



# **IMMUNIZATIONS DOCUMENTATION BY BAR CODE MEDICATION ADMINISTRATION (BCMA)**

**PSB\*3\*47 AND PSS\*1\*141**

## **RELEASE NOTES**

October 2009



## Table of Contents

<b>Introduction.....</b>	<b>1</b>
New Features .....	1
Modifications .....	2

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# Introduction

This document provides a description of changes introduced by the Immunizations Documentation by Bar Code Medication Administration (BCMA) application in patches PSB\*3\*47 and PSS\*1\*141.

All sites should install these patches, even if they are currently using the BCMA2PCE Class III application. Additionally, all sites are expected to install the patches to their production VistA system. Implementation of the new features, which includes mapping relationships between the PHARMACY ORDERABLE ITEM file (#50.7) and IMMUNIZATION file (#9999999.14) may be performed at the discretion of the local facility.

Patch PSS\*1\*141 should be installed first, as it is required by patch PSB\*3\*47.

## New Features

Patch PSB\*3\*47 adds the *Immunizations Documentation by BCMA Nightly Task* [PSB PX BCMA2PCE TASK] option to the *Bar Code Medication Administration Manager* [PSB MGR] menu. You can use this option to run a task which will create a record within Patient Care Encounter (PCE) for medications marked as given in BCMA that have been identified as immunizations. The primary intended use of this option is to queue it as a nightly background task, which will process the previous day's BCMA administrations of immunizations.

### Example: Bar Code Medication Administration Manager [PSB MGR] Menu

```
Documenting Backlog PRNs
Drug File Inquiry
Immunizations Documentation by BCMA Nightly Task
Medication Administration Menu Nursing ...
Medication Administration Menu Pharmacy ...
Missing Dose Followup
Reset User Parameters
Trouble Shoot Med Log
Unknown Action Status Report

Select Bar Code Medication Administration Manager Option: <Enter>
```

Effective with PSB\*3\*47, the Patient Care Encounter (PCE) V.1.0 application is added to the list of required packages necessary for BCMA to be fully functional. See the External Relationships section of the PSB\*3\*47 and PSS\*1\*141 Installation Guide for additional detail.

## Modifications

Patch PSS\*1\*141 adds the ASSOCIATED IMMUNIZATION field (#9) to the PHARMACY ORDERABLE ITEM file (#50.7). A mapping relationship is created between the PHARMACY ORDERABLE ITEM file (#50.7) and the pointed-to immunization so that a record can be created in the V IMMUNIZATION file (#9000010.11) corresponding to the BCMA administration of an immunization.

Using the modified *Edit Orderable Items* [PSS EDIT ORDERABLE ITEMS] option that is installed with patch PSS\*1\*141, you can create relationships between a given orderable item (e.g., INFLUENZA INJ) and an immunization (e.g., INFLUENZA). These relationships will also be seen in the *Dispense Drug/Orderable Item Maintenance* [PSS MAINTAIN ORDERABLE ITEMS] option. Both options appear on the *Orderable Item Management* [PSS ORDERABLE ITEM MANAGEMENT] menu.

```
Select Orderable Item Management Option: EDIT Orderable Items

This option enables you to edit Orderable Item names, Formulary status,
drug text, Inactive Dates, and Synonyms.

Select PHARMACY ORDERABLE ITEM NAME: INFLUENZA  INFLUENZA  INJ

    Orderable Item -> INFLUENZA
    Dosage Form    -> INJ

List all Drugs/Additives/Solutions tied to this Orderable Item? YES// <Enter>

    Orderable Item -> INFLUENZA
    Dosage Form    -> INJ

Dispense Drugs:
-----
INFLUENZA VACCINE

Are you sure you want to edit this Orderable Item? NO// YES

    Now editing Orderable Item:
    INFLUENZA  INJ
Orderable Item Name: INFLUENZA// <Enter>

This Orderable Item is Formulary.

This Orderable Item is marked as a Non-VA Med.

Select OI-DRUG TEXT ENTRY: <Enter>
INACTIVE DATE: <Enter>
DAY (nD) or DOSE (nL) LIMIT: <Enter>
MED ROUTE: <Enter>
SCHEDULE TYPE: <Enter>
SCHEDULE: <Enter>
PATIENT INSTRUCTIONS: <Enter>

ASSOCIATED IMMUNIZATION: INFLUENZA  FLU, 3 YRS  INFLUENZA

Select SYNONYM: <Enter>
```

Note: The ASSOCIATED IMMUNIZATION field (#9) is only presented when at least one of the dispense drugs tied to the selected orderable item is in a VA Drug Class in the IM100 to IM900 range.

Immunizations are typically found in VA Drug Classes IM100, IM105, IM109, IM700 or IM900.