**MCCF EDI TAS US1401**

System Design Document



Department of Veterans Affairs

**July 2017**

Version 1.0

**User Story Number:** US1401

**User Story Name:** Billing of Sensitive Medications for Non-Sensitive Conditions

**Product Backlog ID:**

**Backlog Priority:** (High, Medium, Low)

**Initial Sizing Estimate:**

**Rational ID:** tbd

**Rally ID:** US1401

# Design – Summary

The Patient Release of Information option needs to be modified to accommodate the billing of sensitive medications dispensed for non-sensitive conditions, so that all medications are billed appropriately according to 38 U.S.C § 7332. Below are the modifications that will be made:

* Change the name of option Patient Release of Information to Patient ROI & Sensitive Drug Management.
* Modify the current screen Patient ROI Management; rename it to Sensitive Drug Management.
* Modify name of action Add ROI, rename it to Add ROI/Sensitive Drug.
* Modify name of action ROI View/Edit, rename it to View/Edit ROI/Sensitive Drug.
* Modify the prompts in action Add ROI/Sensitive Drug.
* Modify the screen accessed by action VR ROI View/Edit and the screen accessed by action Edit ROI (action within VR ROI View/Edit).
* Change logic to validate billable status for a claim request.
* Add a Report.
* Modify Release of Information Expiration Report.
* Once the Non-Sensitive entry is made, all fill dates can be billed (even fill dates prior to the authorization date).

List of Components:

* Routine: IBCBB11
* Routine: IBNCPBB1
* Routine: IBNCPDP1
* Routine: IBNCPDPU
* Routine: IBNCPDR
* Routine: IBNCPDR1
* Routine: IBNCPDR2
* Routine: IBNCPDR4
* Routine: IBNCPDR5
* Routine: IBNCPDRA
* Routine: IBNCPDRC
* Routine: IBNCPDRD
* Routine: IBTRKR3
* Routine: IBY591PR
* Routine: IBY591PST
* File: CLAIMS TRACKING ROI (#356.25)
* List Template: IBNCR PATIENT RELEASE OF INFO
* List Template: IBNCR EXPANDED ROI
* Option: IBCNR RELEASE OF INFORMATION
* Option: IBCNR ROI SENSITIVE DRUG MGMT
* Option: IBCNR NON-SEN DX FOR SEN DRUG
* Option: IBCNR E-PHARMACY MENU
* Option: IBCNR EDIT PLAN
* Option: IBCNR GROUP PLAN MATCH
* Option: IBCNR GROUP PLAN WORKSHEET
* Option: IBCNR PHARMACY PLAN REPORT
* Option: IBCNR PLAN MATCH
* Option: IBCNR TEST PAYER SHEET MATCH
* Option: IB ECME BILLING EVENTS
* Option: IBCNR PLAN STATUS INQUIRY
* Option: IBCNR PLAN STATUS REPORT
* Option: IBCNR RELEASE OF INFORMATION
* Option: IBCNR ELIGIBILITY INQUIRY
* Option: IBCNR ROI EXPIRATION REPORT
* Protocol: IBNCR PATIENT ROI
* Protocol: IBNCR ADD ROI
* Protocol: IBNCR VIEWEDIT ROI
* Protocol: IBNCR EDIT ROI INFO

# Design – Detail

The option Patient Release of Information [IBCNR RELEASE OF INFORMATION] will be changed to Patient ROI & Sensitive Drug Management [IBCNR ROI SENSITIVE DRUG MGMT].

Because the option name is an identifier field in OPTION file #19, updates to the option name must be performed in the IB patch Pre-Installation routine ^IBY591PR, as described in the tables below. Modifying the option name in the pre-install routine prevents duplicate entries from being created by KIDS when the data file is added to the system.

| Subroutine Name | **EN^IBY591PR** | | | | |
| --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | Delete | No Change |
| Story | US1401 | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | |
| Related Routines | This Subroutine is Called By | | This Subroutine Calls | | |
| KIDS system; Kernel Installation and Distribution System; called upon patch installation | | OPTION^IBY591PR,  MES^XPDUTL | | |
| Related Integration Control Registrations (ICRs) | 10141 for MES^XPDUTL | | | | |
| Input Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | |
| Output Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | |
| Current Logic | | | | | |
| N/A - new routine for patch pre-install | | | | | |
| Modified Logic (Changes are highlighted) | | | | | |
| IBY591PR ;AITC/CKB - Pre-install routine for IB\*2.0\*591 ;5/8/2017  ;;2.0;INTEGRATED BILLING;\*\*591\*\*;21-MAR-94;Build TBD  ;;Per VA Directive 6402, this routine should not be modified.  ; Change to menu option name supported by ICR# TBD  ;  ; MCCF EDI TAS ePharmacy Iteration 2 – IB\*2.0\*591 patch pre-install  Q  ;  EN ; Entry Point for pre-install.  D MES^XPDUTL(" Starting pre-install for IB\*2.0\*591")  ;  ; Update report name and menu text in the OPTION file #19  D UPDOPT  ;  EX ; Exit point.  D MES^XPDUTL(" Finished pre-install of IB\*2.0\*591")  Q | | | | | |

| Subroutine Name | **UPDOPT ^IBY591PR** | | | | |
| --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | Delete | No Change |
| Story | US1401 | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | |
| Related Routines | This Subroutine is Called By | | This Subroutine Calls | | |
| EN^IBY591PR | | MES^XPDUTL,  FILE^IBY591PR | | |
| Data Dictionary (DD) References | File 19 - OPTION  Entry is being updated in this file. | | | | |
| Related Protocols | n/a | | | | |
| Related Integration Control Registrations (ICRs) | 10141 for MES^XPDUTL | | | | |
| Input Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | |
| Output Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | |
| Current Logic | | | | | |
| N/A - new routine for patch pre-install | | | | | |
| Modified Logic (Changes are highlighted) | | | | | |
| UPDOPT ; Update OPTION file with new name, menu text and uppercase menu text  N DA,DR,MENU,NNAME,ONAME,UMENU  ;  D MES^XPDUTL(" - Updating OPTION")  S ONAME="IBCNR RELEASE OF INFORMATION" ;old option name  S DA=$O(^DIC(19,"B",ONAME,""))  I 'DA D MES^XPDUTL(" - No IEN found for entry "\_ONAME) Q  ;  ; Update fields  S NNAME="IBCNR ROI SENSITIVE DRUG MGMT" ; new option name  D FILE(“^DIC(19,”,DA,.01,NNAME)  S MENU="Patient ROI & Sensitive Drug Management" ; menu text  D FILE(“^DIC(19,”,DA,1,MENU)  S UMENU="PATIENT ROI & SENSITIVE DRUG MGMT" ; uppercase menu text  D FILE(“^DIC(19,”,DA,1.1,UMENU)  ;  D MES^XPDUTL(" - "\_ONAME\_" entry updated")  D MES^XPDUTL(" - Done with OPTION")  D MES^XPDUTL(" ")  Q  ; | | | | | |

The following entry in the OPTION file will be edited to reflect the updated fields:

Current Values:

Name: IBCNR RELEASE OF INFORMATION

Menu Text: Patient Release of Information (ROI)

Uppercase Menu Text: PATIENT RELEASE OF INFORMATION

New Values:

Name: IBCNR ROI SENSITIVE DRUG MGMT

Menu Text: Patient ROI & Sensitive Drug Management

Uppercase Menu Text: PATIENT ROI & SENSITIVE DRUG MGMT

| Subroutine Name | **FILE^IBY591PR** | | | | |
| --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | Delete | No Change |
| Story | US1401 | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | |
| Related Routines | This Subroutine is Called By | | This Subroutine Calls | | |
| UPDOPT^IBY591PR | | ^DIE | | |
| Data Dictionary (DD) References | File 19 - OPTION  Entry is being updated in this file. | | | | |
| Related Protocols | n/a | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | |
| Input Attribute Name and Definition | Name: DIE  Definition: Global reference of file being updated  New  Modify  Delete  No Change  Name: DA  Definition: IEN into the file  New  Modify  Delete  No Change  Name: BPSFLD  Definition: Field number being updated  New  Modify  Delete  No Change  Name: BPSDATA  Definition: Data being filed into the field  New  Modify  Delete  No Change | | | | |
| Output Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | |
| Current Logic | | | | | |
| N/A - new routine for patch pre-install | | | | | |
| Modified Logic (Changes are highlighted) | | | | | |
| FILE(DIE,DA,BPSFLD,BPSDATA) ;  ; File into the OPTION file #19  N DR,X,Y  ;  S DR=BPSFLD\_”////”\_BPSDATA  D ^DIE  Q | | | | | |

The title of the screen Patient ROI Management will be changed to Sensitive Drug Management. The column headings and data displayed will also be changed.

| Subroutine Name | **HDR^IBNCPDR** | | | | |
| --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | Delete | No Change |
| Story | US1401 | | | | |
| Related Menu Options or ListMan Actions | IBNCR PATIENT RELEASE OF INFO | | | | |
| Related Routines | This Subroutine is Called By | | This Subroutine Calls | | |
|  | | PID^VADPT,  SETHDR^IBNCPDR | | |
| Data Dictionary (DD) References | n/a | | | | |
| Related Protocols | n/a | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | |
| Input Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | |
| Output Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | |
| Current Logic | | | | | |
| HDR ; -- screen header for initial screen  D PID^VADPT  S VALMHDR(1)="ROI Management for Patient: "\_$E($P($G(^DPT(DFN,0)),"^"),1,20)\_" "\_$E($G(^(0)),1)\_VA("BID")  S VALMHDR(2)=" "  Q  ; | | | | | |
| Modified Logic (Changes are highlighted) | | | | | |
| HDR ; -- screen header for initial screen  D PID^VADPT  S VALMHDR(1)="Patient: "\_$E($P($G(^DPT(DFN,0)),"^"),1,20)\_" "\_$E($G(^(0)),1)\_VA("BID")  S VALMHDR(2)=" "  S VALMHDR(3)=" S Drug Insurance ROI Eff Dt-Exp Dt"  S VALMHDR(4)=" Non-Sensitive Diagnosis Authorizer Auth Dt"  Q  ; | | | | | |

In order to display the additional line in the heading, the field #26-HEADER in the Protocol IBNCR PATIENT ROI will need to be updated as shown in the table below.

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| Field #26 – HEADER | Current value: D SHOW^VALM  New value: D SHOW^VALM,HDR^IBNCPDR |

The title of the VR-ROI View Edit action will need to be updated for the IBNCR EXPANDED ROI List Template. The table below describes this change.

|  |  |
| --- | --- |
| **Field** | **New Value** |
| **#.11 – SCREEN TITLE** | Current value: Patient ROI Management  New value: Sensitive Drug Management |

The screens accessed by the action AD-Add ROI and VR-ROI View Edit will be changed. This change will be done in the PROTOCOL file #101. The table below describes what will be changed.

|  |  |
| --- | --- |
| **Protocol Info** | **Values** |
| **PROTOCOL NAME** | IBNCR ADD ROI |
| **#1 – ITEM TEXT** | From: Add ROI  To: Add ROI/Sensitive Drug |

|  |  |
| --- | --- |
| **Protocol Info** | **Values** |
| **PROTOCOL NAME** | IBNCR VIEWEDIT ROI |
| **#1 – ITEM TEXT** | From: ROI View/Edit  To: View/Edit ROI/Sensitive Drug |

The heading of the VR-ROI View Edit screen will also be changed. The table below describes the changes that will be made.

| Subroutine Name | **HDR^IBNCPDR5** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
|  | | | PID^VADPT | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| HDR ; -- screen header for initial screen  D PID^VADPT  S VALMHDR(1)="ROI Management for Patient: "\_$E($P($G(^DPT(DFN,0)),"^"),1,20)\_" "\_$E($G(^(0)),1)\_VA("BID")  S VALMHDR(2)=" "  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| HDR ; -- screen header for initial screen  D PID^VADPT  S VALMHDR(1)="Sensitive Drug Management for Patient: "\_$E($P($G(^DPT(DFN,0)),"^"),1,20)\_" "\_$E($G(^(0)),1)\_VA("BID")  S VALMHDR(2)=" "   S VALMHDR(3)=" S Drug Insurance ROI Eff Dt-Exp Dt"  S VALMHDR(4)=" Non-Sensitive Diagnosis Authorizer Auth Dt "  Q | | | | | | | | |

The name of the action on the VR-ROI View Edit will be changed in the PROTOCOL file #101. There will be a new screen added if no ROI is on file. The tables below describe what will be changed.

|  |  |
| --- | --- |
| **Protocol Info** | **Values** |
| **PROTOCOL NAME** | IBNCR EDIT ROI INFO |
| **#1 – ITEM TEXT** | From: Edit ROI  To: Edit ROI/Sensitive Drug |

| Subroutine Name | **EN^IBNCPDR1** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions | IBNCR EDIT ROI INFO | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
|  | | | FULL^VALM1,  LOCKED^IBTRCD1,  ^DIE,  BLD^IBNCPDR5 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| IBNCPDR1 ;ALB/BDB - ROI MANAGEMENT ;30-NOV-07  ;;2.0;INTEGRATED BILLING;\*\*384,550\*\*; 21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  EN ; -- ROI Update  D FULL^VALM1 W !!  N IBDIF,DA,DR,DIC,DIE,DGSENFLG,IBEFF,IBROI  L +^IBT(356.25,IBNCRPR):5 I '$T D LOCKED^IBTRCD1 G ROIQ  S DIE="^IBT(356.25,",DA=IBNCRPR,DIE("NO^")="BACK",DR="@1;.05;S IBEFF=X;.06;I X<IBEFF W !,"" EXPIRATION DATE < EFFECTIVE DATE ??"" S Y=""@1"";.07;2.01"  D ^DIE K DIC,DIE,DA,DR  S IBDIF=0  I $G(^IBT(356.25,IBNCRPR,0))'=$G(TMP("IBNCR",$J,"ROI0")) S IBDIF=1  I $G(^IBT(356.25,IBNCRPR,1))'=$G(TMP("IBNCR",$J,"ROI1")) S IBDIF=1  I $G(^IBT(356.25,IBNCRPR,2))'=$G(TMP("IBNCR",$J,"ROI2")) S IBDIF=1  I IBDIF D UPDATE,BLD^IBNCPDR5  L -^IBT(356.25,IBNCRPR)  S ZTIO="",ZTRTN="CTCLN^IBNCPDR2",ZTSAVE("IBNCRPR")="",ZTDTH=$H,ZTDESC="IB - Make ROI Pharmacy entries in Claims Tracking billable"  D ^%ZTLOAD K ZTSK,ZTIO,ZTSAVE,ZTDESC,ZTRTN  ;D CTCLN^IBNCPDR2  ROIQ S VALMBCK="R" Q  ; | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IBNCPDR1 ;ALB/BDB - ROI MANAGEMENT ;30-NOV-07  ;;2.0;INTEGRATED BILLING;\*\*384,550,591\*\*; 21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  EN ; -- ROI Update  D FULL^VALM1 W !!  N IBDIF,DA,DR,DIC,DIE,DGSENFLG,IBEFF  N IB0,IBDFN,IBDRUG,IBDT,IBINS,IBNSU,IBROI  ;  L +^IBT(356.25,IBNCRPR):5 I '$T D LOCKED^IBTRCD1 G ROIQ  S IB0=$G(^IBT(356.25,IBNCRPR,0))  S IBDFN=$P(IB0,U,2),IBDRUG=$P(IB0,U,3),IBINS=$P(IB0,U,4),IBDT=$$HTFM^XLFDT($H)  S IBROI=$$ROI^IBNCPDR4(IBDFN,IBDRUG,IBINS,IBDT)  S IBNSU=$$NSDCHK(IBDFN,IBDRUG) ; Active Non-Sensitive Use entry on file  S DIE="^IBT(356.25,",DA=IBNCRPR,DIE("NO^")="BACK"  I IBROI,‘IBNSU D ; ROI on file  . S DR="@1;.05;S IBEFF=X;.06;I X<IBEFF W !,"" EXPIRATION DATE < EFFECTIVE DATE ??"" S Y=""@1"""  . S DR=DR\_";.07;2.01"  E D  . S DR="3.01;3.02;3.03;3.07;5.01" ; Non-Sensitive Diagnosis fields  D ^DIE K DIC,DIE,DA,DR  S IBDIF=0  I $G(^IBT(356.25,IBNCRPR,0))'=$G(TMP("IBNCR",$J,"ROI0")) S IBDIF=1  I $G(^IBT(356.25,IBNCRPR,1))'=$G(TMP("IBNCR",$J,"ROI1")) S IBDIF=1  I $G(^IBT(356.25,IBNCRPR,2))'=$G(TMP("IBNCR",$J,"ROI2")) S IBDIF=1  I $G(^IBT(356.25,IBNCRPR,3))'=$G(TMP("IBNCR",$J,"ROI3")) S IBDIF=1  I $G(^IBT(356.25,IBNCRPR,4))'=$G(TMP("IBNCR",$J,"ROI4")) S IBDIF=1  I $G(^IBT(356.25,IBNCRPR,5))'=$G(TMP("IBNCR",$J,"ROI5")) S IBDIF=1  I IBDIF D UPDATE,BLD^IBNCPDR5  L -^IBT(356.25,IBNCRPR) L -^IBT(356.25,IBNCRPR)  S ZTIO="",ZTRTN="CTCLN^IBNCPDR2",ZTSAVE("IBNCRPR")="",ZTDTH=$H,ZTDESC="IB - Make ROI Pharmacy entries in Claims Tracking billable"  D ^%ZTLOAD K ZTSK,ZTIO,ZTSAVE,ZTDESC,ZTRTN  ;D CTCLN^IBNCPDR2  ROIQ S VALMBCK="R"  Q  ; | | | | | | | | |

New fields will need to be added to the File 356.25, CLAIMS TRACKING ROI which will be added to the screen. These new fields will also be used when we send an outgoing claim. The fields will be added to File 356.25, CLAIMS TRACKING ROI, in our test environment, and that file will be included in our patch, so that the new fields will be included in the KIDS Build. When the KIDS Build is installed, the new fields will be automatically added to File 356.25.

The data dictionary for file 356.25, CLAIMS TRACKING ROI, will be sent without data to the target sites. The table below describes how the file is to be included in the KIDS Build.

|  |  |
| --- | --- |
| File Name | **CLAIMS TRACKING ROI** |
| Send Full or Partial DD | PARTIAL |
| Data Dictionary Number | 356.25 |
| Field Numbers | 3.01, 3.02, 3.03, 3.07, 4.01, 4.02, 4.03, 4.04, 4.05, 5.01 |
| Update the Data Dictionary | YES |
| Send Security Codes | NO |
| Screen to Determine DD Update | N/A |

The table below describes how the new fields are going to be added to file 356.25, CLAIMS TRACKING ROI.

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | AUTHORIZATION DATE |
| **FIELD NUMBER** | 3.01 |
| **NODE;PIECE** | 3;1 |
| **FIELD TYPE** | DATE |
| **HELP PROMPT** | Enter the Date of Authorization by Clinical Staff Person. |
| **DESCRIPTION** | This is the date/time the Authorization for non-sensitive use was given by the Clinical Staff. |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | CLIN STAFF PERSON CONSULTED |
| **FIELD NUMBER** | 3.02 |
| **NODE;PIECE** | 3;2 |
| **FIELD TYPE** | POINTER TO NEW PERSON FILE (#200) |
| **HELP PROMPT** | Enter Clinical Staff Person Consulted. |
| **DESCRIPTION** | This is the Clinical Staff Person who was consulted regarding the non-sensitive diagnosis. |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | NON-SENSITIVE DIAGNOSIS |
| **FIELD NUMBER** | 3.03 |
| **NODE;PIECE** | 3;3 |
| **FIELD TYPE** | FREE TEXT |
| **MINIMUM LENGTH** | 1 |
| **MAXIMUM LENGTH** | 50 |
| **HELP PROMPT** | Enter the non-sensitive diagnosis provided by the Clinical Staff. |
| **DESCRIPTION** | This is the non-sensitive diagnosis provided by the Clinical Staff. |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | NON-SENSITIVE USE ACTIVE? |
| **FIELD NUMBER** | 3.07 |
| **NODE;PIECE** | 3;7 |
| **FIELD TYPE** | SET  (1-YES ; 0-NO) |
| **HELP PROMPT** | Answer YES to this if the non-sensitive use is active, or NO to inactivate the non-sensitive use. |
| **DESCRIPTION** | Inactivating a non-sensitive use entry has the same effect as deleting an entry except that the entry is left as history. |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | NSU DATE ADDED |
| **FIELD NUMBER** | 4.01 |
| **NODE;PIECE** | 4;1 |
| **FIELD TYPE** | DATE |
| **HELP PROMPT** | Enter the date this non-sensitive use entry was added. |
| **DESCRIPTION** | This is the date/time the non-sensitive use entry was added. |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | NSU USER ADDING |
| **FIELD NUMBER** | 4.02 |
| **NODE;PIECE** | 4;2 |
| **FIELD TYPE** | POINTER TO THE NEW PERSON FILE (#200) |
| **HELP PROMPT** | Enter the user adding this non-sensitive use entry. |
| **DESCRIPTION** | This is the user that added this non-sensitive use entry. |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | NSU DATE LAST UPDATED |
| **FIELD NUMBER** | 4.03 |
| **NODE;PIECE** | 4;3 |
| **FIELD TYPE** | DATE |
| **HELP PROMPT** | Enter the date/time this non-sensitive use entry was last edited. |
| **DESCRIPTION** | This is the date this non-sensitive use entry was last edited/updated. |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | NSU USER LAST UPDATED |
| **FIELD NUMBER** | 4.04 |
| **NODE;PIECE** | 4;4 |
| **FIELD TYPE** | DATE |
| **HELP PROMPT** | This is the user that last updated the non-sensitive use entry. |
| **DESCRIPTION** | This is the user that last updated the non-sensitive use entry. |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | NSU DATE LAST USED |
| **FIELD NUMBER** | 4.05 |
| **NODE;PIECE** | 4;5 |
| **FIELD TYPE** | DATE |
| **HELP PROMPT** | Enter the date/time this non-sensitive use was used. |
| **DESCRIPTION** | This is the last time this non-sensitive use was used for a claim or a potential claim. |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | NON-SENSITIVE USE COMMENT |
| **FIELD NUMBER** | 5.01 |
| **NODE;PIECE** | 5;1 |
| **FIELD TYPE** | FREE TEXT |
| **MINIMUM LENGTH** | 1 |
| **MAXIMUM LENGTH** | 75 |
| **HELP PROMPT** | Provide additional documentation or details regarding non-sensitive use. |
| **DESCRIPTION** | Provide additional documentation or details regarding non-sensitive use. |

The table below describes two new Cross-References that will be added to file 356.25, CLAIMS TRACKING ROI for a new report that will display the Non-Sensitive Use entries. The table below how these cross-references will be added to the file.

|  |  |
| --- | --- |
| **Prompts** | **Values** |
| **What type of cross-reference** | TRADTIONAL |
| **WHAT FILE** | 356.25 |
| **Select FIELD** | 3.01 |
| **Select TYPE OF INDEXING** | REGULAR |
| **WANT CROSS-REFERENCE TO BE USED FOR LOOKUP AS WELL AS SORTING** | NO |
| **INDEX** | AD |
| **DESCRIPTION** | Non-Sensitive Use Authorization Date X-Ref |

|  |  |
| --- | --- |
| **Prompts** | **Values** |
| **What type of cross-reference** | NEW |
| **Modify what File** | 356.25 |
| **Type of Index** | REGULAR |
| **Want index to be used for Lookup & Sorting or Sorting Only** | SORTING ONLY |
| **Index Name** | AE |
| **Order** | 1 |
| **Field** | .02 |
| **Field** | .03 |
| **Do you want to build the index now?** | YES |

A post-installation routine will need to be created in order to build the “AE” cross reference. The tables below describe the post-install routine.

| Subroutine Name | **EN^IBY591PST** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| KIDS system; Kernel Installation and Distribution System; called upon patch installation | | | MES^XPDUTL,  %ZTLOAD | | | | |
| Related Integration Control Registrations (ICRs) | 10141 for MES^XPDUTL | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name:  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name:  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new routine | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IBY591PST ;AITC/CKB - Post-install routine for IB\*2.0\*591 ;6/29/2017  ;;2.0;INTEGRATED BILLING;\*\*591\*\*;21-MAR-94;Build TBD  ;;Per VA Directive 6402, this routine should not be modified.  ;  ; MCCF EDI TAS ePharmacy Iteration 2 – IB\*2.9\*591 patch pre-install  Q  ;  EN ; Entry Point for pre-install.  ;  D MES^XPDUTL(" Starting post-install for IB\*2.0\*591")   D MES^XPDUTL(" -----------")   D MES^XPDUTL(" Queuing background job to build index of all ROI entries by")  D MES^XPDUTL(" Patient and Drug. A Mailman message will be sent when it finishes.")  ;   ; Setup required variables   N ZTDESC,ZTDTH,ZTIO,ZTRTN,ZTSK  ;  S ZTRTN="AE^IBY591PST",ZTIO="",ZTDTH=$H  S ZTDESC="Background job to build AE index for IB\*2\*591 "  ;  ; Task the job  D ^%ZTLOAD  ;   ; Check if task was created  I $D(ZTSK) D MES^XPDUTL(" Task #"\_ZTSK\_" queued.")  I '$D(ZTSK) D MES^XPDUTL(" Task not queued. Please create a support ticket.")  ;  EX ; Exit point.  D MES^XPDUTL(" Finished post-install of IB\*2\*591")  Q  ; | | | | | | | | |

This tag populates the AE cross-reference.

| Subroutine Name | **AE^IBY591PST** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^IBY591PST | | | MAIL | | | | |
| Related Integration Control Registrations (ICRs) | 10141 for MES^XPDUTL | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name:  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name:  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new routine | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| AE ; Populate the new AE cross-reference on file #356.25 CLAIMS TRACKING ROI  ;  N IBCNT,IBDRUG,IBIEN,IBPAT  ;  S IBCNT=0  S IBIEN=0 F S IBIEN=$O(^IBT(356.25,IBIEN)) Q:’IBIEN D  . S IB0=$G(^IBT(356.25,IBIEN,0))  . S IBPAT=$P(IB0,U,2)  . S IBDRUG=$P(IB0,U,3)  . I IBPAT=””!(IBDRUG=””) Q  . S ^IBT(356.25,”AE”,IBPAT,IBDRUG,IBIEN)=””,IBCNT=IBCNT+1  . Q  ;   ; Send mail message when complete.  D MAIL(IBCNT)  ;  Q  ; | | | | | | | | |

This tag populates and sends a mail message.

| Subroutine Name | **MAIL^IBY591PST** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| AE^IBY591PST | | | ^XMD | | | | |
| Related Integration Control Registrations (ICRs) | 10141 for MES^XPDUTL | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name:  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name:  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new routine | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| MAIL(IBCNT) ;  ;  N CNT,DIFROM,MSG,XMY,XMDUZ,DIFROM,XMSUB,XMTEXT  ;  S XMY(DUZ)=""  S XMSUB="IB\*2.0\*591 Post install is complete",XMDUZ="Patch IB\*2.0\*591"  S XMTEXT="MSG("  ;  S CNT=1,MSG(CNT)=""  S CNT=CNT+1,MSG(CNT)="Patch PSO\*2.0\*591 post install routine has completed."  S CNT=CNT+1,MSG(CNT)=""  S CNT=CNT+1,MSG(CNT)="Added "\_IBCNT\_" entries to the new AE index in the CLAIMS TRACKING ROI file."  S CNT=CNT+1,MSG(CNT)=""  S CNT=CNT+1,MSG(CNT)="For more information about this post install, review the patch description."  ;  D ^XMD  ;  Q | | | | | | | | |

There are two fields that will need to be updated for the IBNCR PATIENT RELEASE OF INFO List Template. The table below describes these changes.

|  |  |
| --- | --- |
| **Field** | **New Value** |
| **#.11 – SCREEN TITLE** | Current value: Patient ROI Management  New value: Sensitive Drug Management |
| **#.05 – TOP MARGIN** | Current value: 5  New value: 6 |

Additionally all the values in the CAPTION LINE COLUMNS sub-file #409.621 in the IBNCR PATIENT RELEASE OF INFO List Template will need to be deleted to allow for a multi-line heading.

The table below describes the routine changes that will need to be made for the new data. One of the changes that will need to be made in this routine is to use a new cross-reference, “AE”, that will allow the Non-Sensitive Use entries to be displayed.

| Subroutine Name | **BLD^IBNCPDR** | | | | |
| --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | Delete | No Change |
| Story | US1401 | | | | |
| Related Menu Options or ListMan Actions | IBNCR PATIENT RELEASE OF INFO | | | | |
| Related Routines | This Subroutine is Called By | | This Subroutine Calls | | |
|  | | $$SETFLD^VALM1,  $$DRUG^IBRXUTL1,  $$DAT1^IBOUTL | | |
| Data Dictionary (DD) References | n/a | | | | |
| Related Protocols | n/a | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | |
| Current Logic | | | | | |
| IBNCPDR ;ALB/BDB - ROI MANAGEMENT, LIST MANAGER ;30-NOV-07  ;;2.0;INTEGRATED BILLING;\*\*384,550\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  .  .  BLD ; -- build list of ROI'S  K ^TMP("IBNCR",$J)  N IBNCRI,IBNCRJ,IBNCRK,IBNCRL,IBNCRM,IBNCRX,IBNCRF  S (IBNCRI,IBNCRJ,IBNCRK,IBNCRL,VALMCNT)=0  ;  ; -- find all ROI'S  K IBNCRJ S IBNCRJ=0  S IBNCRK=0 F S IBNCRK=$O(^IBT(356.25,"AC",DFN,IBNCRK)) Q:'IBNCRK S IBNCRL=0 F S IBNCRL=$O(^IBT(356.25,"AC",DFN,IBNCRK,IBNCRL)) Q:'IBNCRL D  .; -- add to list  . S IBNCRM=0 F S IBNCRM=$O(^IBT(356.25,"AC",DFN,IBNCRK,IBNCRL,IBNCRM)) Q:'IBNCRM D  .. S IBNCRJ=IBNCRJ+1,IBNCRX=""  .. S IBNCRX=$$SETFLD^VALM1(IBNCRJ,IBNCRX,"NUMBER")  .. S IBNCRF=^IBT(356.25,IBNCRM,0)  .. I $P(IBNCRF,"^",7)="0" S IBNCRX=IBNCRX\_"I "  .. S IBNCRX=$$SETFLD^VALM1($$DRUG^IBRXUTL1(IBNCRK),IBNCRX,"DRUG")  .. I $D(^DIC(36,+IBNCRL,0)) S IBNCRX=$$SETFLD^VALM1($P(^(0),"^"),IBNCRX,"INSUR")  .. S IBNCRX=$$SETFLD^VALM1($$DAT1^IBOUTL($P(IBNCRF,"^",5)),IBNCRX,"EFFDT")  .. I $P(IBNCRF,"^",6)]"" S IBNCRX=IBNCRX\_"thru"  .. S IBNCRX=$$SETFLD^VALM1($$DAT1^IBOUTL($P(IBNCRF,"^",6)),IBNCRX,"EXPIRE")  .. D SET(IBNCRX)  BLDQ ;  I VALMCNT=0 D SET(" -- No ROI's on file for patient --")  Q | | | | | |
| Modified Logic (Changes are highlighted) | | | | | |
| IBNCPDR ;ALB/BDB - ROI MANAGEMENT, LIST MANAGER ;30-NOV-07  ;;2.0;INTEGRATED BILLING;\*\*384,550,591\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  .  .  BLD ; -- build list of ROI'S  K ^TMP("IBNCR",$J)  N DRUGNM,IBNCRI,IBNCRJ,IBNCRK,IBNCRL,IBNCRM,IBNCRX,IBNCRX3,IBNCR0,IBNCR3  N IBNDM,IBNDRUG  S (IBNCRI,IBNCRJ,IBNCRK,IBNCRL,VALMCNT)=0  ;  ; -- find all ROI'S  K IBNCRJ S IBNCRJ=0  S IBNDRUG=0 F S IBNDRUG=$O(^IBT(356.25,"AE",DFN,IBNDRUG)) Q:'IBNDRUG D  . S IBNDM=0 F S IBNDM=$O(^IBT(356.25,"AE",DFN,IBNDRUG,IBNDM)) Q:'IBNDM D  .. ; -- add to list  .. S IBNCRJ=IBNCRJ+1  .. S IBNCRX=IBNCRJ ; NUMBER  .. S IBNCR0=^IBT(356.25,IBNDM,0)  .. I $G(^IBT(356.25,IBNDM,3))’="" D BLD3 Q ; add Non-Sensitive Use to list  .. ; add ROI to list  .. I $P(IBNCR0,"^",7)="0" S $E(IBNCRX,4)="I" ; STATUS  .. S DRUGNM=$E($$DRUG^IBRXUTL1(IBNDRUG),1,28)  .. S $E(IBNCRX,6)=DRUGNM ; DRUG  .. ; for ROI entries  .. S IBNCRL=0 F S IBNCRL=$O(^IBT(356.25,"AC",DFN,IBNDRUG,IBNCRL)) Q:'IBNCRL D  ... ; -- add to list  ... S $E(IBNCRX,35)=$E($$GET1^DIQ(36,+IBNCRL,.01),1,15) ; INSURANCE  ... S $E(IBNCRX,55)=$$DAT1^IBOUTL($P(IBNCR0,"^",5)) ; EFFECTIVE DATE  ... I $P(IBNCR0,"^",6)]"" S IBNCRX=IBNCRX\_" -"  ... S $E(IBNCRX,66)=$$DAT1^IBOUTL($P(IBNCR0,"^",6)) ; EXPIRATION DATE  ... D SET(IBNCRX)  ... Q  .. Q  ;  BLDQ ;  I VALMCNT=0 D SET(" -- No ROI's on file for patient --")  Q | | | | | |

A new procedure will need to be added to IBNCPDR that will be used to list the Non-Sensitive Use entries on the Sensitive Drug Management screen.

| Subroutine Name | **BLD3^IBNCPDR** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions |  | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| BLD^IBNCPDR | | | $$DRUG^IBRXUTL1 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new procedure | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| BLD3 ; -- build Non-Sensitive Use entry  N IBNCR3,IBNCRX2,IBNDRUG  S IBNCR3=$G(^IBT(356.25,IBNDM,3))  ; first line of the entry  I $P(IBNCR3,"^",7)="0" S $E(IBNCRX,4)="I" ; STATUS  S IBNDRUG=$E($$DRUG^IBRXUTL1(IBNDRUG),1,28)  S $E(IBNCRX,6)=IBNDRUG ; DRUG  D SET(IBNCRX)  ; build second line of the entry  S IBNCRX2=""  S $E(IBNCRX2,9)=$P(IBNCR3,"^",3) ; NON-SENSITIVE DIAGNOSIS  S $E(IBNCRX2,37)=$P(IBNCR3,"^",2) ; AUTHORIZER  S $E(IBNCRX2,62)=$$DAT1^IBOUTL($P(IBNCR3,"^",1)) ; AUTHORIZED DATE  S VALMCNT=VALMCNT+1,^TMP("IBNCR",$J,VALMCNT,0)=IBNCRX2  Q  ; | | | | | | | | |

Modify the name of action Add ROI, rename it to Add ROI/Sensitive Drug. The following ITEM TEXT field #1 will need to be updated in the PROTOCOL file #19. The table below describes this change.

|  |  |
| --- | --- |
| **Protocol Name** | **IBNCR ADD ROI** |
| **Field #1** – current value | Add ROI |
| **Field #1** – updated value | Add ROI/Sensitive Drug |

There will be new questions added in order to determine whether or not the medication is used for a sensitive or non-sensitive condition and whether there is a Signed ROI on file. The tables below describe the changes that were made to IBNCPDR2 in order to accommodate these new questions/prompts. Some procedures will be modified and other new procedures will be added.

| Subroutine Name | **AD^IBNCPDR2** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions | Add ROI/Sensitive Drug | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| Add ROI/Sensitive Drug | | | FULL^VALM1,  PAUSE^IBNCPBB,  FILE^DICN,  CTCLN^IBNCPDR2,  EN^DDIOL,  BLD^IBNCPDR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| IBNCPDR2 ;ALB/BDB - ROI MANAGEMENT, ADD ROI ;30-NOV-07  ;;2.0;INTEGRATED BILLING;\*\*384,550\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  ;  AD ; -- Add tracking entry  D FULL^VALM1  N X,Y,DIC,DA,DR,DD,DO,DIR,DIRUT,DTOUT,DUOUT,IBETYP,IBQUIT,IBTDT,VAIN,VAINDT,IBTRN,IBTDTE,IBROIDR  ;  L +^IBT(356.25,0):10 I '$T D PAUSE^IBNCPBB("ROI File busy while trying to add a new entry") G ADDQ  S X=$P($S($D(^IBT(356.25,0)):^(0),1:"^^-1"),"^",3)+1 L -^IBT(356.25,0)  S DIC="^IBT(356.25,",DIC(0)="L",DLAYGO=356.25  S DIC("DR")=".02////"\_$G(DFN)\_";.03;.04;@1;.05;S IBROIDR=X;.06;I (X-IBROIDR)<0 D EN^DDIOL("" \*\* The ROI expiration date must be on or after the fill date. \*\*"") S Y=""@1"";.07////1;1.01///NOW;1.02////"  S DIC("DR")=DIC("DR")\_DUZ\_";1.03///NOW;1.04////"\_DUZ\_";1.05///NOW;2.01"  D FILE^DICN  N IBNCRPR S IBNCRPR=0 I +Y>0 S IBNCRPR=+Y,ZTIO="",ZTRTN="CTCLN^IBNCPDR2",ZTDTH=$H,ZTSAVE("IBNCRPR")="",ZTDESC="IB - Make ROI Pharmacy entries in Claims Tracking billable"  I IBNCRPR D ^%ZTLOAD K ZTSK,ZTIO,ZTSAVE,ZTDESC,ZTRTN  D BLD^IBNCPDR  ADDQ ;  S VALMBCK="R"  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IBNCPDR2 ;ALB/BDB - ROI MANAGEMENT, ADD ROI ;30-NOV-07  ;;2.0;INTEGRATED BILLING;\*\*384,550,591\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  ;  AD ; -- Add tracking entry  D FULL^VALM1  N DA,DD,DIC,DIR,DIRUT,DO,DR,DTOUT,DUOUT,VAIN,VAINDT,X,Y  N IBETYP,IBNS,IBROIDR,IBSENS,IBSIGN,IBTDT,IBTDTE,IBTRN,IBQUIT  ;  L +^IBT(356.25,0):10 I '$T D PAUSE^IBNCPBB("ROI File busy while trying to add a new entry") G ADDDQ  S X=$P($S($D(^IBT(356.25,0)):^(0),1:"^^-1"),"^",3)+1 L -^IBT(356.25,0)  S DIC="^IBT(356.25,",DIC(0)="L",DLAYGO=356.25  S DIC("DR")=".02////"\_$G(DFN)\_";.03"    ; Patient, Drug  D FILE^DICN  ;  ; new prompts  S(IBSENS,IBNS,IBSIGN,IBSENS)=0  ;  S IBSENS=$$SENCON ; Used for a Sensitive Condition? (0-No, 1-Yes)  I IBSENS=0 S IBNS=$$NSUSE I IBNS=1 G ADD1  I IBNS=-1 G ADDQ ; user entered “^”  S IBSIGN=$$SIGN ; Signed ROI on file?  I IBSIGN=-1 G ADDQ ; user entered “^”  I IBSIGN=0,IBSENS=1 W !!,"A Signed ROI is required when medication is for a VA Sensitive Condition.",!,"Press Return to continue." G ADDQ  ; ROI on File  S DIC("DR")=".04"   ; .05 - Effective Date / .06 - Expiration Date   S DIC("DR")=DIC("DR")\_";@1;.05;S IBROIDR=X;.06;I (X-IBROIDR)<0 D EN^DDIOL("" \*\* The ROI expiration date must be on or after the fill date. \*\*"") S Y=""@1"  S DIC("DR")=DIC("DR")\_";.07////1"       ; Active?  S DIC("DR")=DIC("DR")\_";1.01///NOW"     ; Date ROI Added  S DIC("DR")=DIC("DR")\_";1.02////"       ; User Adding Entry  S DIC("DR")=DIC("DR")\_DUZ\_";1.03///NOW" ; Date ROI Last Updated  S DIC("DR")=DIC("DR")\_";1.04////"\_DUZ   ; User Last Updating  S DIC("DR")=DIC("DR")\_";1.05///NOW"     ; Date Last Used   S DIC("DR")=DIC("DR")\_";2.01"           ; Comment  D FILE^DICN  ADD1 ;  N IBNCRPR  S IBNCRPR=0  I +Y>0 S IBNCRPR=+Y,ZTIO="",ZTRTN="CTCLN^IBNCPDR2",ZTDTH=$H,ZTSAVE("IBNCRPR")="",ZTDESC="IB - Make ROI Pharmacy entries in Claims Tracking billable"  I IBNCRPR D ^%ZTLOAD K ZTSK,ZTIO,ZTSAVE,ZTDESC,ZTRTN  D BLD^IBNCPDR  ADDQ ;  S VALMBCK="R"  Q | | | | | | | | |

This new procedure will be added to ask if the medication is being used for a sensitive condition.

| Subroutine Name | **SENCON^IBNCPDR2** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions | Add ROI/Sensitive Drug | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| AD^IBNCPDR2 | | | ^DIR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new procedure | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| SENCON() ; Sensitive Condition question - Required  ; Function return values:  ; 1=Yes, 0=No, -1=“^”   ;  N DIR,DIRUT,Y  ;  S DIR(0)="Y"  S DIR("A")=" IS THIS MEDICATION BEING USED FOR A VA SENSITIVE CONDITION"  S DIR("?")=" Enter Yes or No."  D ^DIR  I $D(DIRUT) S Y=-1  Q Y | | | | | | | | |

This new procedure will be added to ask if there is a Signed ROI on file.

| Subroutine Name | **SIGN^IBNCPDR2** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions | Add ROI/Sensitive Drug | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| AD^IBNCPDR2 | | | ^DIR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new procedure | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| SIGN() ; Signed ROI question - Required  ; Function return values:  ; 1=Yes, 0=No, -1=“^”  ;  N DIR,DIRUT,Y  ;  S DIR(0)="Y"  S DIR("A")=" IS A SIGNED ROI ON FILE"  S DIR("?",1)=" Enter Yes or No. An entry of No is used when a clinician has determined this"   S DIR("?",2)=" sensitive medication is being used for a non-sensitive condition and the"  S DIR("?")=" prescription should be billed without a signed ROI."  D ^DIR  I $D(DIRUT) S Y=-1  Q Y | | | | | | | | |

This new procedure will be added to ask/prompt for the non-sensitive use fields.

| Subroutine Name | **NSUSE^IBNCPDR2** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions | Add ROI/Sensitive Drug | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| AD^IBNCPDR2 | | | ^DIR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new procedure | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| NSUSE() ; Prompt for Non-Sensitive Use fields  ; Function return values:  ; 1 = completed successfully  ; -1 = user entered “^”  ;   N AUTHDT,CSCAUTH,DIR,DIRUT,NSDIAG,X,Y  S DIR(0)="FT^"  S DIR("A")=" ENTER CLINICAL STAFF PERSON CONSULTED"  S DIR("?")=" Enter the Clinical Staff Person Consulted regarding Non-Sensitive use."  D ^DIR  I $D(DIRUT) Q -1  S CSCAUTH=Y  ;  S DIR(0)="DT^"  S DIR("A")=" ENTER DATE OF AUTHORIZATION BY CLINICAL STAFF PERSON"  S DIR("?")=" Enter Date of Authorization for Non-Sensitive Use by Clinical Staff Person."  D ^DIR  I $D(DIRUT) Q -1  S AUTHDT=Y  ;   S DIR(0)="FT^"  S DIR("A")=" ENTER DIAGNOSIS PROVIDED BY CLINICAL STAFF"  S DIR("?")=" Enter Non-Sensitive Diagnosis provided by Clinical Staff."  D ^DIR  I $D(DIRUT) Q -1  S NSDIAG=Y  ;  S DIC("DR")="3.01////"\_AUTHDT\_";3.02////"\_CSCAUTH\_";3.03////"\_NSDIAG  S DIC("DR")=DIC("DR")\_";3.05;3.06;5.01"  S DIC("DR")=DIC("DR")\_";3.07////1;4.01///NOW;4.02////;4.03///NOW”  S DIC("DR")=DIC("DR")\_";4.04////"\_DUZ\_";4.05///NOW"  D FILE^DICN  Q 1 | | | | | | | | |

A new screen will also be added to accommodate there not being a ROI on File. This screen will contain the Non-Sensitive Diagnosis information. Also some of the field labels for this screen will need to be changed. The table below describes all these changes.

| Subroutine Name | **BLD^IBNCPDR5** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions |  | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| Add ROI/Sensitive Drug | | | KILL^VALM10,  $$DRUG^IBRXUTL1,  $$DAT1^IBOUTL,  $$USR^IBNCPEV | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| IBNCPDR5 ;ALB/BDB - ROI MANAGEMENT, EXPAND ROI ;30-NOV-07  ;;2.0;INTEGRATED BILLING;\*\*384\*\*; 21-MAR-94;Build 74  ;;Per VHA Directive 2004-038, this routine should not be modified.  ;  .  .  .  BLD ; -- expand the ROI  N IBNCR0,IBNCR1,IBNCR2,IBNCRJ,IBNCROFF  D KILL^VALM10()  F I=1:1:14 D BLANK(.I)  S IBNCRJ=0,IBNCROFF=1  D SET(IBNCRJ+1,2,$E($P($G(^DPT(DFN,0)),"^"),1,20)\_" has the following ROI on file:")  S IBNCR0=$G(^IBT(356.25,IBNCRPR,0)),IBNCR1=$G(^(1)),IBNCR2=$G(^(2))  S ^TMP("IBNCR",$J,"ROI0")=IBNCR0,^("ROI1")=IBNCR1,^("ROI2")=IBNCR2  D SET(IBNCRJ+3,2,"Drug: "\_$$DRUG^IBRXUTL1($P(IBNCR0,U,3)))  I $D(^DIC(36,$P(IBNCR0,U,4),0)) D SET(IBNCRJ+4,2,"Insurance Company: "\_$P(^(0),"^"))  D SET(IBNCRJ+5,2,"Effective Date: "\_$$DAT1^IBOUTL($P(IBNCR0,"^",5)))  D SET(IBNCRJ+6,2,"Expiration Date: "\_$$DAT1^IBOUTL($P(IBNCR0,"^",6)))  D SET(IBNCRJ+7,2,"Status: Active ")  I $P(IBNCR0,U,7)="0" D SET(IBNCRJ+7,2,"Status: Inactive")  D SET(IBNCRJ+8,2,"Comment: "\_$P(IBNCR2,"^",1))  D SET(IBNCRJ+10,IBNCROFF," Date ROI Added: "\_$$DAT1^IBOUTL($P(IBNCR1,U,1)))  D SET(IBNCRJ+11,IBNCROFF," User Adding Entry: "\_$$USR^IBNCPEV($P(IBNCR1,U,2)))  D SET(IBNCRJ+12,IBNCROFF," Date ROI Last Updated: "\_$$DAT1^IBOUTL($P(IBNCR1,U,3)))  D SET(IBNCRJ+13,IBNCROFF," User Last Updating: "\_$$USR^IBNCPEV($P(IBNCR1,U,4)))  D SET(IBNCRJ+14,IBNCROFF," Date Last Used: "\_$$DAT1^IBOUTL($P(IBNCR1,U,5)))  BLDQ ;  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IBNCPDR5 ;ALB/BDB - ROI MANAGEMENT, EXPAND ROI ;30-NOV-07  ;;2.0;INTEGRATED BILLING;\*\*384,591\*\*; 21-MAR-94;Build 74  ;;Per VHA Directive 2004-038, this routine should not be modified.  ;  .  .  .  BLD ; -- expand the ROI  N IBACTROI,IBNCR0,IBNCR1,IBNCR2,IBNCR3,IBNCR4,IBNCR5,IBNCRJ,IBNCROFF,IBROI  N IBDRUG,IBINS,IBDT  ;  D KILL^VALM10()  F I=1:1:14 D BLANK(.I)  ;  S IBNCRJ=0,IBNCROFF=1  S IBNCR0=$G(^IBT(356.25,IBNCRPR,0)),IBNCR1=$G(^(1)),IBNCR2=$G(^(2))  S IBNCR3=$G(^IBT(356.25,IBNCRPR,3)),IBNCR4=$G(^(4)),IBNCR5=$G(^(5))  S ^TMP("IBNCR",$J,"ROI0")=IBNCR0,^("ROI1")=IBNCR1,^("ROI2")=IBNCR2  S ^TMP("IBNCR",$J,"ROI3")=IBNCR3,^("ROI4")=IBNCR4,^("ROI5")=IBNCR5   S NOW=$$NOW^XLFDT()  S IBDRUG=$P(IBNCR0,U,3),IBINS=$P(IBNCR0,U,4)  S IBDT=$$HTFM^XLFDT($H)  ; determine if there is an Active ROI on file  S IBACTROI="",IBROI="\*\*Active ROI NOT on File\*\*"  ; if ROI is Active=1 and ROI is not Expired then Active ROI on File  S IBACTROI=$$ROI^IBNCPDR4(DFN,IBDRUG,IBINS,IBDT)  I IBACTROI=1,$P(IBNCR0,U,6)>IBDT S IBROI="\*\*Active ROI on File\*\*"  D SET(IBNCRJ+1,2,$E($P($G(^DPT(DFN,0)),U),1,20)\_" has the following Sensitive Drug on file: "\_IBROI)  ;  D SET(IBNCRJ+3,2,"Drug: "\_$$DRUG^IBRXUTL1($P(IBNCR0,U,3)))  I IBACTROI=0 D  . D SET(IBNCRJ+5,2,"Authorization Date: "\_$$DAT1^IBOUTL($P(IBNCR3,U)))  . D SET(IBNCRJ+6,2,"Clinical Staff Person Consulted: "\_$$USR^IBNCPEV($P(IBNCR3,U,2)))  . D SET(IBNCRJ+7,2,"Non-Sensitive Diagnosis: "\_$P(IBNCR3,U,3))  . D SET(IBNCRJ+8,2,"Status: Active ")  . I $P(IBNCR3,U,7)="0" D SET(IBNCRJ+8,2,"Status: Inactive")  . D SET(IBNCRJ+9,2,"Comment: "\_$P(IBNCR5,U,1))  . D SET(IBNCRJ+10,IBNCROFF," Date Entry Added: "\_$$DAT1^IBOUTL($P(IBNCR4,U,1)))  . D SET(IBNCRJ+11,IBNCROFF," User Adding Entry: "\_$$USR^IBNCPEV($P(IBNCR4,U,2)))  . D SET(IBNCRJ+12,IBNCROFF," Date Entry Last Updated: "\_$$DAT1^IBOUTL($P(IBNCR4,U,3)))  . D SET(IBNCRJ+13,IBNCROFF," User Last Updating: "\_$$USR^IBNCPEV($P(IBNCR4,U,4)))  . D SET(IBNCRJ+14,IBNCROFF," Date Last Used: "\_$$DAT1^IBOUTL($P(IBNCR4,U,5)))  . Q  E D  . I $D(^DIC(36,$P(IBNCR0,U,4),0)) D SET(IBNCRJ+4,2,"Insurance Company: "\_$P(^(0),"^"))  . D SET(IBNCRJ+5,2,"Effective Date: "\_$$DAT1^IBOUTL($P(IBNCR0,U,5)))  . D SET(IBNCRJ+6,2,"Expiration Date: "\_$$DAT1^IBOUTL($P(IBNCR0,U,6)))  . D SET(IBNCRJ+7,2,"Status: Active ")  . I $P(IBNCR3,U,4)="0" D SET(IBNCRJ+7,2,"Status: Inactive")  . D SET(IBNCRJ+8,2,"Comment: "\_$P(IBNCR2,"^",1))  . D SET(IBNCRJ+9,IBNCROFF," Date Entry Added: "\_$$DAT1^IBOUTL($P(IBNCR1,U,1)))  . D SET(IBNCRJ+10,IBNCROFF," User Adding Entry: "\_$$USR^IBNCPEV($P(IBNCR1,U,2)))  . D SET(IBNCRJ+11,IBNCROFF," Date Entry Last Updated: "\_$$DAT1^IBOUTL($P(IBNCR1,U,3)))  . D SET(IBNCRJ+12,IBNCROFF," User Last Updating: "\_$$USR^IBNCPEV($P(IBNCR1,U,4)))  . D SET(IBNCRJ+13,IBNCROFF," Date Last Used: "\_$$DAT1^IBOUTL($P(IBNCR1,U,5)))  BLDQ ;  Q | | | | | | | | |

| Subroutine Name | **EN^** **IBNCPDR1** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions | IBNCR VIEWEDIT ROI | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
|  | | | FULL^VALM1,  ^DIE,  BLD^IBNCPDR5,  CTCLN^IBNCPDR2 | | | | |
| Related Integration Control Registrations (ICRs) |  | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| IBNCPDR1 ;ALB/BDB - ROI MANAGEMENT ;30-NOV-07  ;;2.0;INTEGRATED BILLING;\*\*384,550\*\*; 21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  EN ; -- ROI Update  D FULL^VALM1 W !!  N IBDIF,DA,DR,DIC,DIE,DGSENFLG,IBEFF,IBROI  L +^IBT(356.25,IBNCRPR):5 I '$T D LOCKED^IBTRCD1 G ROIQ  S DIE="^IBT(356.25,",DA=IBNCRPR,DIE("NO^")="BACK",DR="@1;.05;S IBEFF=X;.06;I X<IBEFF W !,"" EXPIRATION DATE < EFFECTIVE DATE ??"" S Y=""@1"";.07;2.01"  D ^DIE K DIC,DIE,DA,DR  S IBDIF=0  I $G(^IBT(356.25,IBNCRPR,0))'=$G(TMP("IBNCR",$J,"ROI0")) S IBDIF=1  I $G(^IBT(356.25,IBNCRPR,1))'=$G(TMP("IBNCR",$J,"ROI1")) S IBDIF=1  I $G(^IBT(356.25,IBNCRPR,2))'=$G(TMP("IBNCR",$J,"ROI2")) S IBDIF=1  I IBDIF D UPDATE,BLD^IBNCPDR5  L -^IBT(356.25,IBNCRPR)  S ZTIO="",ZTRTN="CTCLN^IBNCPDR2",ZTSAVE("IBNCRPR")="",ZTDTH=$H,ZTDESC="IB - Make ROI Pharmacy entries in Claims Tracking billable"  D ^%ZTLOAD K ZTSK,ZTIO,ZTSAVE,ZTDESC,ZTRTN  ;D CTCLN^IBNCPDR2  ROIQ S VALMBCK="R" Q  ;  UPDATE ; -- Update last edited by  N DA,DIC,DIE,DR  S DIE="^IBT(356.25,",DA=IBNCRPR,DR="1.03///NOW;1.04////"\_DUZ  D ^DIE  S VALMBCK="R" Q  ; | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IBNCPDR1 ;ALB/BDB - ROI MANAGEMENT ;30-NOV-07  ;;2.0;INTEGRATED BILLING;\*\*384,550,591\*\*; 21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  EN ; -- ROI Update  D FULL^VALM1 W !!  N IBDIF,DA,DR,DIC,DIE,DGSENFLG,IBEFF,IBROI  L +^IBT(356.25,IBNCRPR):5 I '$T D LOCKED^IBTRCD1 G ROIQ  S DIE="^IBT(356.25,",DA=IBNCRPR,DIE("NO^")="BACK"  I $G(^IBT(356.25,IBNCRPR,3))’=”” D G EN1  . S DR=”3.07;5.01”  . D ^DIE K DIC,DIE,DA,DR   . S IBDIF=0  . I $G(^IBT(356.25,IBNCRPR,3))'=$G(TMP("IBNCR",$J,"ROI3")) S IBDIF=2  . I $G(^IBT(356.25,IBNCRPR,4))'=$G(TMP("IBNCR",$J,"ROI4")) S IBDIF=2  . Q  ;  S DR="@1;.05;S IBEFF=X;.06;I X<IBEFF W !,"" EXPIRATION DATE < EFFECTIVE DATE ??"" S Y=""@1""”  S DR=DR\_”;.07;2.01"  D ^DIE K DIC,DIE,DA,DR  S IBDIF=0  I $G(^IBT(356.25,IBNCRPR,0))'=$G(TMP("IBNCR",$J,"ROI0")) S IBDIF=1  I $G(^IBT(356.25,IBNCRPR,1))'=$G(TMP("IBNCR",$J,"ROI1")) S IBDIF=1  I $G(^IBT(356.25,IBNCRPR,2))'=$G(TMP("IBNCR",$J,"ROI2")) S IBDIF=1 EN1 ;   I IBDIF D UPDATE,BLD^IBNCPDR5  L -^IBT(356.25,IBNCRPR)  S ZTIO="",ZTRTN="CTCLN^IBNCPDR2",ZTSAVE("IBNCRPR")="",ZTDTH=$H,ZTDESC="IB - Make ROI Pharmacy entries in Claims Tracking billable"  D ^%ZTLOAD K ZTSK,ZTIO,ZTSAVE,ZTDESC,ZTRTN  ;D CTCLN^IBNCPDR2 ROIQ S VALMBCK="R"  Q  ; UPDATE ; -- Update last edited by  N DA,DIC,DIE,DR  I IBDIF=1 S DIE="^IBT(356.25,",DA=IBNCRPR,DR="1.03///NOW;1.04////"\_DUZ  I IBDIF=2 S DIE="^IBT(356.25,",DA=IBNCRPR,DR="4.03///NOW;4.04////"\_DUZ  D ^DIE  S VALMBCK="R"  Q  ; | | | | | | | | |

The actions and options that submit a claim should now check Sensitive Drugs for a Non-Sensitive Use Diagnosis. If there is an Active Non-Sensitive Diagnosis for a Sensitive Drug skip the existing logic that checks for a signed Release of Information (ROI). If there is not an Active Non-Sensitive Use Diagnosis for a Sensitive drug, continue claim submission with the existing logic that checks for a signed ROI.

A new procedure was created that checks for an Active Non-Sensitive Use entry. This procedure is described below. A call to this new procedure was added to several routines and these changes are also described in the tables below.

| Subroutine Name | **NSDCHK^IBNCPDR4** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions |  | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| ROICHK^IBCBB11 | | | n/a | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: IBPAT  Definition: Patient IEN (required)  New  Modify  Delete  No Change  Name: IBDRUG (required)  Definition: Drug IEN (required)  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new procedure | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| NSDCHK(IBPAT,IBDRUG) ; check for an Active Non-Sensitive Use  ;Input:  ; IBPAT = patient ien (required)  ; IBDRUG = drug ien (required)  ;   ;Returns:  ; NSD=1 - if Non-Sensitive Diag on file and Active,  ; NSD=0 - if there isn’t a Non-Sensitive Diag entry  ; NSD=0 - Non-Sensitive Diag but Inactive  ;  N ACTIVE,NSD,NSDIAG,NSIEN  ;  I IBPAT=””!(IBDRUG=””) Q 0  S NSD=0  S NSIEN=”” F S NSIEN=$O(^IBT(356.25,”AE”,IBPAT,IBDRUG,NSIEN))Q:NSIEN=”” D Q:NSD=1  . S NSDIAG=$$GET1^DIQ(356.35,NSIEN,3.03,”I”)  . I NSDIAG=”” Q  . ; Non-Sensitive Use Active?  . S ACTIVE=$$GET1^DIQ(356.25,NSIEN,3.07,”I”)  . I ACTIVE S NSD=1  . Q  Q NSD | | | | | | | | |

This procedure will be modified to check for an Active Non-Sensitive Use entry. If one is found don’t continue to check for the ROI.

| Subroutine Name | **ROICHK^IBNCPDR4** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions |  | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| CT^IBNCPBB,  PROCESS^IBNCPBB1,  ROI399^IBNCPDR4 | | | DATA^PSS50,  EN^DDIOL,  $$SENS^IBNCPDR,  $$KCHK^XUSRB,  $$NSDCHK,  $$ROI | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: IBPAT  Definition: patient (req)  New  Modify  Delete  No Change  Name: IBDRUG  Definition: drug (req)  New  Modify  Delete  No Change  Name: IBINS  Definition: insurance file 36 (req)  New  Modify  Delete  No Change  Name: IBDT  Definition: fileman format fill date (req)  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ROICHK(IBPAT,IBDRUG,IBINS,IBDT) ;Check for ROI  ; Function returns 1 if ROI on file or new ROI added, 0 if no ROI on file  ; it returns a 2 if not needed, passes checks  ;  ; -- input IBPAT = patient (req)  ; IBDRUG = drug (req)  ; IBINS = insurance file 36 (req)  ; IBDT = fileman format fill date (req)  N DIC,DIE,DA,DR,DQ,D0,DI,D,X,Y  I $$ROI(IBPAT,IBDRUG,IBINS,IBDT) Q 1 ;ROI is on file  K ^TMP($J,"IBDRUG")  D DATA^PSS50(IBDRUG,,,,,"IBDRUG")  I '$$SENS^IBNCPDR(IBDRUG) Q 2 ; drug not sensitive, ROI not needed  D EN^DDIOL("This drug requires a Release of Information(ROI) for:","","!!")  D EN^DDIOL(" PATIENT: ","","!") D EN^DDIOL($E($P($G(^DPT(IBPAT,0)),U),1,20),"","?0")  D EN^DDIOL(" DRUG: ","","!") D EN^DDIOL($E($G(^TMP($J,"IBDRUG",IBDRUG,.01)),1,30),"","?0")  D EN^DDIOL(" INSURANCE COMPANY: ","","!") D EN^DDIOL($P($G(^DIC(36,+IBINS,0)),U),"","?0")  D EN^DDIOL(" FILL DATE: ","","!") D EN^DDIOL($$DAT1^IBOUTL(IBDT),"","?0")  I '$$KCHK^XUSRB("IBCNR ROI") Q 0  K ^TMP($J,"IBDRUG")  S DIR(0)="Y",DIR("A")="Do you want to add a new ROI for this patient? "  S DIR("B")="NO"  S DIR("?")="If you want to add a new ROI, enter 'Yes' - otherwise, enter 'No'"  D EN^DDIOL("","","!") D ^DIR K DIR  I 'Y D EN^DDIOL(" \*\*\* Rx requires an ROI. Please add the required ROI.","","!") Q 0 ;Stop processing  I '$$AD(IBPAT,IBDRUG,IBINS,IBDT) D EN^DDIOL(" \*\*\* Rx requires an ROI.","","!") D EN^DDIOL(" Please add an ROI before submitting the claim.","","!") Q 0 ;Stop processing  Q 1 ;Continue processing | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ROICHK(IBPAT,IBDRUG,IBINS,IBDT) ;Check for ROI  ; Function returns:  ; 0 if no ROI on file  ; 1 if ROI on file or new ROI added  ; 2 if ROI not necessary or being used for a non-sensitive diagnosis  ;  ; -- input IBPAT = patient (req)  ; IBDRUG = drug (req)  ; IBINS = insurance file 36 (req)  ; IBDT = fileman format fill date (req)  N DIC,DIE,DA,DR,DQ,D0,DI,D,X,Y  K ^TMP($J,"IBDRUG")  D DATA^PSS50(IBDRUG,,,,,"IBDRUG")  I '$$SENS^IBNCPDR(IBDRUG) Q 2 ; drug not sensitive, ROI not needed  I $$NSDCHK(IBPAT,IBDRUG) Q 2 ;Active Non-Sensitive Diagnosis  I $$ROI(IBPAT,IBDRUG,IBINS,IBDT) Q 1 ;ROI is on file – should now be checked after NSD  D EN^DDIOL("This drug requires a Release of Information(ROI) for:","","!!")  D EN^DDIOL(" PATIENT: ","","!") D EN^DDIOL($E($P($G(^DPT(IBPAT,0)),U),1,20),"","?0")  D EN^DDIOL(" DRUG: ","","!") D EN^DDIOL($E($G(^TMP($J,"IBDRUG",IBDRUG,.01)),1,30),"","?0")  D EN^DDIOL(" INSURANCE COMPANY: ","","!") D EN^DDIOL($P($G(^DIC(36,+IBINS,0)),U),"","?0")  D EN^DDIOL(" FILL DATE: ","","!") D EN^DDIOL($$DAT1^IBOUTL(IBDT),"","?0")  I '$$KCHK^XUSRB("IBCNR ROI") Q 0  K ^TMP($J,"IBDRUG")  S DIR(0)="Y",DIR("A")="Do you want to add a new ROI for this patient? "  S DIR("B")="NO"  S DIR("?")="If you want to add a new ROI, enter 'Yes' - otherwise, enter 'No'"  D EN^DDIOL("","","!") D ^DIR K DIR  I 'Y D EN^DDIOL(" \*\*\* Rx requires an ROI. Please add the required ROI.","","!") Q 0 ;Stop processing  I '$$AD(IBPAT,IBDRUG,IBINS,IBDT) D EN^DDIOL(" \*\*\* Rx requires an ROI.","","!") D EN^DDIOL(" Please add an ROI before submitting the claim.","","!") Q 0 ;Stop processing  Q 1 ;Continue processing | | | | | | | | |

This procedure will be modified to check for an Active Non-Sensitive Use entry. If one is found don’t continue to check for the ROI.

| Subroutine Name | **ROI^IBNCPDR4** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions |  | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| ROICHK^IBCBB11,  RX^IBNCPDP1,  CT^IBNCPDPU,  RXCHK^IBTRKR3 | | | ^DIE | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: IBDFN  Definition: patient (req)  New  Modify  Delete  No Change  Name: IBDRUG  Definition: drug (req)  New  Modify  Delete  No Change  Name: IBINS  Definition: insurance file 36 (req)  New  Modify  Delete  No Change  Name: IBADT  Definition: fileman format fill date (req)  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ;Check for Release of Information (ROI) on file  ROI(IBDFN,IBDRUG,IBINS,IBADT) ; -- Check for ROI on file  ; Function returns 1 if ROI on file, 0 if no ROI on file  ;  ; -- input IBDFN = patient (req)  ; IBDRUG = drug (req)  ; IBINS = insurance file 36 (req)  ; IBADT = fileman format fill date (req)  ;  N IBROI,IBFLG  S IBFLG=0 ;No ROI on file  S IBROI=0 F S IBROI=$O(^IBT(356.25,"AC",IBDFN,IBDRUG,IBINS,IBROI)) G:'IBROI ROIQ D G:IBFLG ROIQ ;Check for ROI on file  . I IBADT<$P(^IBT(356.25,IBROI,0),U,5)!(IBADT>$P(^IBT(356.25,IBROI,0),U,6)) Q ;Date out of range  . I $P(^IBT(356.25,IBROI,0),U,7)="0" Q ;Inactive ROI  . S IBFLG=1 ;ROI on file  . S DIE="^IBT(356.25,",DA=IBROI,DR="1.05///NOW" D ^DIE  ROIQ ;  Q IBFLG | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Check for Release of Information (ROI) on file  ROI(IBDFN,IBDRUG,IBINS,IBADT) ; -- Check for ROI on file  ; Function returns 1 if ROI on file, 0 if no ROI on file or Active Non-Sensitive Use on file  ;  ; -- input IBDFN = patient (req)  ; IBDRUG = drug (req)  ; IBINS = insurance file 36 (req)  ; IBADT = fileman format fill date (req)  ;  N IBROI,IBFLG  S IBFLG=0 ;No ROI on file  ; if Active Non-Sens Diag is found we don’t need to check for ROI on file  I $$NSDCHK(IBDFN,IBDRUG) Q 0  S IBROI=0 F S IBROI=$O(^IBT(356.25,"AC",IBDFN,IBDRUG,IBINS,IBROI)) G:'IBROI ROIQ D G:IBFLG ROIQ ;Check for ROI on file  . I IBADT<$P(^IBT(356.25,IBROI,0),U,5)!(IBADT>$P(^IBT(356.25,IBROI,0),U,6)) Q ;Date out of range  . I $P(^IBT(356.25,IBROI,0),U,7)="0" Q ;Inactive ROI  . S IBFLG=1 ;ROI on file  . S DIE="^IBT(356.25,",DA=IBROI,DR="1.05///NOW" D ^DIE  ROIQ ;  Q IBFLG | | | | | | | | |

This procedure will be modified to check for an Active Non-Sensitive Use entry. If one is found don’t continue to check for the ROI.

| Subroutine Name | **ROI399^ IBNCPDR4** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions |  | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| X34^IBXS6,  X39^IBXS7,  X13^IBXSC61,  X13^IBXSC74 | | | $$SENS^IBNCPDR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: IBIFN  Definition: IEN of the Bill/Claims file (#399)  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ;Check for ROI on file  ROI399(IBIFN) ; -- ROI Complete? in Bill/Claims (#399;157)  ; Check drugs that contain the sensitive diagnosis drug field=1,  ; Claims Tracking ROI file (#356.25) to see if an ROI is on file  ;  ; input - IBIFN = IEN of the Bill/Claims file (#399)  ; output - 0 = sensitive diagnosis drug and no ROI on file  ; 1 = default, sensitive diagnosis drug and ROI on file  N IBX,IBY0,IBRXIEN,IBDT,IBDRUG,ROIQ,IBDFN,IBINS  N DIC,DIE,DA,DR,DQ,D0,DI,DISYS,D,X,Y,DE,DW,DV,DL,DLB  S IBDFN=$P(^DGCR(399,IBIFN,0),U,2) ;patient  S IBINS=$P(^DGCR(399,IBIFN,"MP"),U,1) ;payer insurance company  I 'IBINS S ROIQ=1 G ROI399Q  S ROIQ=1  S IBX=0 F S IBX=$O(^IBA(362.4,"C",$G(IBIFN),$G(IBX))) Q:'IBX D  .S IBY0=^IBA(362.4,IBX,0),IBRXIEN=$P(IBY0,U,5) I 'IBRXIEN Q  .S IBDT=$P(IBY0,U,3),IBDRUG=$P(IBY0,U,4)  .K ^TMP($J,"IBDRUG") D ZERO^IBRXUTL(IBDRUG)  .I $$SENS^IBNCPDR(IBDRUG) D  .. I $$ROICHK^IBNCPDR4(IBDFN,IBDRUG,IBINS,IBDT) Q  .. S ROIQ=0  ROI399Q ;  Q ROIQ | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Check for ROI on file  ROI399(IBIFN) ; -- ROI Complete? in Bill/Claims (#399;157)  ; Check drugs that contain the sensitive diagnosis drug field=1,  ; Claims Tracking ROI file (#356.25) to see if an ROI is on file  ;  ; input - IBIFN = IEN of the Bill/Claims file (#399)  ; output - 0 = sensitive diagnosis drug and no ROI on file  ; 1 = default, sensitive diagnosis drug and ROI on file  ; 1 = Active Non-Sensitive Diagnosis  N IBX,IBY0,IBRXIEN,IBDT,IBDRUG,ROIQ,IBDFN,IBINS  N DIC,DIE,DA,DR,DQ,D0,DI,DISYS,D,X,Y,DE,DW,DV,DL,DLB  S IBDFN=$P(^DGCR(399,IBIFN,0),U,2) ;patient  S IBINS=$P(^DGCR(399,IBIFN,"MP"),U,1) ;payer insurance company  I 'IBINS S ROIQ=1 G ROI399Q  S ROIQ=1  S IBX=0 F S IBX=$O(^IBA(362.4,"C",$G(IBIFN),$G(IBX))) Q:'IBX D  .S IBY0=^IBA(362.4,IBX,0),IBRXIEN=$P(IBY0,U,5) I 'IBRXIEN Q  .S IBDT=$P(IBY0,U,3),IBDRUG=$P(IBY0,U,4)  .K ^TMP($J,"IBDRUG") D ZERO^IBRXUTL(IBDRUG)  .I $$SENS^IBNCPDR(IBDRUG) D  .. I $$NSDCHK(IBPAT,IBDRUG) Q ; Active Non-Sensitive Diagnosis  .. I $$ROICHK^IBNCPDR4(IBDFN,IBDRUG,IBINS,IBDT) Q  .. S ROIQ=0  ROI399Q ;  Q ROIQ | | | | | | | | |

This procedure will be modified to check for an Active Non-Sensitive Use entry. If one is found don’t continue to check for the ROI.

| Subroutine Name | **ROICHK^IBCBB11** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions |  | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| IBCBB1 | | | ZERO^IBRXUTL,  $$SENS^IBNCPDR4,  $$NSDCHK^IBNCPDR4,  $$ROI^IBNCPDR4  $$RXAPI1^IBNCPUT1 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: IBIFN  Definition: IEN of the Bill/Claims file (#399)  New  Modify  Delete  No Change  Name: IBDFN  Definition: IEN of patient  New  Modify  Delete  No Change  Name: IBINS  Definition: IEN of the payer insurance company (#36)  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| IBCBB11 ;ALB/AAS/OIFO-BP/PIJ - CONTINUATION OF EDIT CHECK ROUTINE ;12 Jun 2006 3:45 PM  ;;2.0;INTEGRATED BILLING;\*\*51,343,363,371,395,392,401,384,400,436,432,516,550\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  .  .  ROICHK(IBIFN,IBDFN,IBINS) ; IB\*2.0\*384 - check prescriptions that contain the  ; SENSITIVE DIAGNOSIS DRUG field #87 in the DRUG File #50 set to 1 against  ; the Claims Tracking ROI file (#356.25) to see if an ROI is on file  ; input - IBIFN = IEN of the Bill/Claims file (#399)  ; IBDFN = IEN of the patient  ; IBINS = IEN of the payer insurance company (#36)  ; OUTPUT - 0 = no error  ; 1 = a prescription is sensitive and there is no ROI on file  ;  N IBX,IBY0,IBRXIEN,IBDT,IBDRUG,ROIQ  S ROIQ=0  S IBX=0 F S IBX=$O(^IBA(362.4,"C",IBIFN,IBX)) Q:'IBX D  .S IBY0=^IBA(362.4,IBX,0),IBRXIEN=$P(IBY0,U,5) I 'IBRXIEN Q  .S IBDT=$P(IBY0,U,3),IBDRUG=$P(IBY0,U,4)  .D ZERO^IBRXUTL(IBDRUG)  .I $$SENS^IBNCPDR(IBDRUG) D ; Sensitive Diagnosis Drug - check for ROI  .. I $$ROI^IBNCPDR4(IBDFN,IBDRUG,IBINS,IBDT) Q ;ROI is on file  .. D WARN("ROI not on file for prescription "\_$$RXAPI1^IBNCPUT1(IBRXIEN,.01,"E"))  .. S ROIQ=1  ROICHKQ ;  K ^TMP($J,"IBDRUG")  Q ROIQ | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IBCBB11 ;ALB/AAS/OIFO-BP/PIJ - CONTINUATION OF EDIT CHECK ROUTINE ;12 Jun 2006 3:45 PM  ;;2.0;INTEGRATED BILLING;\*\*51,343,363,371,395,392,401,384,400,436,432,516,550,591\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  .  .  ROICHK(IBIFN,IBDFN,IBINS) ; IB\*2.0\*384 - check prescriptions that contain the  ; SENSITIVE DIAGNOSIS DRUG field #87 in the DRUG File #50 set to 1 against  ; the Claims Tracking ROI file (#356.25) to see if an ROI is on file  ; input - IBIFN = IEN of the Bill/Claims file (#399)  ; IBDFN = IEN of the patient  ; IBINS = IEN of the payer insurance company (#36)  ; OUTPUT - 0 = no error  ; 1 = a prescription is sensitive and there is no ROI on file  ;  N IBX,IBY0,IBRXIEN,IBDT,IBDRUG,ROIQ  S ROIQ=0  S IBX=0 F S IBX=$O(^IBA(362.4,"C",IBIFN,IBX)) Q:'IBX D  .S IBY0=^IBA(362.4,IBX,0),IBRXIEN=$P(IBY0,U,5) I 'IBRXIEN Q  .S IBDT=$P(IBY0,U,3),IBDRUG=$P(IBY0,U,4)  .D ZERO^IBRXUTL(IBDRUG)  .I $$SENS^IBNCPDR(IBDRUG) D ; Sensitive Diagnosis Drug - check for ROI  .. I $$NSDCHK^IBNCPDR4(IBPAT,IBDRUG) Q ;Active Non-Sensitive Diagnosis  .. I $$ROI^IBNCPDR4(IBDFN,IBDRUG,IBINS,IBDT) Q ;ROI is on file  .. D WARN("ROI not on file for prescription "\_$$RXAPI1^IBNCPUT1(IBRXIEN,.01,"E"))  .. S ROIQ=1  ROICHKQ ;  K ^TMP($J,"IBDRUG")  Q ROIQ | | | | | | | | |

This procedure will be modified to only call ROICLN^IBNCPDR4 if there is an Active ROI on file (IBQ=1).

| Subroutine Name | **PROCESS^IBNCPBB1** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions |  | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
|  | | | $$SENS^IBNCPDR,  $$FILE^IBRXUTL,  $$INSUR^IBBAPI,  $$ROICHK^IBNCPDR4,  ROICLN^IBNCPDR4,  $$SUBMIT^IBNCPDPU,  $$STAT^IBNCPBB | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| IBNCPBB1 ;ALB/BDB - CONTINUATION OF ECME BACKBILLING ;24-JUN-2003  ;;2.0;INTEGRATED BILLING;\*\*384,550\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  Q  ;  PROCESS ;  N RES,IBY,IBD,IBRX,IBFIL,IBERR,IBBIL,IBPAT,IBDRUG,IBINS,IBDT,IBQ  S IBERR=0  S IBY=0 F S IBY=$O(IBSEL(IBY)) Q:'IBY D  . S IBD=$G(@IBREF@(IBY)) Q:IBD=""  . S IBRX=$P(IBD,U),IBFIL=+$P(IBD,U,3),IBBIL=$P(IBD,U,6)  . W !,"Submitting Rx# ",$P(IBD,U,2) W:IBFIL "Refill# ",IBFIL W:'IBFIL " (original fill)" W " ..."  . I IBBIL,'$P($G(^DGCR(399,IBBIL,"S")),U,16) D S IBERR=IBERR+1 Q  .. W !," \*\*\* Rx# ",$P(IBD,U,2)," was previously billed."  .. W !," Please cancel the Bill No ",$P($G(^DGCR(399,IBBIL,0)),U)," before submitting the claim"  . ; Sensitive Diagnosis Drug/ROI Check  . S IBDRUG=$P(IBD,U,5)  . I $$SENS^IBNCPDR(IBDRUG) D Q:'IBQ  .. S IBPAT=$$FILE^IBRXUTL(IBRX,2)  .. S IBDT=$P(IBD,U,4)  .. I '$$INSUR^IBBAPI(IBPAT,IBDT,"P",.IBANY,1) S IBQ=1 Q  .. S IBINS=+$G(IBANY("IBBAPI","INSUR",1,1))  .. S IBQ=$$ROICHK^IBNCPDR4(IBPAT,IBDRUG,IBINS,IBDT) D:IBQ ROICLN^IBNCPDR4("",IBRX,IBFIL)  .. I 'IBQ S IBERR=IBERR+1  . S RES=$$SUBMIT^IBNCPDPU(IBRX,IBFIL) W " ",$S(+RES=0:"Sent through ECME",1:"Not sent")  . I +RES'=0 W !?5,"\*\*\* ECME returned status: ",$$STAT^IBNCPBB(RES) S IBERR=IBERR+1  I 'IBERR W !!,"The selected Rx(s) have been submitted to ECME",!,"for electronic billing"  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IBNCPBB1 ;ALB/BDB - CONTINUATION OF ECME BACKBILLING ;24-JUN-2003  ;;2.0;INTEGRATED BILLING;\*\*384,550,591\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  Q  ;  PROCESS ;  N RES,IBY,IBD,IBRX,IBFIL,IBERR,IBBIL,IBPAT,IBDRUG,IBINS,IBDT,IBQ  S IBERR=0  S IBY=0 F S IBY=$O(IBSEL(IBY)) Q:'IBY D  . S IBD=$G(@IBREF@(IBY)) Q:IBD=""  . S IBRX=$P(IBD,U),IBFIL=+$P(IBD,U,3),IBBIL=$P(IBD,U,6)  . W !,"Submitting Rx# ",$P(IBD,U,2) W:IBFIL "Refill# ",IBFIL W:'IBFIL " (original fill)" W " ..."  . I IBBIL,'$P($G(^DGCR(399,IBBIL,"S")),U,16) D S IBERR=IBERR+1 Q  .. W !," \*\*\* Rx# ",$P(IBD,U,2)," was previously billed."  .. W !," Please cancel the Bill No ",$P($G(^DGCR(399,IBBIL,0)),U)," before submitting the claim"  . ; Sensitive Diagnosis Drug/ROI Check  . S IBDRUG=$P(IBD,U,5)  . I $$SENS^IBNCPDR(IBDRUG) D Q:'IBQ  .. S IBPAT=$$FILE^IBRXUTL(IBRX,2)  .. S IBDT=$P(IBD,U,4)  .. I '$$INSUR^IBBAPI(IBPAT,IBDT,"P",.IBANY,1) S IBQ=1 Q  .. S IBINS=+$G(IBANY("IBBAPI","INSUR",1,1))  .. S IBQ=$$ROICHK^IBNCPDR4(IBPAT,IBDRUG,IBINS,IBDT)  .. ; Only call ROICLN if IBQ=1 (ROI on file)  .. ; If $$ROICHK returns 2, then ROI is not needed due to active Non-Sensitive Use in place  .. I IBQ=1 D ROICLN^IBNCPDR4("",IBRX,IBFIL)  .. I 'IBQ S IBERR=IBERR+1  . S RES=$$SUBMIT^IBNCPDPU(IBRX,IBFIL) W " ",$S(+RES=0:"Sent through ECME",1:"Not sent")  . I +RES'=0 W !?5,"\*\*\* ECME returned status: ",$$STAT^IBNCPBB(RES) S IBERR=IBERR+1  I 'IBERR W !!,"The selected Rx(s) have been submitted to ECME",!,"for electronic billing"  Q | | | | | | | | |

This procedure will be modified to check for an Active Non-Sensitive Use entry. If one is found don’t continue to check for the ROI.

| Subroutine Name | **CT^IBNCPDPU** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions |  | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| CT^IBNCPDP1,  NONBR^IBNCPNB | | | ^DIE,  $$EABD^IBTUTL,  $$RXZERO^IBRXUTL,  $$SENS^IBNCPDR,  ALL^IBCNS1,  $$ROI^IBNCPDR4,  REFILL^IBTUTL1 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: DFN  Definition: Patient IEN  New  Modify  Delete  No Change  Name: IBRXN  Definition: Rx IEN  New  Modify  Delete  No Change  Name: IBFILL  Definition: Fill#  New  Modify  Delete  No Change  Name: IBADT  Definition: Date of Service  New  Modify  Delete  No Change  Name: IBRMARK  Definition: Non-billable reason (.01 from 356.8)  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| CT(DFN,IBRXN,IBFIL,IBADT,IBRMARK) ; files in claims tracking  ; Input:  ; DFN - Patient IEN  ; IBRXN - Rx IEN  ; IBFIL - Fill#  ; IBADT - Date of Service  ; IBRMARK - Non-billable Reason (.01 from 356.8)  ;  N DIE,DR,DA,IBRXTYP,IBEABD  ; Check that the Date of Service is current  I IBTRKRN,$G(IBADT),($G(IBADT)'=$P(^IBT(356,IBTRKRN,0),U,6)) D  . S DIE="^IBT(356,",DA=IBTRKRN,DR=".06////"\_IBADT D ^DIE  I IBTRKRN D:$D(IBRMARK) Q  . S DIE="^IBT(356,",DA=IBTRKRN,DR=".19///"\_IBRMARK  . D ^DIE  ; event type pointer for rx billing  S IBRXTYP=$O(^IBE(356.6,"AC",4,0))  ; earliest auto-billing date  S IBEABD=$$EABD^IBTUTL(IBRXTYP,$$FMADD^XLFDT(IBADT,60))  ; space out earliest auto bill date  ;  ; ROI check  N IBSCROI,IBDRUG,IBDEA,IBRXDATA  S IBRXDATA=$$RXZERO^IBRXUTL(DFN,IBRXN)  S IBDRUG=$P(IBRXDATA,U,6)  I $$SENS^IBNCPDR(IBDRUG) D  . N IBINS,IBFLG,IBINSP  . D ALL^IBCNS1(DFN,"IBINS",1,IBADT,1)  . S IBINSP=$O(IBINS("S",1,99),-1) Q:IBINSP=""  . S IBFLG=$$ROI^IBNCPDR4(DFN,$G(IBDRUG),+$G(IBINS(IBINSP,"0")),$G(IBADT))  . I 'IBFLG,$G(IBRMARK)="" S IBRMARK="ROI NOT OBTAINED" ; IB\*2\*550  . I 'IBFLG S IBSCROI=3  . I IBFLG S IBSCROI=2  ;  D REFILL^IBTUTL1(DFN,IBRXTYP,IBADT,IBRXN,IBFIL,$G(IBRMARK),IBEABD,$G(IBSCROI))  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| CT(DFN,IBRXN,IBFIL,IBADT,IBRMARK) ; files in claims tracking  ; Input:  ; DFN - Patient IEN  ; IBRXN - Rx IEN  ; IBFIL - Fill#  ; IBADT - Date of Service  ; IBRMARK - Non-billable Reason (.01 from 356.8)  ;  N DIE,DR,DA,IBRXTYP,IBEABD  ; Check that the Date of Service is current  I IBTRKRN,$G(IBADT),($G(IBADT)'=$P(^IBT(356,IBTRKRN,0),U,6)) D  . S DIE="^IBT(356,",DA=IBTRKRN,DR=".06////"\_IBADT D ^DIE  I IBTRKRN D:$D(IBRMARK) Q  . S DIE="^IBT(356,",DA=IBTRKRN,DR=".19///"\_IBRMARK  . D ^DIE  ; event type pointer for rx billing  S IBRXTYP=$O(^IBE(356.6,"AC",4,0))  ; earliest auto-billing date  S IBEABD=$$EABD^IBTUTL(IBRXTYP,$$FMADD^XLFDT(IBADT,60))  ; space out earliest auto bill date  ;  ; ROI check  N IBSCROI,IBDRUG,IBDEA,IBRXDATA  S IBRXDATA=$$RXZERO^IBRXUTL(DFN,IBRXN)  S IBDRUG=$P(IBRXDATA,U,6)  I $$SENS^IBNCPDR(IBDRUG) D  . N IBINS,IBFLG,IBINSP  . D ALL^IBCNS1(DFN,"IBINS",1,IBADT,1)  . S IBINSP=$O(IBINS("S",1,99),-1) Q:IBINSP=""  . I $$NSDCHK(DFN,$G(IBDRUG)) S IBSCROI=1 Q ;Active Non-Sensitive Diagnosis  . S IBFLG=$$ROI^IBNCPDR4(DFN,$G(IBDRUG),+$G(IBINS(IBINSP,"0")),$G(IBADT))  . I 'IBFLG,$G(IBRMARK)="" S IBRMARK="ROI NOT OBTAINED" ; IB\*2\*550  . I 'IBFLG S IBSCROI=3  . I IBFLG S IBSCROI=2  ;  D REFILL^IBTUTL1(DFN,IBRXTYP,IBADT,IBRXN,IBFIL,$G(IBRMARK),IBEABD,$G(IBSCROI))  Q | | | | | | | | |

This procedure will be modified to check for an Active Non-Sensitive Use entry. If one is found don’t continue to check for the ROI.

| Subroutine Name | **RXCHK^IBTRKR3** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions |  | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
|  | | | $$FILE^IBRXUTL,  $$RXZERO^IBRXUTL,  $$INSURED^IBCNS1,  $$SUBFILE^IBRXUTL,  ZERO^IBRXUTL,  $$PTCOV^IBCNSU3,  RX^PSO52API,  $$IBND^IBRXUTL,  $$ICD^IBRXUTL1,  ELIG^VADPT,  $$AUTOINFO^DGMTCOU1,  $$RXST^IBAUTRET,  $$CVEDT^IBACV,  $$SENS^IBNCPDR,  $$NSDCHK^IBNCDPR4,  $$ROI^IBNCDPR4,  REFILL^IBTUTL1 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| IBTRKR3 ;ALB/AAS - CLAIMS TRACKING - ADD/TRACK RX FILLS ;13-AUG-93  ;;2.0;INTEGRATED BILLING;\*\*13,43,121,160,247,275,260,309,336,312,339,347,405,384,550\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  .  .  RXCHK ; -- check and add rx  N IBND,LIST,NODE  S IBCNT=IBCNT+1  ;I IBFILL<1 G RXCHKQ ; original fill  I IBDT>(DT+.24) G RXCHKQ ; future fill  I '$D(ZTQUEUED),($G(IBTALK)) W "."  ;  S DFN=$$FILE^IBRXUTL(IBRXN,2)  S IBRXDATA=$$RXZERO^IBRXUTL(DFN,IBRXN),IBRXSTAT=$$FILE^IBRXUTL(IBRXN,100,"I")  .  .  .  K ^TMP($J,LIST)  ;  ; ROI check  N IBSCROI  I $$SENS^IBNCPDR(IBDRUG) D  . N IBINS,IBFLG,IBINSP  . D ALL^IBCNS1(DFN,"IBINS",1,IBDT,1)  . S IBINSP=$O(IBINS("S",1,99),-1) Q:IBINSP=""  . S IBFLG=$$ROI^IBNCPDR4(DFN,$G(IBDRUG),+$G(IBINS(IBINSP,"0")),$G(IBDT))  . I 'IBFLG,$G(IBRMARK)="" S IBRMARK="ROI NOT OBTAINED" ; IB\*2\*550  . I 'IBFLG S IBSCROI=3  . I IBFLG S IBSCROI=2  ;  ; -- ok to add to tracking module  D REFILL^IBTUTL1(DFN,IBRXTYP,IBDT,IBRXN,IBFILL,$G(IBRMARK),,$G(IBSCROI)) I '$D(ZTQUEUED),$G(IBTALK) W "+"  ;  I $G(IBRMARK)'="" S IBCNT2=IBCNT2+1  I $G(IBRMARK)="" S IBCNT1=IBCNT1+1  K IBANY,IBRMARK,VAEL,VA,IBDEA,IBDRUG,IBRXSTAT,IBRXDATA,DFN,X,Y  K IBARR,IBM,IBZ,IBP  RXCHKQ Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IBTRKR3 ;ALB/AAS - CLAIMS TRACKING - ADD/TRACK RX FILLS ;13-AUG-93  ;;2.0;INTEGRATED BILLING;\*\*13,43,121,160,247,275,260,309,336,312,339,347,405,384,550,591\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  .  .  RXCHK ; -- check and add rx  N IBND,LIST,NODE  S IBCNT=IBCNT+1  ;I IBFILL<1 G RXCHKQ ; original fill  I IBDT>(DT+.24) G RXCHKQ ; future fill  I '$D(ZTQUEUED),($G(IBTALK)) W "."  ;  S DFN=$$FILE^IBRXUTL(IBRXN,2)  S IBRXDATA=$$RXZERO^IBRXUTL(DFN,IBRXN),IBRXSTAT=$$FILE^IBRXUTL(IBRXN,100,"I")  .  .  .  K ^TMP($J,LIST)  ;  ; ROI check  N IBSCROI  I $$SENS^IBNCPDR(IBDRUG) D  . N IBINS,IBFLG,IBINSP  . D ALL^IBCNS1(DFN,"IBINS",1,IBDT,1)  . S IBINSP=$O(IBINS("S",1,99),-1) Q:IBINSP=""  . ; check for an Active Non-Sensitive Diagnosis  . I $$NSDCHK(DFN,$G(IBDRUG)) S IBSCROI=1 Q  . S IBFLG=$$ROI^IBNCPDR4(DFN,$G(IBDRUG),+$G(IBINS(IBINSP,"0")),$G(IBDT))  . I 'IBFLG,$G(IBRMARK)="" S IBRMARK="ROI NOT OBTAINED" ; IB\*2\*550  . I 'IBFLG S IBSCROI=3  . I IBFLG S IBSCROI=2  ;  ; -- ok to add to tracking module  D REFILL^IBTUTL1(DFN,IBRXTYP,IBDT,IBRXN,IBFILL,$G(IBRMARK),,$G(IBSCROI)) I '$D(ZTQUEUED),$G(IBTALK) W "+"  ;  I $G(IBRMARK)'="" S IBCNT2=IBCNT2+1  I $G(IBRMARK)="" S IBCNT1=IBCNT1+1  K IBANY,IBRMARK,VAEL,VA,IBDEA,IBDRUG,IBRXSTAT,IBRXDATA,DFN,X,Y  K IBARR,IBM,IBZ,IBP  RXCHKQ Q | | | | | | | | |

This procedure will be modified to check for an Active Non-Sensitive Use entry. If one is found don’t continue to check for the ROI.

| Subroutine Name | **RX^IBNCPDP1** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions |  | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| RX^IBNCPDP | | | RXINS^IBNCPDPU, RT^IBNCPDPU, $$PAPERBIL^IBNCPNB, $$PTCOV^IBCNSU3, $$ACDUTY^IBNCPDPU, GETINDIC^IBNCPUT2, CL^SDC021, $$BILLABLE^IBNCPDP, $$SENS^IBNCPDR, $$ROI^IBNCPDR4, ROICLN^IBNCPDR4, $$RXSTATUS^IBNCPRR, $$EVNTITM^IBCRU3, $$ITPTR^IBCRU2, $$NDC^IBNCPNB, $$BICOST^IBCRI, $$RATECHG^IBCRCC, START^IBNCPDP6, LOG^IBNCPDP2, CT^IBNCPDPU | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: DFN  Definition: patient IEN  New  Modify  Delete  No Change  Name: IBD  Definition: Array of billable info  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| IBNCPDP1 ;OAK/ELZ - IB BILLING DETERMINATION PROCESSING FOR NEW RX REQUESTS ;5/22/08  ;;2.0;INTEGRATED BILLING;\*\*223,276,339,363,383,405,384,411,434,437,435,455,452,473,494,534,550\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  .  .  .  RX(DFN,IBD) ; pharmacy package call, passing in IBD by ref  ; this is called by PSO for all prescriptions issued, return is  ; a response to bill ECME or not with array for billing data elements  ;  ;warning: back-billing flag:  ;if passed IBSCRES(IBRXN,IBFIL)=1  ; - then the SC Determination is just done by the IB clerk (billable)  ; - set by routine IBNCPBB  ;  ; IBD("PLAN") - is specified only if RX API is called for billing determination for 2ndary claim.  ;  ;clean up the list of non-answered SC/Env.indicators questions and INS  K IBD("SC/EI NO ANSW"),IBD("INS")  ;  N IBTRKR,IBARR,IBADT,IBRXN,IBFIL,IBTRKRN,IBRMARK,IBANY,IBX,IBT,IBINS,IBSAVE,IBPRDATA,IBDISPFEE,IBADMINFEE  N IBFEE,IBBI,IBIT,IBPRICE,IBRS,IBRT,IBTRN,IBCHG,IBRES,IBNEEDS,IBELIG,IBDEA,IBPTYP,IBACDUTY,IBINSXRES  ;  ; eligibility verification request flag - esg 9/9/10 IB\*2\*435  S IBELIG=($G(IBD("RX ACTION"))="ELIG")  ;  I '$G(DFN) S IBRES="0^No DFN" G RXQ  .  .  .  ; -- check for drug billable  I '$$BILLABLE^IBNCPDP($G(IBD("DRUG")),$P(IBRT,U,3),.IBRMARK,.IBD) S IBRES="0^"\_IBRMARK D CT G RXQ  ;  ; -- check for sensitive diagnosis drug and ROI on file  I $$SENS^IBNCPDR($G(IBD("DRUG")),.IBD),$D(IBD("INS",1,3)) D  . I '$$ROI^IBNCPDR4(DFN,$G(IBD("DRUG")),+$P($G(IBD("INS",1,3)),U,5),IBADT) D Q  .. ;  .. ; no active ROI found for patient/drug/insurance/DOS  .. S IBRMARK="ROI NOT OBTAINED"  .. S IBRES="0^NO ACTIVE/VALID ROI FOR DRUG OR INSURANCE" ; PSO routine PSOREJU3 contains this text  .. Q  . ;  . ; active ROI found, clear out RNB from Claims Tracking and variable IBRMARK  . D ROICLN^IBNCPDR4(IBTRKRN,IBRXN,IBFIL)  . I $G(IBRMARK)["ROI" K IBRMARK  . Q  I $D(IBRMARK) D CT G RXQ  .  .  .  ;  RXQ ; final processing  ; set the 3rd piece of IBRES (default Vet)  S $P(IBRES,U,3)=$S($L($P($G(IBRT),U,3)):$P(IBRT,U,3),1:"V")  ;  ; possibly add entries to files 366.14 and 366.15 (not for eligibility verification requests)  I 'IBELIG D  . I IBRES D START^IBNCPDP6(IBRXN\_";"\_IBFIL,$P(IBRES,U,3),+IBRT)  . D LOG^IBNCPDP2("BILLABLE STATUS CHECK",IBRES)  . Q  ;  Q IBRES | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IBNCPDP1 ;OAK/ELZ - IB BILLING DETERMINATION PROCESSING FOR NEW RX REQUESTS ;5/22/08  ;;2.0;INTEGRATED BILLING;\*\*223,276,339,363,383,405,384,411,434,437,435,455,452,473,494,534,550,591\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  .  .  .  RX(DFN,IBD) ; pharmacy package call, passing in IBD by ref  ; this is called by PSO for all prescriptions issued, return is  ; a response to bill ECME or not with array for billing data elements  ;  ;warning: back-billing flag:  ;if passed IBSCRES(IBRXN,IBFIL)=1  ; - then the SC Determination is just done by the IB clerk (billable)  ; - set by routine IBNCPBB  ;  ; IBD("PLAN") - is specified only if RX API is called for billing determination for 2ndary claim.  ;  ;clean up the list of non-answered SC/Env.indicators questions and INS  K IBD("SC/EI NO ANSW"),IBD("INS")  ;  N IBTRKR,IBARR,IBADT,IBRXN,IBFIL,IBTRKRN,IBRMARK,IBANY,IBX,IBT,IBINS,IBSAVE,IBPRDATA,IBDISPFEE,IBADMINFEE  N IBFEE,IBBI,IBIT,IBPRICE,IBRS,IBRT,IBTRN,IBCHG,IBRES,IBNEEDS,IBELIG,IBDEA,IBPTYP,IBACDUTY,IBINSXRES  ;  ; eligibility verification request flag - esg 9/9/10 IB\*2\*435  S IBELIG=($G(IBD("RX ACTION"))="ELIG")  ;  I '$G(DFN) S IBRES="0^No DFN" G RXQ  .  .  .  ; -- check for drug billable  I '$$BILLABLE^IBNCPDP($G(IBD("DRUG")),$P(IBRT,U,3),.IBRMARK,.IBD) S IBRES="0^"\_IBRMARK D CT G RXQ  ;  ; -- check for sensitive diagnosis drug and ROI on file  I $$SENS^IBNCPDR($G(IBD("DRUG")),.IBD),$D(IBD("INS",1,3)) D  . ; -- check for an Active Non-Sensitive Diagnosis if found Quit otherwise check ROI  *.* I $$NSDCHK^IBNCPDR4(DFN,$G(IBD("DRUG"))) Q  . I '$$ROI^IBNCPDR4(DFN,$G(IBD("DRUG")),+$P($G(IBD("INS",1,3)),U,5),IBADT) D Q  .. ;  .. ; no active ROI found for patient/drug/insurance/DOS  .. S IBRMARK="ROI NOT OBTAINED"  .. S IBRES="0^NO ACTIVE/VALID ROI FOR DRUG OR INSURANCE" ; PSO routine PSOREJU3 contains this text  .. Q  . ;  . ; active ROI found, clear out RNB from Claims Tracking and variable IBRMARK  . D ROICLN^IBNCPDR4(IBTRKRN,IBRXN,IBFIL)  . I $G(IBRMARK)["ROI" K IBRMARK  . Q  I $D(IBRMARK) D CT G RXQ  .  .  .  ;  RXQ ; final processing  ; set the 3rd piece of IBRES (default Vet)  S $P(IBRES,U,3)=$S($L($P($G(IBRT),U,3)):$P(IBRT,U,3),1:"V")  ;  ; possibly add entries to files 366.14 and 366.15 (not for eligibility verification requests)  I 'IBELIG D  . I IBRES D START^IBNCPDP6(IBRXN\_";"\_IBFIL,$P(IBRES,U,3),+IBRT)  . D LOG^IBNCPDP2("BILLABLE STATUS CHECK",IBRES)  . Q  ;  Q IBRES | | | | | | | | |

This procedure will be modified to check for an Active Non-Sensitive Use entry. If one is found don’t continue to check for the ROI.

| Subroutine Name | **CT^IBNCPDPU** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions |  | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| CT^IBNCPDP1,  NONBR^IBNCPNB | | | $$EABD^IBTUTL,  $$FMADD^XLFDT,  $$SENS^IBNCPDR,  ALL^IBCNS1,  $$ROI^IBNCPDR4,  REFILL^IBTUTL1 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: DFN  Definition: Patient IEN  New  Modify  Delete  No Change  Name: IBRXN  Definition: Rx IEN  New  Modify  Delete  No Change  Name: IBFIL  Definition: Fill#  New  Modify  Delete  No Change  Name: IBADT  Definition: Date of Service  New  Modify  Delete  No Change  Name: IBRMARK  Definition: Non-billable Reason (.01 from 356.8)  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| IBNCPDPU ;OAK/ELZ - UTILITIES FOR NCPDP ;Jun 06, 2014@19:13:12  ;;2.0;INTEGRATED BILLING;\*\*223,276,347,383,405,384,437,435,452,511,534,550\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  ;Reference to ECMEACT^PSOBPSU1 supported by IA# 4702  ;Reference to $$EN^BPSNCPDP supported by IA# 4415  ;Reference to $$NABP^BPSBUTL supported by IA# 4719  ;Reference to $$CLMECME^BPSUTIL2 supported by IA# 6028  ;Reference to $$VALECME^BPSUTIL2 supported by IA# 6139  ;Reference to $$RXRLDT^PSOBPSUT supported by IA# 4701  ;  ;  CT(DFN,IBRXN,IBFIL,IBADT,IBRMARK) ; files in claims tracking  ; Input:  ; DFN - Patient IEN  ; IBRXN - Rx IEN  ; IBFIL - Fill#  ; IBADT - Date of Service  ; IBRMARK - Non-billable Reason (.01 from 356.8)  ;  N DIE,DR,DA,IBRXTYP,IBEABD  ; Check that the Date of Service is current  I IBTRKRN,$G(IBADT),($G(IBADT)'=$P(^IBT(356,IBTRKRN,0),U,6)) D  . S DIE="^IBT(356,",DA=IBTRKRN,DR=".06////"\_IBADT D ^DIE  I IBTRKRN D:$D(IBRMARK) Q  . S DIE="^IBT(356,",DA=IBTRKRN,DR=".19///"\_IBRMARK  . D ^DIE  ; event type pointer for rx billing  S IBRXTYP=$O(^IBE(356.6,"AC",4,0))  ; earliest auto-billing date  S IBEABD=$$EABD^IBTUTL(IBRXTYP,$$FMADD^XLFDT(IBADT,60))  ; space out earliest auto bill date  ;  ; ROI check  N IBSCROI,IBDRUG,IBDEA,IBRXDATA  S IBRXDATA=$$RXZERO^IBRXUTL(DFN,IBRXN)  S IBDRUG=$P(IBRXDATA,U,6)  I $$SENS^IBNCPDR(IBDRUG) D  . N IBINS,IBFLG,IBINSP  . D ALL^IBCNS1(DFN,"IBINS",1,IBADT,1)  . S IBINSP=$O(IBINS("S",1,99),-1) Q:IBINSP=""  . S IBFLG=$$ROI^IBNCPDR4(DFN,$G(IBDRUG),+$G(IBINS(IBINSP,"0")),$G(IBADT))  . I 'IBFLG,$G(IBRMARK)="" S IBRMARK="ROI NOT OBTAINED" ; IB\*2\*550  . I 'IBFLG S IBSCROI=3  . I IBFLG S IBSCROI=2  ;  D REFILL^IBTUTL1(DFN,IBRXTYP,IBADT,IBRXN,IBFIL,$G(IBRMARK),IBEABD,$G(IBSCROI))  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IBNCPDPU ;OAK/ELZ - UTILITIES FOR NCPDP ;Jun 06, 2014@19:13:12  ;;2.0;INTEGRATED BILLING;\*\*223,276,347,383,405,384,437,435,452,511,534,550,591\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  ;Reference to ECMEACT^PSOBPSU1 supported by IA# 4702  ;Reference to $$EN^BPSNCPDP supported by IA# 4415  ;Reference to $$NABP^BPSBUTL supported by IA# 4719  ;Reference to $$CLMECME^BPSUTIL2 supported by IA# 6028  ;Reference to $$VALECME^BPSUTIL2 supported by IA# 6139  ;Reference to $$RXRLDT^PSOBPSUT supported by IA# 4701  ;  ;  CT(DFN,IBRXN,IBFIL,IBADT,IBRMARK) ; files in claims tracking  ; Input:  ; DFN - Patient IEN  ; IBRXN - Rx IEN  ; IBFIL - Fill#  ; IBADT - Date of Service  ; IBRMARK - Non-billable Reason (.01 from 356.8)  ;  N DIE,DR,DA,IBRXTYP,IBEABD  ; Check that the Date of Service is current  I IBTRKRN,$G(IBADT),($G(IBADT)'=$P(^IBT(356,IBTRKRN,0),U,6)) D  . S DIE="^IBT(356,",DA=IBTRKRN,DR=".06////"\_IBADT D ^DIE  I IBTRKRN D:$D(IBRMARK) Q  . S DIE="^IBT(356,",DA=IBTRKRN,DR=".19///"\_IBRMARK  . D ^DIE  ; event type pointer for rx billing  S IBRXTYP=$O(^IBE(356.6,"AC",4,0))  ; earliest auto-billing date  S IBEABD=$$EABD^IBTUTL(IBRXTYP,$$FMADD^XLFDT(IBADT,60))  ; space out earliest auto bill date  ;  ; ROI check  N IBSCROI,IBDRUG,IBDEA,IBRXDATA  S IBRXDATA=$$RXZERO^IBRXUTL(DFN,IBRXN)  S IBDRUG=$P(IBRXDATA,U,6)  I $$SENS^IBNCPDR(IBDRUG) D  . N IBINS,IBFLG,IBINSP  . D ALL^IBCNS1(DFN,"IBINS",1,IBADT,1)  . S IBINSP=$O(IBINS("S",1,99),-1) Q:IBINSP=""  . ; check for an Active Non-Sens Diag (NSD), if not found check ROI  . I $$NSDCHK^IBNCPDR4(DFN,IBDRUG) Q  . S IBFLG=$$ROI^IBNCPDR4(DFN,$G(IBDRUG),+$G(IBINS(IBINSP,"0")),$G(IBADT))  . I 'IBFLG,$G(IBRMARK)="" S IBRMARK="ROI NOT OBTAINED" ; IB\*2\*550  . I 'IBFLG S IBSCROI=3  . I IBFLG S IBSCROI=2  ;  D REFILL^IBTUTL1(DFN,IBRXTYP,IBADT,IBRXN,IBFIL,$G(IBRMARK),IBEABD,$G(IBSCROI))  Q | | | | | | | | |

A new report Non-Sensitive Diagnosis for Sensitive Drug Report will be added to the IBCNR E-PHARMACY MENU. Two new routines were created in order to get the data and write the data to a report or an excel file. The tables below show the two new routines.

| Routine Name | **IBNCPDRC** | | | | |
| --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | Delete | No Change |
| Story | US1401 | | | | |
| Related Menu Options or ListMan Actions | IBCNR E-PHARMACY MENU | | | | |
| Related Routines | This Subroutine is Called By | | This Subroutine Calls | | |
| IBCNR NON-SEN DX FOR SEN DRUG | | ^DIR,  EN^XUTMDEVQ,  REPORT^IBNCPDRD  %ZISC,  $$GET1^DIQ | | |
| Data Dictionary (DD) References | 356.25 – CLAIMS TRACKING ROI | | | | |
| Related Protocols | n/a | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | |
| Input Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | |
| Output Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | |
| Current Logic | | | | | |
| **N/A - new routine for a new report** | | | | | |
| Modified Logic (Changes are highlighted) | | | | | |
| IBNCPDRC ;AITC/CKB - NS DIAG FOR SEN DRUG REPORT ;06/16/2017  ;;2.0;INTEGRATED BILLING;\*\*591\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  Q  ;  EN ;  N AIB,DEV,DATESEL,IBEXCEL  W @IOF,!,”Non-Sensitive Diagnosis for Sensitive Drug Report",!!  S DATESEL=$$DATE() ; Date selection, (return format "beginning auth date^ending auth date")  I DATESEL="^" W @IOF Q  S AIB=$$SELAIB() ;"Active", "Inactive" or "Both" selection.  I AIB="^" W @IOF Q  S IBEXCEL=$$EXCEL() ;Microsoft EXCEL prompt selection.  I IBEXCEL="^" W @IOF Q  S DEV=$$DEVICE()  W @IOF  Q  ;  ; Validate user inputs.  DATE() ; Beginning authorization date and ending authorization date selection prompts.  N DIR,DIROUT,DIRUT,DTOUT,DUOUT,VAL,X,Y  S VAL="",DIR(0)="DA^::EX",DIR("A")="Beginning Authorization Date: ",DIR("B")="T-180"  W ! D ^DIR  K DIR  I $D(DIRUT) Q "^" ; Abort  S $P(VAL,U)=Y  S DIR(0)="DA^"\_VAL\_"::EX",DIR("A")="Ending Authorization Date: ",DIR("B")="T+60"  D ^DIR  K DIR  I $D(DIRUT) Q "^" ; Abort  S $P(VAL,U,2)=Y  Q VAL  ;  SELAIB() ; (A)ctive, (I)nactive or (B)oth selection prompt.  N DIR,DIROUT,DIRUT,DTOUT,DUOUT,X,Y  S DIR(0)="S^A:Active;I:Inactive;B:Both"  S DIR("A")="Display (A)ctive or (I)nactive or (B)oth ROI Status",DIR("B")="Both"  D ^DIR  K DIR  I $D(DIRUT) Q "^" ; Abort  Q Y  ;  EXCEL() ; Export the report to MS Excel?  ; Function return values:  ; 0 - User selected "No" at prompt.  ; 1 - User selected "Yes" at prompt.  ; ^ - User aborted.  ; This function allows the user to indicate whether the report should be  ; printed in a format that could easily be imported into an Excel  ; spreadsheet. If the user wants to print in EXCEL format, the variable  ; IBEXCEL will be set to '1', otherwise IBEXCEL will be set to '0' for "No"  ; or "^" to abort.  ;  N DIR,DIRUT,Y  S DIR(0)="Y"  S DIR("A")="Export the report to Microsoft Excel (Y/N)"  I $G(IBEXCEL)=1 S DIR("B")="YES"  E S DIR("B")="NO"  S DIR("?",1)="If you want to capture the output from this report in a format that"  S DIR("?",2)="could easily be imported into an Excel spreadsheet, then answer YES here."  S DIR("?")="If you want a normal report output, then answer NO here."  W !  D ^DIR  K DIR  I $D(DIRUT) Q "^" ; Abort  Q +Y  ;  DEVICE() ; Device selection.  N DIR,DIROUT,DIRUT,DTOUT,DUOUT,RET,RPTNAME,X,Y,ZTDESC,ZTRTN,ZTSAVE,ZTSK  S RET=1  S RPTNAME="Non-Sensitive Diagnosis for Sensitive Drug Report"  I 'IBEXCEL D  . W !!,"WARNING - THIS REPORT REQUIRES THAT A DEVICE WITH 132 COLUMN WIDTH BE USED."  . W !,"IT WILL NOT DISPLAY CORRECTLY USING 80 COLUMN WIDTH DEVICES",!  I IBEXCEL D  . W !!?5,"Before continuing, please set up your terminal to capture the"  . W !?5,"detail report data and save the detail report data in a text file"  . W !?5,"to a local drive. This report may take a while to run."  . W !!?5,"Note: To avoid undesired wrapping of the data saved to the file,"  . W !?11,"please enter '0;256;99999' at the 'DEVICE:' prompt.",!  . Q  S ZTRTN="COMPILE^IBNCPDRC(RPTNAME,DATESEL,AIB,IBEXCEL)"  S ZTDESC="IB REPORT: "\_RPTNAME  S ZTSAVE("RPTNAME")=""  S ZTSAVE("DATESEL")=""  S ZTSAVE("AIB")=""  S ZTSAVE("IBEXCEL")=""  D EN^XUTMDEVQ(ZTRTN,ZTDESC,.ZTSAVE,"QM",1)  I POP S RET=0  I $G(ZTSK) W !!,"Report compilation has started with task# ",ZTSK,".",! S DIR(0)="E" D ^DIR K DIR  Q RET  ;  COMPILE(RPTNAME,DATESEL,AIB,IBEXCEL) ; Compile the report.  ; RPTNAME = Report Name  ; DATESEL = The earliest and latest authorization dates (format: earliest^latest).  ; AIB = Active, Inactive or Both.  ; IBEXCEL = 1 if user requested to display in EXCEL format; 0 otherwise.  K ^TMP("IBNCPDRC",$J)  I '$D(ZTQUEUED),'IBEXCEL U 0 W !,"Compiling Non-Sensitive Diagnosis for Sensitive Drug Report. Please wait..." U IO  ; Collect the data  D GETDATA(DATESEL,AIB)  ; Display the report  D REPORT^IBNCPDRD(RPTNAME,DATESEL,AIB,IBEXCEL)  D ^%ZISC  K ^TMP("IBNCPDRC",$J)  I $D(ZTQUEUED) S ZTREQ="@"  Q  ;  GETDATA(DATES,AIB) ; Get the data from ^IBT(356.25)  ; DATES = The earliest and latest authorization dates (format: earliest^latest).  ; AIB = Active, Inactive or Both  ;  N ACTIVE,AD,AUTHDATE,CNT,CSCONSULT,DATE1,DATE2,IEN,DFN,DOD,DRUG,DRUGNAME,DTADDED  N ENTERBY,PATNAME,PATSN, NSDIAG,STATUS  ;  S DATE1=$P(DATES,U),DATE2=$P(DATES,U,2),CNT=0  ; AD – is the Authorized Date  S AD=DATE1-1 F S AD=$O(^IBT(356.25,”AD”,AD)) Q:('AD)!(AD>DATE2) D  . S IEN=0 F S IEN=$O(^IBT(356.25,”AD”,AD,IEN)) Q:’IEN D  .. S (DRUGNAME,ENTERDBY,PATNAME)=""  .. S CNT=CNT+1  .. I CNT#1000=0,'$D(ZTQUEUED) U 0 W "." U IO ; Write another dot after "Please wait..."  .. S DFN=$$GET1^DIQ(356.25,IEN,.02,”I”) ; patient ien to ^DPT file  .. S DOD=$$GET1^DIQ(2,DFN,.351,”I”) ; date of death  .. S PATNAME=$$GET1^DIQ(2,DFN,.01,”E”)  .. I PATNAME="" Q  .. D PID^VADPT  .. S PATSN=$G(VA(“BID”))  .. S PATNAME=$E(PATNAME,1,17)\_”(“\_PATSN\_”)”  .. S AUTHDATE=AD ; authorization date of non-sensitive use  .. S ACTIVE=$$GET1^DIZ(356.25,IEN,3.07,”I”) ; active non-sensitive use? (0=no; 1=yes)  .. I AIB="I",ACTIVE Q  .. I AIB="A",'ACTIVE Q  .. S STATUS=$S(ACTIVE:"A",1:"I")  .. S DTADDED=$$GET1^DIQ(356.25,IEN,4.01,”I”) ; date added to non-sensitive use file  .. S ENTERBY=$$GET1^DIQ(356.25,IEN,4.02,”I”) ; user who added the non-sensitive use entry  .. I ENTERBY="" S ENTERBY="UNKNOWN"  .. S DRUG=$$GET1^DIQ(356.25,IEN,.03,”I”) ; drug ien to ^PSDRUG file  .. I DRUG'="" S DRUGNAME=$$DRUG^IBNCPDRA(DRUG)  .. I DRUGNAME="" S DRUGNAME="NO DRUG NAME"  .. S CSCONSULT=$$GET1^DIQ(356.25,IEN,3.02,”I”) ; clinical staff consult/authorizer of non-sensitive use  .. S NSDIAG=$$GET1^DIQ(356.25,IEN,3.03,”I”) ; non-sensitive diagnosis  .. I NSDIAG=”” Q ; only sensitive drugs with a non-sensitive diagnosis  .. S ^TMP("IBNCPDRC",$J,AUTHDATE,PATNAME,IEN,1)=DOD\_U\_STATUS\_U\_DTADDED\_U\_ENTERBY\_U\_DRUG\_U\_NAME\_U  \_CSCONSULT\_U\_NSDIAG  .. Q  . Q  Q  ; | | | | | |

| Routine Name | **IBNCPDRD** | | | | |
| --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | Delete | No Change |
| Story | US1401 | | | | |
| Related Menu Options or ListMan Actions | IBCNR E-PHARMACY MENU | | | | |
| Related Routines | This Subroutine is Called By | | This Subroutine Calls | | |
| COMPILE^IBNCPDRC | | $$FMTE^XLFDT,  $$NOW^XLFDT | | |
| Data Dictionary (DD) References | 356.25 – CLAIMS TRACKING ROI | | | | |
| Related Protocols | n/a | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | |
| Input Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | |
| Output Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | |
| Current Logic | | | | | |
| **N/A - new routine for a new report** | | | | | |
| Modified Logic (Changes are highlighted) | | | | | |
| IBNCPDRD ;AITC/CKB – NS DIAG FOR SEN DRUG REPORT ;06/16/2017  ;;2.0;INTEGRATED BILLING;\*\*591\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;  Q REPORT(RPTNAME,DATESEL,AIB,IBEXCEL) ;  ; RPTNAME = Report name  ; DATESEL = Earliest and Latest authorization dates selected by user (format: earliest^latest)  ; AIB = "A" - User chose to display Active statuses only  ; "I" - User chose to display on Inactive statuses only  ; "B" - User chose to display Active and Inactive statuses  ; IBEXCEL = 1 if the user requested to print in EXCEL format; 0 otherwise  ;  N IBDATE1,IBDATE2,IBEXHDR,IBPAGE,CRT  S RPTNAME=$G(RPTNAME),DATESEL=$G(DATESEL)  S IBDATE1=$$FMTE^XLFDT($P(DATESEL,U),"5DZ") ; Earliest authorization date selected.  S IBDATE2=$$FMTE^XLFDT($P(DATESEL,U,2),"5DZ") ; Latest authorization date selected.  S CRT=$S(IOST["C-":1,1:0) ; Screen variable.  I IBEXCEL D EXCELHDR  I 'IBEXCEL D HEADER  D GETTMP  Q  ; EXCELHDR ;  ; Print headers in EXCEL format.  S IBEXHDR="Patient Name^Date of Death^Authorization Date^Status^Date Added^Entered By"   S IBEXHDR=IBEXHDR\_"^Drug Name^Clinical Staff Consulted^Non-Sensitive Diagnosis "  W !,IBEXHDR  Q  ; HEADER ;  N DASH,NOW  S DASH=""  W @IOF  S IBPAGE=$G(IBPAGE)+1  S $P(DASH,"-",133)=""  W !,RPTNAME,?119,"Page: ",?126,IBPAGE  S NOW=$$NOW^XLFDT(),NOW=$$FMTE^XLFDT(NOW,1)  W !,"Date Range: "\_IBEDATE\_" - "\_IBLDATE,?101,"Run Date: "\_NOW  W !,"Status: ",$S(AIB="A":"Active ROIs",AIB="I":"Inactive ROIs",1:"All")  W !,DASH  W !,?24,"Date of",?34,"Auth.",?50,"Date"  W !,"Patient Name",?24,"Death",?34,"Date",?45,"St",?50,"Added",?61,"Entered By",?80,"Drug Name"   W !,?3,"Clinical Staff Consulted",?37,"Non-Sensitive Diagnosis"  W !,DASH  Q  ; GETTMP ;  ; Get the data from the scratch global  ;  N AUTHDATE,CSCONSULT,DATA,DOD,DRUGNAME,DTADDED,ENTERBY,IBQ,INSNAME,PATNAME  N STATUS,AUTHDT,PATNAME,IEN  S IBQ=0  I '$D(^TMP("IBNCPDRC",$J)) D  Q  . I 'IBEXCEL W !!,?51,"\*\*\*\*\* NO DATA TO REPORT \*\*\*\*\*",! S:CRT&'$D(ZTQUEUED) IBQ=$$PAUSE() Q  . W !,"\*\*\*\*\* NO DATA TO REPORT \*\*\*\*\*",! S IBQ=$$PAUSE()  . Q  ;  S AUTHDT="" F  S AUTHDT=$O(^TMP("IBNCPDRC",$J,AUTHDT)) Q:AUTHDT=""!($G(IBQ)) D  . S PATNAME="" F  S PATNAME=$O(^TMP("IBNCPDRC",$J,AUTHDT,PATNAME)) Q:PATNAME=""!($G(IBQ)) D  .. S IEN="" F  S IEN=$O(^TMP("IBNCPDRC",$J,AUTHDT,PATNAME,IEN)) Q:IEN=""!($G(IBQ)) D  ... S DATA(1)=^TMP("IBNCPDRC",$J,AUTHDT,PATNAME,IEN,1))   ... S PATNAME=PATNAME                           ; patient name   ... S DOD=$$FMTE^XLFDT($P(DATA(1),U),"5DZ") ; date of death  ... S AUTHDATE=$$FMTE^XLFDT(AUTHDT,"5DZ") ; non-sensitive use authorization date  ... S STATUS=$P(DATA(1),U,2) ; "A" for Active; "I" for Inactive  ... S DTADDED=$$FMTE^XLFDT($P(DATA(1),U,3),"5DZ") ; date non-sensitive use entry was added  ... S ENTERBY=$P(DATA(1),U,4) ; user who added the non-sensitive use entry  ... S INSNAME=$P(DATA(1),U,5) ; insurance name  ... S DRUGNAME=$P(DATA(1),U,6) ; drug name  ... S CSCONSULT=$P(DATA(1),U,7) ; clin staff consult/authorizer   ... S DRUGNAME=$P(DATA(1),U,8) ; non-sensitive use diagnosis  ... ; write the report  ... I IBEXCEL D EXCELN(PATNAME,DOD,AUTHDATE,STATUS,DTADDED,ENTERBY,DRUGNAME,CSCONSULT,  NSDIAG) Q  ... D WRTDATA(PATNAME,DOD,AUTHDATE,STATUS,DTADDED,ENTERBY,DRUGNAME,CSCONSULT,NSDIAG)  ... Q  I $G(IBQ) Q  I 'IBEXCEL W !!,"\*\*\* END OF REPORT \*\*\*",!  I CRT,'$D(ZTQUEUED) S IBQ=$$PAUSE() ; Write the pause statement to screen only.  Q  ;  EXCELN(PATNAME,DOD,AUTHDATE,STATUS,DTADDED,ENTERBY,DRUGNAME,CSCONSULT,NSDIAG) ;  ; Display Non-Sensitive Diagnosis data in EXCEL format  S STATUS=$S(STATUS="A":"Active",1:"Inactive")  W !,PATNAME,"^",DOD,"^",AUTHDATE,"^",STATUS,"^",DTADDED,"^",ENTERBY,"^",DRUGNAME,"^",CSCONSULT,"^",NSDIAG  Q  ; WRTDATA(PATNAME,DOD,AUTHDATE,STATUS,DTADDED,ENTERBY,DRUGNAME,CSCONSULT,NSDIAG) ;  ; Display the Patient data to screen or to ListMan Queued report depending on user request.  W !,PATNAME,?24,DOD,?34,AUTHDATE,?45,STATUS,?50,DTADDED,?61,$E(ENTERBY,1,16),?80,$E(DRUGNAME,1,29)  W !,?4,$E(CSCONSULT,1,30),?37,NSDIAG  I $Y>(IOSL-4) D  . ;Write the pause statement to screen only. Quit if User chooses to exit report with “^”  . I CRT,'$D(ZTQUEUED) W ! S IBQ=$$PAUSE() I $G(IBQ) Q   . D HEADER  Q  ; PAUSE() ;  ; Press RETURN to continue or '^' to exit.  N DIR,DIROUT,DIRUT,DTOUT,DUOUT,QUIT,X,Y  S QUIT=0  I IBEXCEL W !  S DIR(0)="E" D ^DIR K DIR  I $D(DIRUT) S QUIT=1  Q QUIT | | | | | |

This new report will be added to the OPTION file #19. The following table describes how it is being added.

|  |  |
| --- | --- |
| **Field** | **Value** |
| **#.01 - NAME** | IBCNR NON-SEN DX FOR SEN DRUG |
| **#1 - MENU TEXT** | Non-Sensitive Diagnosis for Sensitive Drug Report |
| **#4 - TYPE** | Run Routine |
| **#12 - PACKAGE** | INTEGRATED BILLING |
| **#3.5 - DESCRIPTION** | This report will allow users to see the non-sensitive diagnosis for a sensitive drug. The database for this report is file #356.25 – CLAIMS TRACKING ROI. |
| **#25 - ROUTINE** | EN^IBNCPDRC |
| **#1.1 - UPPERCASE MENU TEXT (auto-populated)** | NON-SENSITIVE DIAGNOSIS FOR SE |

A new entry will need to added to the IBCNR E-PHARMACY MENU under the MENU multiple in the OPTION file #19 for the new report.

|  |  |
| --- | --- |
| **Field** | **Value** |
| **#.01 – ITEM** | IBCNR NON-SEN DX FOR SEN DRUG |
| **#2 – SYNONYM** | NSD |

Each option being added or modified will need to be added to the build. In addition, because this design calls for a change to an existing menu, each existing option on that menu will need to be added to the build.

|  |  |
| --- | --- |
| **Option Name** | **Delivery Option** |
| IBCNR RELEASE OF INFORMATION | SEND TO SITE |
| IBCNR ROI SENSITIVE DRUG MGMT | SEND TO SITE |
| IBCNR NON-SEN DX FOR SEN DRUG | SEND TO SITE |
| IBCNR E-PHARMACY MENU | SEND TO SITE |
| IBCNR EDIT PLAN | ATTACH TO MENU |
| IBCNR GROUP PLAN MATCH | ATTACH TO MENU |
| IBCNR GROUP PLAN WORKSHEET | ATTACH TO MENU |
| IBCNR PHARMACY PLAN REPORT | ATTACH TO MENU |
| IBCNR PLAN MATCH | ATTACH TO MENU |
| IBCNR TEST PAYER SHEET MATCH | ATTACH TO MENU |
| IB ECME BILLING EVENTS | ATTACH TO MENU |
| IBCNR PLAN STATUS INQUIRY | ATTACH TO MENU |
| IBCNR PLAN STATUS REPORT | ATTACH TO MENU |
| IBCNR RELEASE OF INFORMATION | ATTACH TO MENU |
| IBCNR ELIGIBILITY INQUIRY | ATTACH TO MENU |
| IBCNR ROI EXPIRATION REPORT | ATTACH TO MENU |

Making a change to the OPTION file #19 requires a new ICR. The table below describes the new ICR.

|  |  |
| --- | --- |
| Integration Control Registration # | **TBD** |
| Name | CHANGE NAME OF OPTION IBCNR RELEASE OF INFORMATION TO IBCNR ROI SENSITIVE DRUG MGMT |
| Enhancement Category | New  Modify  Expand |
| Custodial Package | KERNEL |
| Subscribing Package(s) | Integrated Billing |
| Usage | Private |
| Type | File |
| File | 19 |
| Root | DIC(19 |
| Duration | Till Otherwise Agreed |
| Input Variables | Name: n/a  Description: |
| Output Variables | Name: n/a  Description: |
| Description | eBusiness product owners wish to change the name of the existing menu option IBCNR RELEASE OF INFORMATION to IBCNR ROI SENSITIVE DRUG MGMT as part of patch IB\*2.0\*591. Permission is required to Accomplish this name change using a pre- or post-install routine. |
| Keywords | OPTION |

The Release of Information Expiration Report should only display ROI entries, not Non-Sensitive Diagnosis for Sensitive Drug entries. This change will be made in IBNCPDRA; these changes are described in the table below.

| Subroutine Name | **GETDATA^IBNCPDRA** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US1401 | | | | | | | |
| Related Menu Options or ListMan Actions | IBCNR ROI EXPIRATION REPORT | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| COMPILE^IBNCPDRA | | | n/a | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: DATES  Definition: The earliest and latest expiration dates (format: earliest^latest)  New  Modify  Delete  No Change  Name: AIB  Definition: Active, Inactive or Both  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| IBNCPDRA ;ALB/CFS - ROI EXPIRATION REPORT ;21-SEP-15  ;;2.0;INTEGRATED BILLING;\*\*550\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;; External reference to ^PSS50 supported by DBIA #4533  ;  .  .  GETDATA(DATES,AIB) ; Get the data from ^IBT(356.25)  ; DATES = The earliest and latest expiration dates (format: earliest^latest).  ; AIB = Active, Inactive or Both  N ACTIVE,ADDED,CNT,DATE1,DATE2,D0,DOD,DPTIEN,DRUG,DRUGNAME,EFFDATE,ENTERDBY  N EXPDATE,INS,INSNAME,PATNAME,NODE0,NODE1,STATUS,USERIEN  S DATE1=$P(DATES,U),DATE2=$P(DATES,U,2)  S CNT=0  S D0=0 F S D0=$O(^IBT(356.25,D0)) Q:'D0 D  . S (DRUGNAME,ENTERDBY,INSNAME,PATNAME)=""  . S CNT=CNT+1  . I CNT#1000=0,'$D(ZTQUEUED) U 0 W "." U IO ; Write another dot after "Please wait..."  . S NODE0=$G(^IBT(356.25,D0,0)),NODE1=$G(^IBT(356.25,D0,1))  . S DPTIEN=$P(NODE0,U,2) ; patient ien to ^DPT file  . S DRUG=$P(NODE0,U,3) ; drug ien to ^PSDRUG file  . S INS=$P(NODE0,U,4) ; insurance ien to ^DIC(36  . S EFFDATE=$P(NODE0,U,5) ; effective date of ROI  . S EXPDATE=$P(NODE0,U,6) ; expiration date of ROI  . S ACTIVE=$P(NODE0,U,7) ; active? (0=no; 1=yes)  . S ADDED=$P(NODE1,U) ; date added to ROI Claims Tracking file  . S USERIEN=$P(NODE1,U,2) ; user who added the ROI entry  . I EXPDATE="" Q  . I EXPDATE<DATE1!(EXPDATE>DATE2) Q  . I AIB="I",ACTIVE Q  . I AIB="A",'ACTIVE Q  . I DPTIEN'="" S PATNAME=$P($G(^DPT(DPTIEN,0)),U)  . I PATNAME="" Q  . S DOD=$P($G(^DPT(DPTIEN,.35)),U) ; date of death  . S STATUS=$S(ACTIVE:"A",1:"I")  . I USERIEN'="" S ENTERDBY=$P($G(^VA(200,USERIEN,0)),U)  . I ENTERDBY="" S ENTERDBY="UNKNOWN"  . I DRUG'="" S DRUGNAME=$$DRUG(DRUG)  . I DRUGNAME="" S DRUGNAME="NO DRUG NAME"  . I INS'="" S INSNAME=$P($G(^DIC(36,INS,0)),U)  . I INSNAME="" S INSNAME="NO INSURANCE NAME"  . S ^TMP("IBNCPDRA",$J,EXPDATE,PATNAME,D0)=DOD\_U\_EFFDATE\_U\_STATUS\_U\_ADDED\_U\_ENTERDBY\_U\_INSNAME\_U  \_DRUGNAME  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IBNCPDRA ;ALB/CFS - ROI EXPIRATION REPORT ;21-SEP-15  ;;2.0;INTEGRATED BILLING;\*\*550,591\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  ;; External reference to ^PSS50 supported by DBIA #4533  ;  .  .  GETDATA(DATES,AIB) ; Get the data from ^IBT(356.25)  ; DATES = The earliest and latest expiration dates (format: earliest^latest).  ; AIB = Active, Inactive or Both  N ACTIVE,ADDED,CNT,DATE1,DATE2,D0,DOD,DPTIEN,DRUG,DRUGNAME,EFFDATE,ENTERDBY  N EXPDATE,INS,INSNAME,PATNAME,NODE0,NODE1,NODE3,STATUS,USERIEN  S DATE1=$P(DATES,U),DATE2=$P(DATES,U,2)  S CNT=0  S D0=0 F S D0=$O(^IBT(356.25,D0)) Q:'D0 D  . S (DRUGNAME,ENTERDBY,INSNAME,PATNAME)=""  . S CNT=CNT+1  . I CNT#1000=0,'$D(ZTQUEUED) U 0 W "." U IO ; Write another dot after "Please wait..."  . S NODE0=$G(^IBT(356.25,D0,0)),NODE1=$G(^IBT(356.25,D0,1))  . ; only display ROI entries, not Non-Sensitive Diagnosis for Sensitive Drug entries  . S NODE3=$G(^IBT(356.25,D0,3))  . ; checks for a Non-Sens Diag and if it’s Active Quit  . I $P(NODE3,U,3)’=”” I $P(NODE3,U,7)=1 Q  . S DPTIEN=$P(NODE0,U,2) ; patient ien to ^DPT file  . S DRUG=$P(NODE0,U,3) ; drug ien to ^PSDRUG file  . S INS=$P(NODE0,U,4) ; insurance ien to ^DIC(36  . S EFFDATE=$P(NODE0,U,5) ; effective date of ROI  . S EXPDATE=$P(NODE0,U,6) ; expiration date of ROI  . S ACTIVE=$P(NODE0,U,7) ; active? (0=no; 1=yes)  . S ADDED=$P(NODE1,U) ; date added to ROI Claims Tracking file  . S USERIEN=$P(NODE1,U,2) ; user who added the ROI entry  . I EXPDATE="" Q  . I EXPDATE<DATE1!(EXPDATE>DATE2) Q  . I AIB="I",ACTIVE Q  . I AIB="A",'ACTIVE Q  . I DPTIEN'="" S PATNAME=$P($G(^DPT(DPTIEN,0)),U)  . I PATNAME="" Q  . S DOD=$P($G(^DPT(DPTIEN,.35)),U) ; date of death  . S STATUS=$S(ACTIVE:"A",1:"I")  . I USERIEN'="" S ENTERDBY=$P($G(^VA(200,USERIEN,0)),U)  . I ENTERDBY="" S ENTERDBY="UNKNOWN"  . I DRUG'="" S DRUGNAME=$$DRUG(DRUG)  . I DRUGNAME="" S DRUGNAME="NO DRUG NAME"  . I INS'="" S INSNAME=$P($G(^DIC(36,INS,0)),U)  . I INSNAME="" S INSNAME="NO INSURANCE NAME"  . S ^TMP("IBNCPDRA",$J,EXPDATE,PATNAME,D0)=DOD\_U\_EFFDATE\_U\_STATUS\_U\_ADDED\_U\_ENTERDBY\_U\_INSNAME\_U  \_DRUGNAME  Q | | | | | | | | |

# Back Out/Rollback Procedure

This story includes modifications to existing routines and files.

To back out this enhancement, all the routines which are a part of this patch should be backed up prior to installation. Reverting to the previous version of these routines would back out this enhancement. Alternatively, the previous version of these routines could be distributed via an emergency patch.

Rolling back the changes to the database would involve the following steps, which could be performed by a developer or IRM at each site or via an emergency patch:

* File: CLAIMS TRACKING ROI (#356.25)
  + Delete fields 3.01, 3.02, 3.03, 3.07, 4.01, 4.02, 4.03, 4.04, 4.05, 5.01
  + Delete “AD” and “AE” Cross-Reference
* List Template: IBNCR PATIENT RELEASE OF INFO
  + Modify field #.11-SCREEN TITLE from Sensitive Drug Management to Patient ROI Management
  + Modify field #.05-TOP MARGIN from 6 to 5
* List Template: IBNCR EXPANDED ROI
  + Modify field #.11-SCREEN TITLE from Sensitive Drug Management to Patient ROI Management
* Option: IBCNR RELEASE OF INFORMATION
  + Modify field #.01-NAME from IBCNR ROI SENSITIVE DRUG MGMT to IBCNR RELEASE OF INFORMATION
  + Modify field #1-MENU from Patient ROI & Sensitive Drug Management to Patient Release of Information (ROI)
  + Modify field #1.1-UPPERCASE MENU from PATIENT ROI & SENSITIVE DRUG MGMT to PATIENT RELEASE OF INFORMATION
* Option IBCNR ROI SENSITIVE DRUG MGMT
  + Modify Option name from IBCNR ROI SENSITIVE DRUG MGMT to its original value IBCNR RELEASE OF INFORMATION
* Option: IBCNR NON-SEN DX FOR SEN DRUG
  + Delete this new menu option
* Option: IBCNR E-PHARMACY MENU under the MENU multiple
  + Delete field #.01-ITEM with the value of IBCNR NON-SEN DX FOR SEN DRUG
  + Delete field #2-SYNONYM with the value NSD
* Protocol: IBNCR PATIENT ROI
  + Modify field #26-HEADER from D SHOW^VALM,HDR^IBNCPDR to D SHOW^VALM
* Protocol: IBNCR ADD ROI
  + Modify field #1-ITEM TEXT from Add ROI/Sensitive Drug to Add ROI
* Protocol: IBNCR VIEWEDIT ROI
  + Modify field #1-ITEM TEXT from View/Edit ROI /Sensitive Drug to ROI View/Edit
* Protocol: IBNCR EDIT ROI INFO
  + Modify field #1-ITEM TEXT from Edit ROI /Sensitive Drug to Edit ROI