Compound Preparation

pantoprazole IVPB to syringes
for IV administration

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Site News

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2/24/2009 - Zonisamide (ZONEGRAN) - metabolic acidosis: FDA notified healthcare professionals that updated ...

RxToolkit Daily Dose

Title: RxADMIX: pantoprazole (PROTONIX) 10 mL Syringe Preparation Procedure

Date: 3/3/2009

DRUG PACKAGING SYRINGE	pantoprazole Infusion — (PROTONIX IV)

Background: Safe use of pantoprazole IV as 2 minute infusion

Comparative tolerability of 2- and 15-minute intravenous infusions of pantoprazole Micalizzi M, Fraga P, Meng X; Am J Health Syst Pharm. 2007 Sep 1;64(17):1822-6	CONCLUSION: The safety and tolerability profiles of i.v. pantoprazole administered as a 2-minute infusion were similar to those of the 15-minute infusion. This protocol may result in the savings of staff time with no additional discomfort to the patient

Background: Stability of pantoprazole in syringes

Stability of pantoprazole in 0.9% sodium chloride injection in polypropylene syringes Johnson CE.; Am J Health Syst Pharm. 2005 Nov 15;62(22):2410-2	CONCLUSION: Pantoprazole sodium 4 mg/mL in 0.9% sodium chloride injection was stable for at least 96 hours when stored at 3–5 or 23– 25 °C. If further diluted, the final solution should be used within 96 hours. The preparation should be refrigerated if it is stored beyond 48 hours to minimize the potential for solution color changes.

RxADMIX: Procedure for Preparing 10 mL syringes of pantoprazole 40 mg / 10 mL in 0.9% SODium CHloride (PF)	Rx:ADMIX: Click Here

RESOURCE INFORMATION

Drug Information	Package Insert from National Library of Medicine	Click Here
Therapy Specific Information	**Suggested Search Term:** In the search box on the right, cut and paste or type: **pantoprazole** and click on search.	**Search MedlinePlus:** Search

REFERENCE

Each worksheet starts with a Drug Home Page

- **Links to Pertinent References**

Each worksheet starts with a Drug Home Page

- Links to Pertinent References
- **Link to RxADMIX Drug Preparation Worksheet**

Each worksheet starts with a Drug Home Page

- Links to Pertinent References
- Link to RxADMIX Drug Preparation Worksheet
- **Link to Drug Package Insert**

Each worksheet starts with a Drug Home Page

- Links to Pertinent References
- Link to RxADMIX Drug Preparation Worksheet
- Link to Drug Package Insert
- **Link to Medline Plus with Search Box**

RxScan Preventing Medication Errors™ Instant NDC™

RxScan for Medication Safety
2478 Lackey Old State Rd Delaware, OH 43015 800-572-2648

pantoprazole (PROTONIX)
Syringe
40 mg / 10 mL
(4 mg / mL)
0.9% SODium CHLoride

MATERIALS	pantoprazole 40 mg vial(s)	0.9% SODium CHLoride (PF) - 50 mL vial(s)
	Vented Needle (optional) (1)	--

Compounding Location	Laminar Air Flow Workstation (LAFW)
	Use Aseptic Technique in Preparation of this Product
	Follow USP Chapter 797 Guidelines for your hospital compounding environment

	Enter the number of syringes to prepare in this batch:	#
1	FOR EACH VIAL: Withdraw 10 mL from a 50 mL vial of 0.9% SODium CHLoride Injection (PF)	0.9% SODium CHLoride (PF) 50 mL vial 00409-4888-50
	Syringe Check for Volume / Ingredient	RPh:
2	Inject 10 mL 0.9% SODium CHLoride (PF) into EACH 40 mg vial of pantoprazole (PROTONIX)	pantoprazole 40 mg vial 00008-0923-51
	Syringe Check for Volume / Ingredient	RPh:
3	Withdraw the 10 mL of pantoprazole 40 mg / 10 mL into a sterile 10 mL syringe and apply sterile cap closure	
	Syringe Check for Volume / Ingredient	RPh:
4	Yield: 40 mg / 10 mL - 4 mg / mL	
5	**Syringe Label** **pantoprazole 40 mg / 10 mL (4 mg/mL) in 0.9% SODium CHLoride (PF)** *This label will print with a barcode representing the following NDC: 00008-0923-51-110, which is pantoprazole 40 mg / 10 mL in NSS*	pantoprazole 4 mg/mL in NSS 10 mL Syringe (click here to print label)
6	Print the appropriate number of labels and label each syringe.	
7	**Overwarp Label (optional)**	pantoprazole 4 mg/mL in NSS

Done

Drug Preparation Worksheet

- **List of Materials**

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pantoprazole (PROTONIX)
Syringe
40 mg / 10 mL
(4 mg / mL)
0.9% SODium CHLoride

pantoprazole 40 mg vial(s)	0.9% SODium CHLoride (PF) - 50 mL vial(s)
Vented Needle (optional) (1)	--

Compounding Location	Laminar Air Flow Workstation (LAFW)
	Use Aseptic Technique in Preparation of this Product
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	Syringe Check for Volume / Ingredient	RPh:
2	Inject 10 mL 0.9% SODium CHLoride (PF) into EACH 40 mg vial of pantoprazole (PROTONIX)	pantoprazole 40 mg vial 00008-0923-51
	Syringe Check for Volume / Ingredient	RPh:
3	Withdraw the 10 mL of pantoprazole 40 mg / 10 mL into a sterile 10 mL syringe and apply sterile cap closure	
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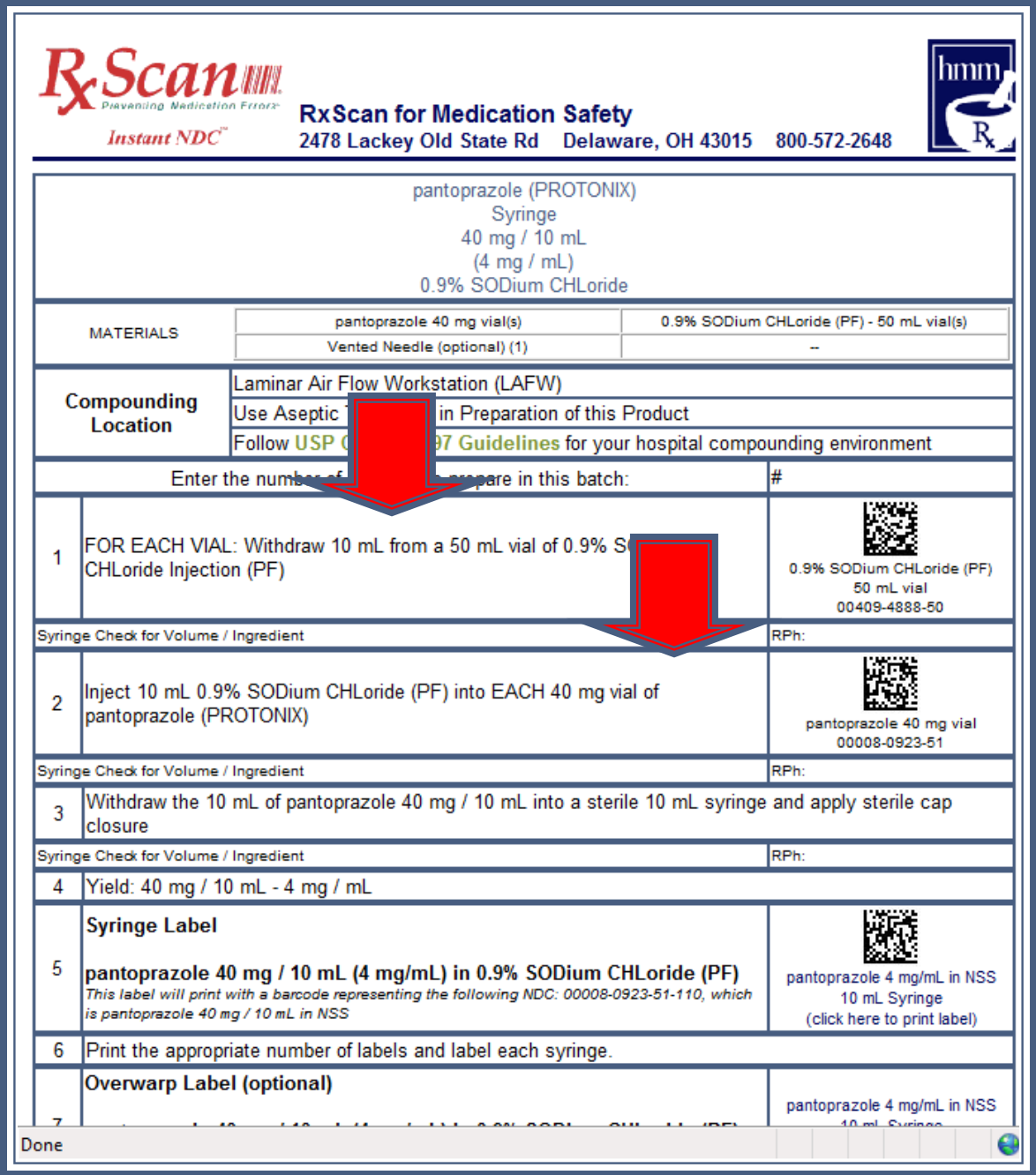
6	Print the appropriate number of labels and label each syringe.	
7	**Overwarp Label (optional)**	pantoprazole 4 mg/mL in NSS

Done

Drug Preparation Worksheet

- List of Materials
- **Recommended Compounding Environment**
- **Link to USP 797 Information**



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pantoprazole (PROTONIX)
Syringe
40 mg / 10 mL
(4 mg / mL)
0.9% SODium CHLoride

MATERIALS	pantoprazole 40 mg vial(s)	0.9% SODium CHLoride (PF) - 50 mL vial(s)
	Vented Needle (optional) (1)	--

Compounding Location	Laminar Air Flow Workstation (LAFW)	
	Use Aseptic T in Preparation of this Product	
	Follow USP C 97 Guidelines for your hospital compounding environment	
Enter the number of prepare in this batch:		#
1	FOR EACH VIAL: Withdraw 10 mL from a 50 mL vial of 0.9% S CHLoride Injection (PF)	0.9% SODium CHLoride (PF) 50 mL vial 00409-4888-50
Syringe Check for Volume / Ingredient		RPh:
2	Inject 10 mL 0.9% SODium CHLoride (PF) into EACH 40 mg vial of pantoprazole (PROTONIX)	pantoprazole 40 mg vial 00008-0923-51
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6	Print the appropriate number of labels and label each syringe.	
7	**Overwarp Label (optional)**	pantoprazole 4 mg/mL in NSS

Done

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Drug Preparation Worksheet

- List of Materials
- Recommended Compounding Environment
- Link to USP 797 Information

- **Detailed instructions for each step of compounding procedure (these can be customized for your hospital)**

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pantoprazole (PROTONIX)
Syringe
40 mg / 10 mL
(4 mg / mL)
0.9% SODium CHLoride

MATERIALS	pantoprazole 40 mg vial(s)	0.9% SODium CHLoride (PF) - 50 mL vial(s)
	Vented Needle (optional) (1)	--

Compounding Location	
	Laminar Air Flow Workstation (LAFW)
	Use Aseptic Technique in Preparation of this Product
	Follow USP Chapter 797 Guidelines for your hospital compounding e

	Enter the number of syringes to prepare in this batch:	#
1	FOR EACH VIAL: Withdraw 10 mL from a 50 mL vial of 0.9% SODium CHLoride Injection (PF)	0.9% SODium CHLoride (PF) 50 mL vial 00409-4888-50
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6	Print the appropriate number of labels and label each syringe.	
7	**Overwarp Label (optional)**	pantoprazole 4 mg/mL in NSS

Done

Drug Preparation Worksheet

- **NDC barcodes images for each drug and or diluent used in preparation of compound**

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pantoprazole (PROTONIX)
Syringe
40 mg / 10 mL
(4 mg / mL)
0.9% SODium CHLoride

MATERIALS	pantoprazole 40 mg vial(s)	0.9% SODium CHLoride (PF) - 50 mL vial(s)
	Vented Needle (optional) (1)	--

Compounding Location	Laminar Air Flow Workstation (LAFW)
	Use Aseptic Technique in Preparation of this Product
	Follow USP Chapter 797 Guidelines for your hospital compounding e

	Enter the number of syringes to prepare in this batch:	#
1	FOR EACH VIAL: Withdraw 10 mL from a 50 mL vial of 0.9% SODium CHLoride Injection (PF)	0.9% SODium CHLoride (PF) 50 mL vial 00409-4888-50
	Syringe Check for Volume / Ingredient	RPh:
2	Inject 10 mL 0.9% SODium CHLoride (PF) into EACH 40 mg vial of pantoprazole (PROTONIX)	pantoprazole 40 mg vial 00008-0923-51
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6	Print the appropriate number of labels and label each syringe.	
7	**Overwarp Label (optional)**	pantoprazole 4 mg/mL in NSS

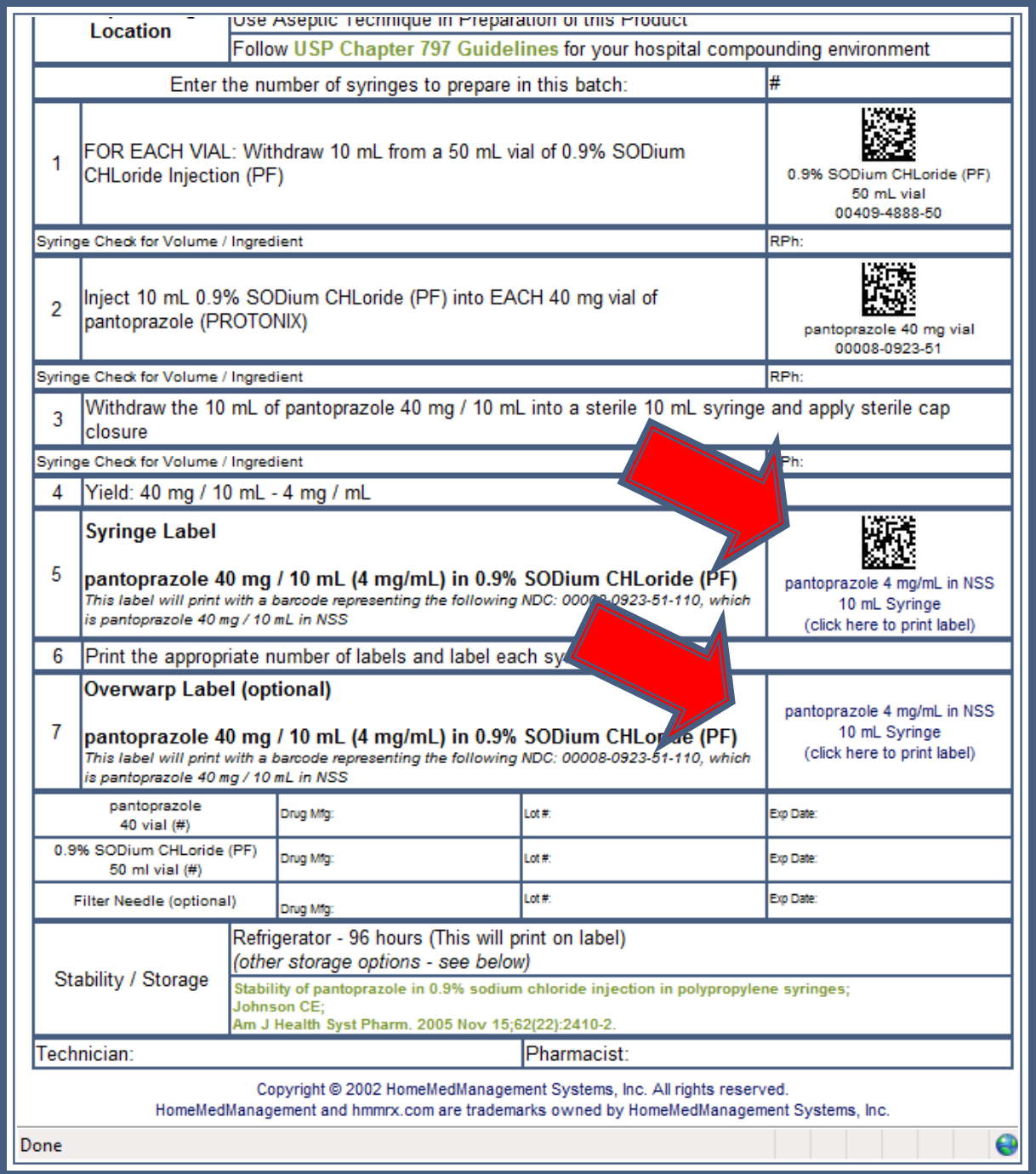
Done

RxScan Preventing Medication Errors™ Instant NDC™

Drug Preparation Worksheet

- NDC barcodes images for each drug and or diluent used in preparation of compound

- **It is not necessary for user to have specific NDC of ingredient. The scanner will accept:**
- **BRAND / generic**
- **generic / generic**
- **generic / BRAND**
- **Scanner will alert user to each specific issue by voice and text messages on scanner**



Location	Use Aseptic Technique in Preparation of this Product
	Follow USP Chapter 797 Guidelines for your hospital compounding environment

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Syringe Check for Volume / Ingredient		RPh:
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Syringe Check for Volume / Ingredient		RPh:
3	Withdraw the 10 mL of pantoprazole 40 mg / 10 mL into a sterile 10 mL syringe and apply sterile cap closure	
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pantoprazole 40 vial (#)	Drug Mfg:	Lot #:	Exp Date:
0.9% SODium CHLoride (PF) 50 ml vial (#)	Drug Mfg:	Lot #:	Exp Date:
Filter Needle (optional)	Drug Mfg:	Lot #:	Exp Date:

Stability / Storage	Refrigerator - 96 hours (This will print on label) *(other storage options - see below)*
	Stability of pantoprazole in 0.9% sodium chloride injection in polypropylene syringes; Johnson CE; Am J Health Syst Pharm. 2005 Nov 15;62(22):2410-2.

Technician:	Pharmacist:

Done

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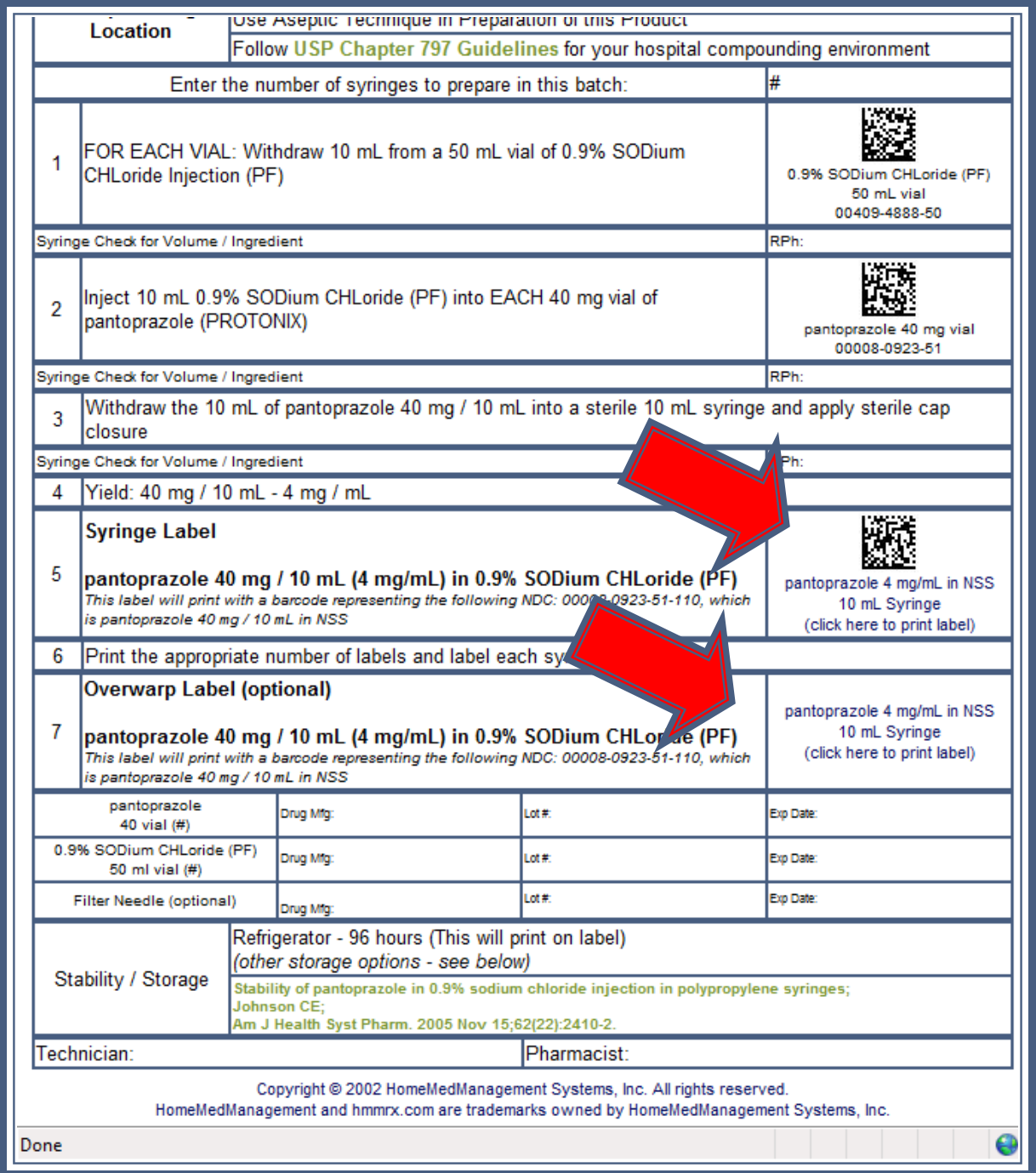
hmm Rx

Detailed Procedures

- **Barcode Verification for Each Step in Process**
- **Print Labels Directly from RxToolkit.com**



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Syringe Check for Volume / Ingredient		RPh:
2	Inject 10 mL 0.9% SODium CHLoride (PF) into EACH 40 mg vial of pantoprazole (PROTONIX)	pantoprazole 40 mg vial 00008-0923-51
Syringe Check for Volume / Ingredient		RPh:
3	Withdraw the 10 mL of pantoprazole 40 mg / 10 mL into a sterile 10 mL syringe and apply sterile cap closure	
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pantoprazole 40 vial (#)	Drug Mfg:	Lot #:	Exp Date:
0.9% SODium CHLoride (PF) 50 ml vial (#)	Drug Mfg:	Lot #:	Exp Date:
Filter Needle (optional)	Drug Mfg:	Lot #:	Exp Date:

Stability / Storage	Refrigerator - 96 hours (This will print on label) *(other storage options - see below)*
	Stability of pantoprazole in 0.9% sodium chloride injection in polypropylene syringes; Johnson CE; Am J Health Syst Pharm. 2005 Nov 15;62(22):2410-2.

Technician:	Pharmacist:

Done

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hmm Rx

Detailed Procedures

Customized Procedures with your hospital name

Barcode Verification for Each Step in Process

Print Labels Directly from RxToolkit.com

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