAMazepine

Topamax - see topiramate

Trileptal - see OXcarbazepine

Viend - see voriconazole

Vivelle - see estradiol

Siklos - see hydroxyurea

Tapazole - see methIMAzole

TEGretol - see carBAMazepine

Valcyte - see wethotrexate

Valcyte - see valGANciclovir

Vivelle - see estradiol

Vivelle - see estradiol

Vivelle - see estradiol Vivelle-Dot - see estradiol Xatmep - see methotrexate Ziagen - see abacavir

Zirgan - see ganciclovir Zometa - see zoledronic acid

Zonegran - see zonisamide

Depacon - see valproic acid