

Allergy and Alerts for BCMA v3.0

RELEASE NOTES

PSB*3*58

January 2012

Department of Veterans Affairs -Product Development (PD)

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1. Introduction

This document provides a feature summary of the Allergies and Alerts for Bar Code Medication Administration (BCMA) v3.0 project, patch PSB*3*58.

PSB*3*42, PSB*3*52, PSJ*5*254 and PSB*3*60 must be installed before PSB*3*58. Installation instructions for PSB*3*58 are included in the patch description.

Patient Safety Issue correction, PSPO 1765, has been addressed by PSJ*5*253.

Highlights

Parameters

- New BCMA Site Parameter added to allow sites to prohibit administration of nonnurse verified medication orders, or to display a warning before administering nonnurse verified medication orders, or administer non-nurse verified medication orders with no warnings displayed. Non-Nurse Verified Orders to follow site parameters.
- Allowable time for Pro Re Nata (PRN) Effectiveness Entry parameter maximum increased from 240 to 960 minutes.
- BCMA site parameters to display facility division number instead of Internal Entry Number (IEN).

VDL/Messages

- Warning/Error messages added to display when administration of a non-nurse verified order is attempted depending on site parameters selected.
- Warning messages added to display when marking non-nurse verified administrations as Held, Refused, or Missing Dose depending on site parameters selected.
- Verified ("Ver") column on Virtual Due List (VDL) highlighted in yellow indicating the existence of Computerized Patient Record System (CPRS) provider override reasons associated with the order. Summary of order checks and provider reasons will be displayed in the Order Detail Report.
- Summary of CPRS Order Checks, Provider override reasons and Pharmacist intervention information added to the BCMA Order Detail report.
- "Icon Legend" added to the View Menu so that when selected, a dialog will display showing icons used throughout BCMA, with their corresponding descriptions.
- Hover-over feature added to the BCMA VDL to display visual indicator when override/intervention reasons exist.
- New functionality added to test for double scan detection and messaging.

• Dosage form of "Gum, Chewable" shall no longer prompt for quantity and units.

Missed Meds Report

- Verified ("Ver") column added to the Missed Medications report showing the initials of the nurse who verified the order or three asterisks (***) indicating the order was not nurse verified.
- Missed Meds Report Dialog modified to reflect "Include Admin Status: Held, Refused" and the "Include Detail: Comments/Reasons" checkboxes defaulting as checked when the report dialog initially displays.

Patient Safety Issue Correction

• Patient Safety Issue, PSPO 1765, "Inpatient Medication Order with a Schedule of On-Call and a Schedule Type of Fill on Request does not appear on the BCMA VDL" has been resolved with PSB*3*58. Orders with On-Call schedules and any schedule type will display properly in BCMA.

BCMA Online Help System Update

• The Online Help system has been updated for both the BCMA Client and Site Parameters application.

2. Enhancements

2.1. Site Parameter for Non-Nurse Verified orders

In the BCMA Site Parameters application Graphical User Interface (GUI), a new option group labeled "Non-Nurse Verified Orders" with three mutually exclusive options: "Allow Administration (No Warning)", "Allow Administration with Warning", "Prohibit Administration" was added.

"Allow Administration (No Warning)" is the default setting. Below are examples of the parameter screens.

BCMA Site Parameters								
<u>File H</u> elp								
Facility Parameters Default Answer Lists IV Parameters								
Output Devices	Administration							
Missing Dose Request Printer:	E Require ESig to Administer Medication							
	Allow Multiple Admins for On-Call							
H-10								
<u>Mail Groups</u> Due List Error:	Non-Nurse Verified Urders O Allow Administration (No Warning)							
BCMA ORDER PROBLEM	Allow Administration with Warning							
Missing Dose Notification:	Prohibit Administration							
BCMA MISSING DOSE NOTIFICATI	Allowable Time Limits (In Minutes)							
Unknown Actions:	Before Scheduled Admin Time 60 -							
BCMA UNKNOWN ACTIONS	After Scheduled Admin Time							
Unable To Scan:								
BCMA UNABLE TO SCAN								
Reports	Virtual Due List Default Times							
Include Comments	Start Time: Stop Time:							
Med Hist Days Back:	0 hours prior 🔪 1 hour after 💌							
Bar Code Options	Include <u>S</u> chedule Types							
Default Bar Code Format:	PRN 🗖 On-Call							
125 💌	🗖 Continuous 🔲 One-Time							
Default Bar Code Prefix:	Misc Options							
	Max Client Server Clock Variance: 30							
Using Robot RX	Patient Transfer Notification Timeframe [In Hours] :							
5 Rights Override	72							
🔽 Unit Dose Administration	BCMA Idle Timeout [In Minutes] : 30							
V Administration	PRN Documentation [In Hours] : 72							
	Max Date Range: 10							
	Patch Display Duration: Always Display							
	Enable CPRS Med Order Button							

Example: Parameter Screen

2.2. Administering Non-Nurse Verified medication orders

• When "Allow Administration (No Warning)" parameter option is selected:

If nurse initials are <u>not</u> displayed in Verified "Ver" column of the BCMA VDL for a particular order/administration, BCMA will allow the medication to be administered with no warning to the user.

Marking non-nurse verified administrations as Held, Refused, or Missing Dose will be unaffected by this parameter setting. Therefore, no warnings will be displayed.

• When "Allow Administration with Warning" parameter option is selected:

If nurse initials are <u>not</u> displayed in Verified "Ver" column of the BCMA VDL for a particular order/administration, BCMA will display a warning dialog with the message: "Order NOT Nurse-Verified! Do you want to continue?" when user scans the medication (or uses Unable to Scan).

The user has the choice of continuing the administration or cancelling the administration. Clicking **OK** will acknowledge that the order has not been nurse verified, and the user may continue the administration. All medication administration dialogs will display as appropriate to the workflow for the selected administration. Clicking **Cancel** will display the "Order Administration Cancelled" dialog. User must click **OK** to acknowledge the cancellation and return to the VDL.

Example: Warning Message



• When "Prohibit Administration" parameter option is selected:

If nurse initials are <u>not</u> displayed in Verified "Ver" column of the BCMA VDL for a particular order/administration, BCMA will display an error dialog with the message: "Order NOT Nurse-Verified! DO NOT GIVE!" when user scans the medication (or uses Unable to Scan).

Clicking **OK** to acknowledge the "DO NOT GIVE" message and clicking **OK** at the "Order Administration Cancelled" dialog will acknowledge the cancellation and return the user to the VDL without administering the medication.

Example: Error Message



- When the "Allow Administration with Warning" or "Prohibit Administration" parameter setting is selected, the resulting warning/error pop-up message will usually precede other BCMA pop-ups during the medication administration process. Exceptions to this are:
 - Ward Stock Bags: When the user scans bag components into the Ward stock dialog thus creating a ward stock bag, BCMA will not match the list of components to the order until the user selects **OK**. At that time, if the order is not nurse-verified, the Non-Nurse Verify pop-up will then display. (Applies to IVP/IVPB and IV)
 - **Multiple Orders for Scanned Drugs:** When the user scans a medication and there are multiple administrations available within the virtual due list parameters timeframe, the Multiple Orders for Scanned Drugs dialog displays before the Non-Nurse Verify pop-up. (Applies to Unit Dose and IVP/IVPB)
 - **Currently Infusing IV Bags:** When attempting to scan a new bag while an existing bag is currently infusing, the user must complete the infusing bag before the Non-Nurse Verify pop-up displays. (Applies to IV)
- Site parameters for non-nurse verified orders do not affect the CPRS med order button functionality.

2.3. Submitting a Missing Dose Request for Non-Nurse Verified Orders

When submitting a Missing Dose request for non-nurse verified Unit Dose, IVP/IVPB, or IV orders, the user must perform one of the following actions:

- When "Allow Administration (No Warning)" parameter option is selected, no Warning message will display. The Missing Dose Request dialog box will display. The user may continue submitting the Missing Dose Request for the non-nurse verified order.
- When "Allow Administration with Warning" parameter option is selected, the pop-up dialog with the warning: "Order NOT Nurse-Verified! Do you want to continue?" will display.

The user must click **OK** to acknowledge that the order has not been nurse verified. The Missing Dose Request dialog box will display. The user may continue submitting the Missing Dose Request for the non-nurse verified order.

The user must click **Cancel** to cancel the request.

Example: Warning Message



• When "Prohibit Administration" parameter option is selected, the pop-up dialog with the error message: "Order NOT Nurse-Verified. Action unavailable until verified." will display.

Example: Error Message

The user must click **OK** to cancel the selected action and return to the VDL.



Note: User's site policy will determine the correct workflow for verifying the order in CPRS.

2.4. Marking Multiple Non-Nurse Verified Administrations Held or Refused

• When "Allow Administration With Warning" parameter option is selected, if nurse initials are <u>not</u> displayed in the Verified "Ver" column of the BCMA VDL for a particular order/administration, when the user attempts to mark multiple administrations Held or Refused, BCMA will display a pop-up dialog with the warning: "You have selected one or more orders that are NOT Nurse Verified. Do you want to continue?"

User has the choice of continuing the administration or cancelling the administration.

- Clicking **OK** will acknowledge that the order has not been nurse verified, and the user may continue the administration. Held or Refused dialogs will display as appropriate to the workflow for the selected action. All of the selected administrations will be marked appropriately.
- Clicking **Cancel** will return the user to the VDL. No administrations will be marked.

Example: Warning Message



• When "Prohibit Administration" parameter option is selected, if nurse initials are <u>not</u> displayed in the Verified "Ver" column of the BCMA VDL for a particular order/administration, when the user attempts to mark multiple administrations Held or Refused, BCMA will display a pop-up error dialog with the message: "You have selected one or more orders that are NOT Nurse Verified. Do you want to continue?"

User has the choice of continuing the administration or cancelling the administration.

- Clicking **OK** will acknowledge that the order has not been nurse verified, and the user may continue the administration. Held or Refused dialogs will display as appropriate to the workflow for the selected action. All of the selected administrations will be marked appropriately.
- Clicking **Cancel** will return the user to the VDL. No administrations will be marked.

Example: Warning Message



• PRN orders are skipped when checking the non-nurse verify status for a selection of multiple orders to be marked Held or Refused. Only non-PRN orders will trigger a prompt for held or refused non-nurse verified orders.

2.5. PRN Effectiveness Entry Parameter

The Allowable time for PRN Effectiveness Entry Parameter maximum has been expanded from 240 to 960 minutes.

- The drop down field has been changed to a spinner field.
- Numeric options in 10 minute increments are provided.

Below is an example of the parameter screen.

BCMA Site Parameters _ 🗆 🗵 <u>File H</u>elp Facility Parameters Default Answer Lists IV Parameters Output Devices Administration Missing Dose Request Printer: Require ESig to Administer Medication Allow Multiple Admins for On-Call Mail Groups Non-Nurse Verified Orders O Allow Administration (No Warning) Due List Error: BCMA ORDER PROBLEM Allow Administration with Warning Missing Dose Notification: O Prohibit Administration BCMA MISSING DOSE NOTIFICATI Allowable Time Limits (In Minutes) Unknown Actions: Before Scheduled Admin Time 60 • BCMA UNKNOWN ACTIONS After Scheduled Admin Time 60 • Unable To Scan: \exists PRN Effectiveness Entry 960 BCMA UNABLE TO SCAN Virtual Due List Default Times Reports Start Time: Stop Time: Include Comments 0 hours prior 🔻 1 hour after 💌 Med Hist Days Back: Include <u>S</u>chedule Types Bar Code Options 🗖 On-Call PBN Default Bar Code Format: 125 🗖 Continuous 🗖 One-Time • Default Bar Code Prefix: Misc Options 30 Max Client Server Clock Variance: Patient Transfer Notification Timeframe [In Hours] : Using Robot RX 72 5 Rights Override ▼ Unit Dose Administration BCMA Idle Timeout [In Minutes]: 30 V Administration PRN Documentation [In Hours] : 72 Max Date Range: 10 Patch Display Duration: Always Display • Enable CPRS Med Order Button

Example: Parameter Screen

2.6. BCMA GUI Visual Indicator to reflect Provider Overrides/Pharmacist Interventions

A logical flag was created to pass from Inpatient Medications to BCMA, to indicate the existence of CPRS Provider override reasons and/or Pharmacist interventions associated with an order.

If the flag exists for an order, the cell in the Verified "Ver" column of the order/administration on the BCMA VDL is highlighted in yellow, to indicate the existence of CPRS Provider override reasons and/or Pharmacist interventions associated with the order.

- The highlighting of the Verified "Ver" cell is applicable to orders on all three medication tabs: Unit Dose, IVP/IVPB, and IV.
- The highlighting of the Verified "Ver" cell is applicable to orders on the Cover Sheet.

The Verified "Ver" column was added to the Cover Sheet tab to display either initials of the nurse who verified order, or three asterisks "***" to indicate the order is non-nurse verified.



Example: VDL Screen Excerpt

2.7. BCMA Order Detail Report displays CPRS Provider Overrides/Pharmacist Interventions

If CPRS Provider override reasons and/or Pharmacist interventions exist for an order, a summary of the order's <u>current</u> CPRS Order Checks, Provider override reasons and Pharmacist intervention information will be included in the BCMA Order Detail report, below "Spec Inst".

At the top of the summary, the following Provider Override information displays:

- Heading: **Current Provider Overrides for this order **
- "Overriding Provider:" (Provider Name and Title)
- "Override Entered By:" (User who entered justification and Title)
- "Date//Time Entered: " (MM/DD/YY HH:MM)
- "Override Reason:" (Justification text)

Below the Provider Override information, the summary of current CPRS Order Checks will display in the following order:

- Allergies/Adverse Drug Reaction (ADR)s
- Critical drug-drug interactions

• All other interactions that were displayed in the CPRS Order Checks dialog at the time the order was signed.

BCMA Order Detail Report Variations:

• Both current CPRS Provider Overrides and current Pharmacist Interventions exist for a critical drug-drug interaction or an allergy/ADR associated with the order.

Example: BCMA Order Detail Report

BCMA – Di	isplay Order					Run Date:	JUN 27,	2011@13:55
Patient: Sex: Dx:	BCMAPATIENT,THIRTEEN FEMALE BONE FRACTURE	SSN: Ht/wt: Last Mvmt	000-00-1313 */* : JUN 3,2011©11:27:47	DOB: Ward: Type:	JAN 1,1951 (60) ORTHO RM ORTHO-2 TRANSFER			Fage. 1
ADRs:	No ADRs on file.							
Allergies	5: IBUPROFEN							
Drderable Dosage Or Med Route Schedule Schedule: Admin Tim Provider: Spec Inst	2 Item: WARFARIN(GOLDEN ST) 0. dered: 0.5MG 2: ORAL Type: CONTINUOUS : 3ID res: 0800-1600-2400 : NAPOLIELLO, GREG :	5MG(1/2 × 1r Start: Stop: Self Med:	MG) TAB TAB 06/27/2011 13:49 07/11/2011 13:49 NO					
		** Current	t Provider Overrides for	this or	der **			
ov ov	verriding Provider: MCCOY,BONE verride Entered By: INPATIENT- Date/Time Entered: 06/27/11 1 Override Reason: VORB/TORB	S T (PHYSIC: MEDS,NURSE 1 3:49 by nurse aut	IAN) (NURSE) thorized by Dr. McCoy -	ok to gi	ve			
CRITICA use of bleedir	AL drug-drug interaction: WARF anticoagulants with metronida ng. – Monograph Available	ARIN(GOLDEN zole or tin	ST) 0.5MG(1/2×1MG) TAB idazole may result in re	and METF duced pr	ONIDAZOLE 250MG TAB othrombin activity	[UNRELEASED] and/or increa	– Concu sed risk	rrent of
Duplica Antithr	ate Therapy: Order(s) exist fo rombotic Drugs	r {ASPIRIN :	325MG TAB [ACTIVE]} in t	he same	therapeutic categor	(ies): Antipl	atelet a	nd
SIGNIFI of anti	CANT drug-drug interaction: w icoagulants and salicylates ma	ARFARIN(GOLI y result in	DEN ST) 0.5MG(1/2×1MG) T increased INR values ar	AB and A id increa	ASPIRIN 325MG TAB [A se the risk of blee	TIVE] - The ding Monog	concurre raph Ava	nt use ilable
	*	* Current Pl	narmacist Interventions	for this	order **			
or other F	Intervention Date: 06/27/11 1 Patient: BCMAPATIEN Provider: MCCOY, BONE Pharmacist: PHARMACIST Drug: WARFARIN(G Instituted By: PHARMACY Intervention: CRITICAL D Recommendation: OTHER iginating Package: INPATIENT For Recommendation: I agree wi	3:54 T,THIRTEEN S T ,INPATIENT OLDEN ST) 0. RUG INTERAC ⁻ th the Doc.	.5MG(1/2×1MG) TAB FION					
Dispense Drug Name	Drugs 2	Units	Inactive Date					
WARFARIN((GOLDEN ST) 0.5MG(1/2×1MG) TAB	1						
Pharmacy Acti	Activity Log: Date: Jun 27, 2011@13:54:46U ivity: VERIFIED BY PHARMACIST	ser: PHARM	ACIST, INPATIENT					
	Date: Jun 27, 2011@13:54:46U	ser: PHARM	ACIST, INPATIENT					

• A current CPRS Provider Override exists for a critical drug-drug interaction or an allergy/ADR associated with the order; No Pharmacist Intervention exists for the order.

BCMA – Display Order			Run Date: JUN 27, 2011@13:55 Page: 1					
Patient: BCMAPATIENT,THIRTEEN Sex: FEMALE Dx: BONE FRACTURE	SSN: 000-00-1313 Ht/wt: */* Last Mvmt: JUN 3,2011@11:27:47	DOB: JAN 1,1951 (60) ward: ORTHO Rm ORTHO-2 Type: TRANSFER						
ADRs: No ADRs on file.								
Allergies: IBUPROFEN								
Orderable Item: WARFARIN(GOLDEN ST) 0. Dosage Ordered: 0.5MG	5MG(1/2 × 1MG) TAB TAB Start: 06/27/2011 13:49 Stop: 07/11/2011 13:49							
Med Route: ORAL Schedule Type: CONTINUOUS	self Med: NO							
Schedule: 31D Admin Times: 0800-1600-2400 Provider: NAPOLIELLO,GREG Spec Inst:								
	** Current Provider Overrides for	this order **						
Overriding Provider: MCCOY,BONES T (PHYSICIAN) Override Entered By: INPATIENT-MEDS,NURSE (NURSE) Date/Time Entered: 06/27/11 13:49 Override Reason: VORB/TORB by nurse authorized by Dr. MCCoy								
CRITICAL drug-drug interaction: WARF use of anticoagulants with metronida bleeding Monograph Available	ARIN(GOLDEN ST) 0.5MG(1/2X1MG) TAB a zole or tinidazole may result in rea	and METRONIDAZOLE 250MG TAB duced prothrombin activity a	[UNRELEASED] - Concurrent ind/or increased risk of					
Duplicate Therapy: Order(s) exist fo Antithrombotic Drugs	r {ASPIRIN 325MG TAB [ACTIVE]} in th	ne same therapeutic categor(ies): Antiplatelet and					
SIGNIFICANT drug-drug interaction: W. of anticoagulants and salicylates may	ARFARIN(GOLDEN ST) 0.5MG(1/2X1MG) TA y result in increased INR values and	AB and ASPIRIN 325MG TAB [AC d increase the risk of bleed	TIVE] – The concurrent use ling. – Monograph Available					
	* Current Pharmacist Interventions f	For this order **						
No Pharmacist Interventions to displ	ау.							
Drug Name	Units Inactive Date							
WARFARIN(GOLDEN ST) 0.5MG(1/2×1MG) TAB	1							
Pharmacy Activity Log: Date: Jun 27, 2011@13:54:46U Activity: VERIFIED BY PHARMACIST	ser: PHARMACIST,INPATIENT							
Date: Jun 27, 2011@13:54:46U	ser: PHARMACIST, INPATIENT							

Example: BCMA Order Detail Report

• A current Pharmacist Intervention exists for a critical drug-drug interaction or an allergy/ADR associated with the order; no CPRS Provider Override exists for the order.

BCMA - D	isplay Order					Run Date: JUN 27, 2011@13:55 Page: 1
Patient: Sex: Dx:	BCMAPATIENT,THIRTEEN FEMALE BONE FRACTURE	SSN: Ht/Wt: Last Mvmt:	000-00-1313 */* JUN 3,2011@11:27:47	DOB: Ward: Type:	JAN 1,1951 (60) ORTHO RM ORTHO-2 TRANSFER	
ADRs:	No ADRs on file.					
Allergies	s: IBUPROFEN					
Orderable Dosage Or	e Item: WARFARIN(GOLDEN ST) 0. rdered: 0.5MG	5MG(1/2 × 1M Start: Stop:	IG) TAB TAB 06/27/2011 13:49 07/11/2011 13:49			
Schedule	e: ORAL Type: CONTINUOUS • 3TD	self Med:	NO			
Admin Tin Provider: Spec Inst	nes: 0800-1600-2400 : NAPOLIELLO,GREG t:					
		** Current	Provider Overrides f	or this or	der **	
NO Pr	rovider Overrides to display.					
					ordor **	
				=======		
or other F	Intervention Date: Jun 27, 20 Patient: BCMAPATIE Provider: MCCOY, BONE Pharmacist: PHARMACIS Drug: WARFARIN(C Instituted By: PHARMACY Intervention: CRITICAL I Recommendation: OTHER riginating Package: INPATIENT For Recommendation: I agree w	M1013:54 IT,THIRTEEN ST,INPATIENT WOLDEN ST) 0. WRUG INTERACT th the Doc.	5MG(1/2×1MG) TAB TON			
Dispense Drug Name	Drugs e	Units	Inactive Date			
WARFARING	(GOLDEN ST) 0.5MG(1/2×1MG) TAE	1				
Pharmacy Act ²	Activity Log: Date: Jun 27, 2011@13:54:46U ivity: VERIFIED BY PHARMACIST	Iser: PHARMA	CIST, INPATIENT			
	Date: Jun 27, 2011@13:54:460	lser: PHARMA	CIST, INPATIENT			

Example: BCMA Order Detail Report

2.8. Icon Legend Option Added to the View Menu

A new menu option called "Icon Legend" was added to the View Menu so that when selected, a dialog will display showing icons used throughout BCMA, with their corresponding descriptions:

- Click on View then click on Icon Legend.
- Clicking **OK** will return the user to the VDL.

Example: Icon Legend



2.9. "Hover-Over" Capability Added to the VDL

A new hover-over feature was added to the BCMA VDL. When CPRS Provider Overrides and/or Pharmacist Interventions exist for an order, the user will be able to hover over the highlighted Verified "Ver" cell, and the following visual indicator will display: "Override/Intervention reasons."

Example: Override/Intervention Indicator

Override/Intervention reasons

2.10. Double Scan Detection and Messaging

Functionality was added to test for scanning of data into the Quantity and Units pop-up fields. The Double Scan routine tests for the following criteria and rejects input that matches:

- Integer only
- All-numeric string (out of range for integer)
- IV label: nnnVnn where n is a numeric digit
- Number and units: nnnnnU or nnnnn U where n is a numeric digit. A single U is also rejected.

Where double scanning occurs, e.g., a match is found for any of the first three conditions, above, BCMA will display a popup error dialog with the message: "Error. Incorrect or insufficient information entered. Please use the correct quantity and units. Examples: 5000 units, 2mg, 1 puff, small amount, 1 inch."

Example: Error Message



If 'U' or 'u' is entered, BCMA will display a popup error dialog with the message: "Error. 'U' or 'u' is not an acceptable abbreviation. Retype the entry using the word "units."

Error U" or "u" is not an acceptable abbreviation. Retype entry using the word "units".

Example: Error Message

2.11. Missed Medications Report Dialog

The Missed Medications Report dialog was modified so that the "Include Admin Status: Held, Refused" and the "Include Detail: Comments/Reasons" checkboxes will be checked (selected) as a default when the report dialog initially displays.

These new default settings will always be in effect when the report is executed. The Comments/Reasons checkbox will be selected regardless of parameter settings for Reports-Include Comments. Upon display of the dialog, the user will be able to uncheck the boxes as desired.

Patient Missed Medications									
Missed Medications									
Statt Date:									
Start Time:									
Include Order Status:									
Active DC'd Expired									
Include Admin <u>S</u> tatus:									
Include Detail:									
Print by									
C Ward									
Print by Ward Options Soft by Patient									
Sort by Room-Bed Print Selected Patients on Ward - No Patients Selected Select Patients									
Preview Print Cancel									

Example: Missed Meds Report Dialog Box

2.12. Missed Medications Report

The BCMA Missed Medications Report has been modified to add a Verified column showing nurse initials or asterisks in both By Patient and by Ward formats.

Example: Missed Medication Report by Patient

MISSED ME Order Sta Admin Sta Include C	MISSED MEDICATIONS REPORT for Jul 20, 2011@10:00 to Jul 20, 2011@24:00 Run Date: JUL 20, 2011@23: Order Status(es): Active / DC'd / Expired Page: Admin Status(es): Missing Dose / Held / Refused Include Comments/Reasons							
Patient: Sex: Dx:	ient: BCMAPATIENT,TWELVE SSN: 000-00-1212 DOB: APR 16,1 : FEMALE Ht/wt: */* Ward: CARDIO R ANGINA PECTORIS Last Mvmt: OCT 12,2010@17:46:22 Type: ADMISSIC				APR 16,1983 (28) CARDIO RM CARDIO-2 ADMISSION			
ADRs:	NO ADRS (on file.			Ι			
Allergies	: MORPHINE							
Order Sta	itus Ver	Administration D	ate/Time	Medication			Order Stop Date	
Active	***	07/20/2011 0 1000		METRONIDAZOLE 500MG I	N 100ML IN	כו	01/09/2012@1320	
Active	ABC	07/20/2011 0 1300		ALENDRONATE TAB Admin. Status: (Refus Comment: Refused: Pat	ed) ient Spit	Out	06/22/2012 @1 635	
Active	ABC	07/20/2011 0 1300		HYDROCORTISONE LOTION Admin. Status: (Held) Comment: Held: Off Wa	,тор rd		04/06/2012 @11 58	
Active	***	07/20/2011 0 1300		METRONIDAZOLE 500MG I	N 100ML IN	כו	01/09/2012 0 1320	
Active	ABC	07/20/2011 0 1300		WARFARIN(GOLDEN STATE)5MG*HIGH	ALERT* TAB	10/11/2011 0 1314	
Active	***	07/20/2011 @ 1600		METRONIDAZOLE 500MG I	N 100ML IN	כו	01/09/2012 @ 1320	
Active	te te te	07/20/2011 @ 1900		METRONIDAZOLE 500MG I Admin. Status: (Held) Comment: Held: Sleepi	N 100ML IN ng	נו	01/09/2012 @1 320	
Active	ABC	07/20/2011@2100		ALENDRONATE TAB			06/22/2012 @1 635	
Active	ABC	07/20/2011@2100		HYDROCORTISONE LOTION	, TOP		04/06/2012@1158	
Active	ABC	07/20/2011@2100		WARFARIN(GOLDEN STATE)5MG*HIGH	ALERT* TAB	10/11/2011@1314	
Active	***	07/20/2011 6 2200		METRONIDAZOLE 500MG I	N 100ML IN	כו	01/09/2012@1320	
BCMAPATIE	ENT, TWELVE			000-00-1212		··	Ward: CARDIO Room-	Bed: CARDIO-2

3. Modifications

The BCMA Site Parameters Program was modified to display facility division number instead of facility division IEN.

BCMA will test for scanning of data into the Quantity and Units Dialog Box. The following criteria is tested and input that matches is rejected: Integer only; all-numeric string (out of range for integer); IV label – nnnVnn where n is a numeric digit; and number and units – nnnnU or nnnnn U where n is a numeric digit. A single U is also rejected.

If a match is found for any of the first three conditions, BCMA will display the following error message.



Example: Error Message

If 'U' or 'u' is entered, BCMA will display the following error message.



Example: Error Message

4. Patient Safety Issue Correction

PSPO 1765, "Inpatient Medication Order with a Schedule of On-Call and a Schedule Type of Fill on Request does not appear on the BCMA VDL" has been resolved with PSB*3*58.

If the name of an order's schedule is "ON CALL", "ON-CALL" or "ONCALL", and the Inpatient order's schedule type is "Fill on Request" or "Continuous", the order is sent to BCMA as an On Call order type.

Schedules meant to cause orders to display as ON CALL in BCMA must be defined in the ADMINISTRATION SCHEDULE (#51.1) file with a schedule type equal to "ON CALL".

With PSB*3*58, orders with On-Call schedules and any schedule type will now properly display in BCMA.

5. Defect Fix for Remedy Ticket HD208693

An administration with a dosage form of "Gum, Chewable" shall no longer prompt for quantity and units.

6. Defect Fix for Remedy Ticket HD420754

The BCMA Site Parameters program was modified to display the facility division number instead of the facility division IEN when the user clicks on "File" to make parameter changes.

7. New Service Requests (NSRs) Resolved

The following NSRs were resolved with this patch:

- 20110326
- 20071003
- 20070205

8. BCMA Online Help Update

The BCMA GUI Online Help system has been updated to include all released BCMA PSB*3*58 functionality. Online help for both the BCMA Client and Site Parameters application have been updated.

9. Additional Information

The following new Integration Control Registrations (ICRs) are associated with this patch:

- ICR #5653 RETURN CPRS ORDER CHECKS AND OVERRIDES TO BCMA
- ICR #5654 INPATIENT INTERVENTIONS TO BCMA