**MCCF EDI TAS US598**

System Design Document



Department of Veterans Affairs

**September 2017**

Version 1.0

**User Story Number:** USRX-30

**User Story Name:** Improve Efficiencies with overall ePharmacy process – Patient Billing Note

**Product Backlog ID:** 194

**Backlog Priority:** 16

**Initial Sizing Estimate:**

**Rational ID:** 828293

**Rally ID:** US598

**Epic Taxonomy:** Update

# Design – Summary

Provide the ability for the user to enter, and store, Patient Billing comments. A new menu option, PSO EPHARMACY PATIENT COMMENTS, will be created which will allow:

* Adding new Patient Billing comments
* Activating/inactivating Patient Billing comments
* Viewing the history of all Patient Billing comments associated with the specific patient

The PSO EPHARMACY SITE MANAGER security key will be a requirement for accessing the new option.

The Patient Billing comments and comment history will be stored in the PHARMACY PATIENT file (#55). Two new multiples sub-files will be added to the Pharmacy Patient file. The first sub-file to be added will be named PATIENT COMMENT (#55.17). The sub-file will contain:

* Date/Time – Date and time the Patient Billing comment was entered
* User – Pointer to the New Person file of the user who entered the comment
* Active Flag – Yes/No Flag – Yes = Active comment, No = Inactive comment
* Comment – Free text comment up to 150 characters

The second new sub-file will reside below the Patient Comment Sub-File and will be named PATIENT COMMENT HISTORY (#55.174). This sub-file will contain:

* Date/Time – Date and time of update to the Patient Billing comment
* User – Pointer to the New Person file of the user who updated the comment
* Activity – Set of Values associated with the comment
  + 1 for Add
  + 2 for Activate
  + 3 for Inactivate

The Reject Information Screens will be modified to display all **active** Patient Billing comments for the patient. Patient Billing comments cannot be deleted, only inactivated using the new menu option. All active comments will be displayed in reverse chronological order.

The *COM Add Comment* action associated with the Reject Information Screens will also be modified. The user will have the ability to specify if the comment being added will be a Reject comment or a Patient Billing comment. Reject comments only display for the specific reject. Patient Billing comments display for all rejects associated with the patient.

List of Components:

* File: PHARMACY PATIENT (#55)
  + Sub-File: PATIENT COMMENT (#55.17)
  + Sub-File: PATIENT COMMENT HISTORY (#55.174)
* List Template: PSO PATIENT COMMENT
* Option: PSO EPHARMACY PATIENT COMMENTS
* Protocol: PSO PATIENT COMMENT ACTIVATE
* Protocol: PSO PATIENT COMMENT ADD
* Protocol: PSO PATIENT COMMENT DOWN A LINE
* Protocol: PSO PATIENT COMMENT EXIT
* Protocol: PSO PATIENT COMMENT HIDDEN MENU
* Protocol: PSO PATIENT COMMENT HISTORY
* Protocol: PSO PATIENT COMMENT MENU
* Protocol: PSO PATIENT COMMENT NEXT SCREEN
* Protocol: PSO PATIENT COMMENT PREVIOUS SCREEN
* Protocol: PSO PATIENT COMMENT UP A LINE
* Routine: PSOPTC0
* Routine: PSOREJP3
* Routine: PSOREJU3

# Design – Detail

A new field will be added to the PHARMACY PATIENT file (#55). This field will be a multiple, used to store the Patient Billing Comment data:

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | PATIENT COMMENT |
| **FIELD NUMBER** | 70 |
| **NODE;PIECE** | PC;0 |
| **FIELD TYPE** | Multiple |
| **DESCRIPTION** | This sub-file allows patient billing comments to be stored for this patient. |

The following fields make up the PATIENT COMMENT (multiple) sub-file (#55.17):

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | PATIENT COMMENT DATE |
| **FIELD NUMBER** | .01 |
| **NODE;PIECE** | 0;1 |
| **FIELD TYPE** | Date |
| **DESCRIPTION** | Date/Time Patient Comment was entered. |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | USER |
| **FIELD NUMBER** | 1 |
| **NODE;PIECE** | 0;2 |
| **FIELD TYPE** | Pointer to NEW PERSON File (#200) |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | ACTIVE |
| **FIELD NUMBER** | 2 |
| **NODE;PIECE** | 0;3 |
| **FIELD TYPE** | Set  Y for Active  N for Inactive |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | COMMENT |
| **FIELD NUMBER** | 3 |
| **NODE;PIECE** | 0;4 |
| **FIELD TYPE** | Free Text |
| **FIELD LENGTH** | 1-150 |
| **HELP** | Enter a free text comment up to 150 characters long. |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | PATIENT COMMENT HISTORY |
| **FIELD NUMBER** | 4 |
| **NODE;PIECE** | PCH;0 |
| **FIELD TYPE** | Multiple |

The PATIENT COMMENT HISTORY field is a multiple, stored on the PATIENT COMMENT multiple. The following charts provide the details for the new sub-file PATIENT COMMENT HISTORY (#55.174):

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | PATIENT COMMENT HISTORY |
| **FIELD NUMBER** | 4 |
| **NODE;PIECE** | PCH;0 |
| **FIELD TYPE** | Multiple |
| **DESCRIPTION** | This sub-file stores all historical updates to the patient billing comments for this patient. |

The following fields make up the PATIENT COMMENT HISTORY (multiple) sub-file (#55.174):

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | HISTORY DATE |
| **FIELD NUMBER** | .01 |
| **NODE;PIECE** | 0;1 |
| **FIELD TYPE** | Date  (Multiple) |
| **DESCRIPTION** | Date/Time of historical update to comment. |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | USER |
| **FIELD NUMBER** | 1 |
| **NODE;PIECE** | 0;2 |
| **FIELD TYPE** | Pointer to New Person File (#200) |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **FIELD NAME** | ACTIVITY |
| **FIELD NUMBER** | 2 |
| **NODE;PIECE** | 0;3 |
| **FIELD TYPE** | Set  1 for Add  2 for Activate  3 for Inactivate |

Creation of new List Template:

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **List Template** | PSO PATIENT COMMENT |
| **Type of List** | PROTOCOL |
| **Right Margin** | 80 |
| **Top Margin** | 5 |
| **Bottom Margin** | 20 |
| **Protocol Menu** | PSO PATIENT COMMENT MENU |
| **Screen Title** | ePharmacy Patient Comment |
| **Hidden Action Menu** | PSO PATIENT COMMENT HIDDEN MENU |

The following entries will be added to file #101, PROTOCOL:

Menu associated with PSO PATIENT COMMENT List Template:

|  |  |
| --- | --- |
| **Fields** | **Values** |
| **NAME** | PSO PATIENT COMMENT MENU |
| **ITEM TEXT** | Menu protocol for Patient Comment |
| **TYPE** | Menu |
| **COLUMN WIDTH** | 40 |
| **MNEMONIC WIDTH** | 4 |

Action items associated with PSO PATIENT COMMENT MENU:

|  |  |
| --- | --- |
| **Fields** | **Values** |
| **NAME** | PSO PATIENT COMMENT ADD |
| **ITEM TEXT** | Add Patient Comment |
| **TYPE** | ACTION |
| **ENTRY ACTION** | D ADD^PSOPTC0 |
| **SEQUENCE** | 1 |
| **MNEMONIC** | A |

|  |  |
| --- | --- |
| **Fields** | **Values** |
| **NAME** | PSO PATIENT COMMENT ACTIVATE |
| **ITEM TEXT** | Inactivate or Activate Comment |
| **TYPE** | ACTION |
| **ENTRY ACTION** | D ACT^PSOPTC0 |
| **SEQUENCE** | 2 |
| **MNEMONIC** | I |

|  |  |
| --- | --- |
| **Fields** | **Values** |
| **NAME** | PSO PATIENT COMMENT HISTORY |
| **ITEM TEXT** | Comment History |
| **TYPE** | ACTION |
| **ENTRY ACTION** | D HIST^PSOPTC0 |
| **SEQUENCE** | 3 |
| **MNEMONIC** | H |

|  |  |
| --- | --- |
| **Fields** | **Values** |
| **NAME** | PSO PATIENT COMMENT EXIT |
| **ITEM TEXT** | Exit |
| **TYPE** | ACTION |
| **ENTRY ACTION** | D EXIT^PSOPTC0 |
| **SEQUENCE** | 4 |
| **MNEMONIC** | EX |

Hidden menu associated with PSO PATIENT COMMENT List Template:

|  |  |
| --- | --- |
| **Fields** | **Values** |
| **NAME** | PSO PATIENT COMMENT HIDDEN MENU |
| **ITEM TEXT** | Patient Comment Hidden Actions |
| **TYPE** | MENU |

Action items associated with PSO PATIENT COMMENT HIDDEN MENU:

|  |  |
| --- | --- |
| **Fields** | **Values** |
| **NAME** | PSO PATIENT COMMENT DOWN A LINE |
| **ITEM TEXT** | Down a Line |
| **TYPE** | ACTION |
| **ENTRY ACTION** | D DOWN^VALM40 |
| **MNEMONIC** | DN |

|  |  |
| --- | --- |
| **Fields** | **Values** |
| **NAME** | PSO PATIENT COMMENT UP A LINE |
| **ITEM TEXT** | Up a Line |
| **TYPE** | ACTION |
| **ENTRY ACTION** | D UP^VALM40 |
| **MNEMONIC** | UP |

|  |  |
| --- | --- |
| **Fields** | **Values** |
| **NAME** | PSO PATIENT COMMENT NEXT SCREEN |
| **ITEM TEXT** | Next Screen |
| **TYPE** | ACTION |
| **ENTRY ACTION** | D NEXT^VALM4 |
| **MNEMONIC** | + |

|  |  |
| --- | --- |
| **Fields** | **Values** |
| **NAME** | PSO PATIENT COMMENT PREVIOUS SCREEN |
| **ITEM TEXT** | Previous Screen |
| **TYPE** | ACTION |
| **ENTRY ACTION** | D PREV^VALM4 |
| **MNEMONIC** | - |

PSOPTC0 is the new routine that will perform the functionality associated with the new menu option for Patient Billing Comments.

| Subroutine Name | **PSOPTC0** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US598 | | | | | | | |
| Related Menu Options or ListMan Actions | PSO EPHARMACY PATIENT COMMENTS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| n/a | | | NOW^%DTC, ^DIC, FILE^DIE,  UPDATE^DIE, GETS^DIQ,  ^DIR, ^DIWP, ^PSOLSET,  $$COMMENT^PSOREJP3,  $$YESNO^PSOREJP3,  DEM^VADPT, EN^VALM,  FULL^VALM1, WAIT^VALM1,  CLEAN^VALM10, SET^VALM10,  $$LJ^XLFSTR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name:  Definition:  New  Modify  Delete  No Change  Name:  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name:  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| PSOPTC0 ;AITC/PD - Patient Billing Comments;9/5/2017  ;;7.0;OUTPATIENT PHARMACY;\*\*482\*\*;DEC 1997;  ;  EN ; Menu Option Entry Point  ;  I '$D(^XUSEC("PSO EPHARMACY SITE MANAGER",DUZ)) W !,$C(7),"Requires Pharmacy Key (PSO EPHARMACY SITE MANAGER) !" Q  ;  N DIC,DTOUT,X,Y  ;  K PSOPTC  ;  ;Division selection  I '$G(PSOSITE) D ^PSOLSET I '$D(PSOPAR) W $C(7),!!,"Pharmacy Division Must be Selected!",! G EXIT  ;  ;Patient selection  W !!  S DIC=2,DIC(0)="QEAM"  D ^DIC  G EXIT:((Y<0)!($D(DTOUT)))  S PSOPTC("DFN")=+Y  ;  D EN^VALM("PSO PATIENT COMMENT")  ;  Q  ;  HDR ; Header  ;  N DFN,H1,VA,VADM  ;  S DFN=$G(PSOPTC("DFN"))  I 'DFN G EXIT  D DEM^VADPT  S H1=$$LJ^XLFSTR("Patient: "\_$E($G(VADM(1)),1,30)\_" ("\_$G(VA("BID"))\_")",48)  S H1=H1\_$$LJ^XLFSTR("Sex: "\_$P($G(VADM(5)),U,1),8)  S H1=H1\_$$LJ^XLFSTR("DOB: "\_$$FMTE^XLFDT($P($G(VADM(3)),U,1),"2Z")\_" ("\_$G(VADM(4))\_")",22)  ;  S VALMHDR(1)=H1  S VALMHDR(2)="# STATUS DATE/TIME USER"  Q  ;  INIT ;  ;  D CLEAN^VALM10  D BUILD  Q  ;  BUILD ; Build ListMan Screen  ;  ; PSODFN = Patient Record ID  ; PSOPC = PATIENT COMMENT sub-file (#55.17) Record ID  ;  N DIWL,DIWR,PSOCNT,PSOCOM,PSOCOMMENT,PSODATA,PSODATE,PSODATE1  N PSODFN,PSOLINE,PSOPC,PSOSTATUS,PSOSTR,PSOUSER,PSOY  ;  S PSOLINE=0  S PSOCNT=0  S PSODFN=$G(PSOPTC("DFN"))  I 'PSODFN G EXIT  ;  ; Loop through the PATIENT COMMENT sub-file (#55.17) in reverse  ; chronological order.  S PSODATE=""  F S PSODATE=$O(^PS(55,PSODFN,"PC","B",PSODATE),-1) Q:PSODATE="" D  . S PSOPC=$O(^PS(55,PSODFN,"PC","B",PSODATE,""))  . K PSODATA  . D GETS^DIQ(55.17,PSOPC\_","\_PSODFN\_",",".01;1;2;3","E","PSODATA")  . S PSODATE1=$G(PSODATA(55.17,PSOPC\_","\_PSODFN\_",",.01,"E"))  . S PSOUSER=$G(PSODATA(55.17,PSOPC\_","\_PSODFN\_",",1,"E"))  . S PSOSTATUS=$G(PSODATA(55.17,PSOPC\_","\_PSODFN\_",",2,"E"))  . S PSOCOMMENT=$G(PSODATA(55.17,PSOPC\_","\_PSODFN\_",",3,"E"))  . S PSOCNT=PSOCNT+1  . S PSOSTR=PSOCNT\_" "\_$E(PSOSTATUS)\_" "\_PSODATE1\_" "\_PSOUSER  . S PSOLINE=PSOLINE+1  . S @VALMAR@("IDX",PSOCNT,PSOPC)=""  . D SET^VALM10(PSOLINE,PSOSTR,"")  . ; Use ^DIWP to format comment into lines no greater than 78 characters  . ; with logical breaks between words.  . K ^UTILITY($J,"W")  . S X=PSOCOMMENT,DIWL=1,DIWR=78  . D ^DIWP  . F PSOY=1:1 Q:('$D(^UTILITY($J,"W",1,PSOY,0))) D  . . S PSOCOM=$G(^UTILITY($J,"W",1,PSOY,0))  . . S PSOLINE=PSOLINE+1  . . D SET^VALM10(PSOLINE," "\_PSOCOM,"")  . K ^UTILITY($J,"W")  ;  S VALMCNT=PSOLINE  ;  Q  ;  ADD ; Add Patient Comment  ;  N PSO55,PSOCOM  ;  D FULL^VALM1  S PSOCOM=$$COMMENT^PSOREJP3("Comment: ",150)  ; Comment not confirmed or user entered ^ to Exit  I $L(PSOCOM)=0!(PSOCOM["^") S VALMBCK="R" Q  S PSO55=$G(PSOPTC("DFN"))  ; Valid comment entered - Create new multiple record  D ADDPC(PSOCOM,PSO55)  D INIT  S VALMBCK="R"  ;  Q  ;  ADDPC(PSOCOM,PSO55) ; Add new multiple record for Patient Comment  ;  N PSO200,PSOAR,PSOFILE,PSOIEN,PSONOW,PSOPC  ;  ; Create the Patient Comment multiple  S PSOFILE=55.17  D NOW^%DTC  S PSONOW=%  S PSOAR(1,PSOFILE,"+1,"\_PSO55\_",",.01)=PSONOW  D UPDATE^DIE("","PSOAR(1)") K PSOAR  ;  ; Populate the data into the Patient Comment multiple  S PSO200=DUZ  S PSOPC=$O(^PS(55,PSO55,"PC","B",PSONOW,""))  S PSOIEN=PSOPC\_","\_PSO55\_","  S PSOAR(PSOFILE,PSOIEN,1)=PSO200  S PSOAR(PSOFILE,PSOIEN,2)="Y"  S PSOAR(PSOFILE,PSOIEN,3)=PSOCOM  D FILE^DIE(,"PSOAR") K PSOAR  ;  ; Add Patient Comment History  D ADDPCH(PSO55,PSOPC,PSONOW,1)  ;  Q  ;  ADDPCH(PSO55,PSOPC,PSONOW,PSOACT) ; Add new multiple record for Patient Comment History  ;  N PSO200,PSOAR,PSOFILE,PSOIEN,PSOPCH  ;  ; Create the Patient Comment History multiple  S PSOFILE=55.174  S PSO200=DUZ  S PSOAR(1,PSOFILE,"+1,"\_PSOPC\_","\_PSO55\_",",.01)=PSONOW  D UPDATE^DIE("","PSOAR(1)")  K PSOAR  ;  ; Populate the data into the Patient Comment History multiple  S PSOPCH=$O(^PS(55,PSO55,"PC",PSOPC,"PCH","B",PSONOW,""))  S PSOIEN=PSOPCH\_","\_PSOPC\_","\_PSO55\_","  S PSOAR(PSOFILE,PSOIEN,1)=PSO200  S PSOAR(PSOFILE,PSOIEN,2)=PSOACT  D FILE^DIE(,"PSOAR") K PSOAR  ;  Q  ;  ACT ; Activate / Inactivate Patient Comment  ;  ; ACT serves as a toggle for Activating and Inactivating comments.  ; Upon selection of this action, the user will be prompted for  ; the line to Activate/Inactivate. The comment will be redisplayed  ; to the user. A confirmation prompt will appear. Upon confirmation,  ; the value will be updated and the display refreshed.  ; If the user confirmed to change the status of the comment, a history  ; record will be filed.  ;  N DIWL,DIWR,PSO55,PSOACT,PSOACT1,PSOAR,PSOCOM,PSODATA,PSOFILE  N PSOLINE,PSOIEN,PSONOW,PSONOWH,PSOPC,PSOY,PSOYESNO  ;  ; Get record id (#55.17) for selected entry  S PSOPC=$$SELECT(.PSOLINE)  ;  I PSOPC="^" S VALMBCK="R" Q  ;  S PSOFILE=55.17  S PSO55=PSOPTC("DFN")  K PSODATA  S PSOIEN=PSOPC\_","\_PSO55\_","  D GETS^DIQ(55.17,PSOIEN,".01;2;3","I","PSODATA")  S PSONOW=$G(PSODATA(55.17,PSOIEN,.01,"I"))  S PSOACT="Activate"  S PSOACT1=$G(PSODATA(55.17,PSOIEN,2,"I"))  I PSOACT1="Y" S PSOACT="Inactivate"  W !,PSOACT\_" Comment # "\_PSOLINE\_":"  I $L($G(PSODATA(55.17,PSOIEN,3,"I")))>78 D  . K ^UTILITY($J,"W")  . S X=PSODATA(55.17,PSOIEN,3,"I"),DIWL=1,DIWR=78  . D ^DIWP  . F PSOY=1:1 Q:('$D(^UTILITY($J,"W",1,PSOY,0))) D  . . S PSOCOM=$G(^UTILITY($J,"W",1,PSOY,0))  . . W !," "\_PSOCOM  . K ^UTILITY($J,"W")  E W !," "\_PSODATA(55.17,PSOIEN,3,"I")  ;  S PSOYESNO=$$YESNO^PSOREJP3("Are you sure Y/N")  I PSOYESNO=-1 G ACTX  ;  I PSOYESNO=1 D  . S PSOAR(PSOFILE,PSOIEN,2)="N"  . I PSOACT1="N" S PSOAR(PSOFILE,PSOIEN,2)="Y"  . D FILE^DIE(,"PSOAR") K PSOAR  . ;  . ; Add Patient Comment History  . D NOW^%DTC  . S PSONOWH=%  . I PSOACT1="Y" D ADDPCH(PSO55,PSOPC,PSONOWH,3)  . I PSOACT1="N" D ADDPCH(PSO55,PSOPC,PSONOWH,2)  ;  ACTX ;  ;  D INIT  S VALMBCK="R"  ;  Q  ;  HIST ; Patient Comment History  ;  ; HIST provides a historical view of any Patient Comment.  ; The user will be prompted to select a Patient Comment. The  ; comment will be redisplayed to the user. A listing of the  ; comment's history will display in reverse chronological order.  ; The values in this listing will include ADD, ACTIVATE and  ; INACTIVATE. The date/time and user for each historical  ; update will display.  ;  N DIWL,DIWR,PSO55,PSOCOM,PSODATA,PSOIEN,PSOLINE  N PSONOW,PSOPC,PSOPCH,PSOY  ;  S PSOPC=$$SELECT(.PSOLINE)  ;  I PSOPC="^" S VALMBCK="R" Q  ;  S PSO55=PSOPTC("DFN")  ;  W !  S PSOIEN=PSOPC\_","\_PSO55\_","  K PSODATA  D GETS^DIQ(55.17,PSOIEN,".01;2;3","I","PSODATA")  I $L($G(PSODATA(55.17,PSOIEN,3,"I")))>78 D  . K ^UTILITY($J,"W")  . S X=PSODATA(55.17,PSOIEN,3,"I"),DIWL=1,DIWR=78  . D ^DIWP  . F PSOY=1:1 Q:('$D(^UTILITY($J,"W",1,PSOY,0))) D  . . S PSOCOM=$G(^UTILITY($J,"W",1,PSOY,0))  . . W !," "\_PSOCOM  . K ^UTILITY($J,"W")  E W !," "\_PSODATA(55.17,PSOIEN,3,"I")  W !  ;  S PSONOW=""  F S PSONOW=$O(^PS(55,PSO55,"PC",PSOPC,"PCH","B",PSONOW),-1) Q:PSONOW="" D  . S PSOPCH=""  . S PSOPCH=$O(^PS(55,PSO55,"PC",PSOPC,"PCH","B",PSONOW,PSOPCH))  . S PSOIEN=PSOPCH\_","\_PSOPC\_","\_PSO55\_","  . K PSODATA  . D GETS^DIQ(55.174,PSOIEN,".01;1;2","E","PSODATA")  . W !,$G(PSODATA(55.174,PSOIEN,2,"E"))  . W ?15,$G(PSODATA(55.174,PSOIEN,.01,"E"))  . W ?45,$G(PSODATA(55.174,PSOIEN,1,"E"))  ;  D WAIT^VALM1  ;  D INIT  S VALMBCK="R"  ;  Q  ;  SELECT(PSOLINE) ; Select Line from List View  ;  N DIR,DIRUT,PSOMAX,Y  ;  D FULL^VALM1  ;  I '$D(^TMP("PSOPTC0",$J)) D Q "^"  . W !!,"No Patient Comments available for selection."  . D WAIT^VALM1  ;  S PSOMAX=$O(^TMP("PSOPTC0",$J,"IDX",""),-1)  ;  W !  S DIR(0)="N^1:"\_PSOMAX  S DIR("A")="Line"  I PSOMAX=1 S DIR("B")=PSOMAX  D ^DIR  ;  I $D(DIRUT) Q "^"  S PSOLINE=Y  ;  Q $O(^TMP("PSOPTC0",$J,"IDX",PSOLINE,""))  ;  HELP ;  ;  Q  ;  EXIT ;  ;  K ^TMP("PSOPTC0",$J),PSOPTC  Q | | | | | | | | |

Update to the COM action from the Third Party Payer Reject options. When adding a new comment the user will be prompted for Comment Type (Reject or Patient Billing). After saving the comment, the Third Party Payer Reject screens will be updated to include the newly added comment.

| Subroutine Name | **ADDCOM^PSOREJP3** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US598 | | | | | | | |
| Related Menu Options or ListMan Actions | Third Party Payer Reject options | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| PSO REJECT DISPLAY ADD COMMENT action protocol | | | ^DIR  GET1^DIQ  ADDPC^PSOREJP1  INIT^PSOREJP1  FULL^VALM1 | | | | |
| 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 | | | | | | | | |
| PSOREJP3 ;ALB/SS - Third Party Reject Display Screen - Comments ;10/27/06  ;;7.0;OUTPATIENT PHARMACY;\*\*260,287,289,290,358,359,385,403,421,427,448\*\*;DEC 1997;Build 25  …  ADDCOM ; - Add comment worklist action  N PSCOM  D FULL^VALM1  S PSCOM=$$COMMENT("Comment: ",150)  I $L(PSCOM)>0,PSCOM'["^" D  . D SAVECOM(RX,REJ,PSCOM) ;save the comment  . D INIT^PSOREJP1 ;update screen  S VALMBCK="R"  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| PSOREJP3 ;ALB/SS - Third Party Reject Display Screen - Comments ;10/27/06  ;;7.0;OUTPATIENT PHARMACY;\*\*260,287,289,290,358,359,385,403,421,427,448,482\*\*;DEC 1997;Build 25  …  ADDCOM ; - Add comment worklist action  N PSO55,PSCOM,PSOCOMTYPE  D FULL^VALM1  ;  S DIR(0)="S^R:Reject;P:Patient Billing"  S DIR("A")="Comment Type"  S DIR("?",1)="The Reject Comment only displays for the specific reject."  S DIR("?")="The Patient Billing Comment displays on all rejects for the patient."  D ^DIR  I $D(DIRUT) S VALMBCK="R" Q  S PSOCOMTYPE=Y  ;  S PSCOM=$$COMMENT("Comment: ",150)  ;  ; Save Reject Type Comment  I PSOCOMTYPE="R",$L(PSCOM)>0,PSCOM'["^" D  . D SAVECOM(RX,REJ,PSCOM) ;save the comment  . D INIT^PSOREJP1 ;update screen  ; Save Patient Billing Type Comment  I PSOCOMTYPE="P",$L(PSCOM)>0,PSCOM'["^" D  . S PSO55=$$GET1^DIQ(52,RX,2,"I")  . D ADDPC^PSOPTC0(PSCOM,PSO55)  . D INIT^PSOREJP1  S VALMBCK="R"  Q | | | | | | | | |

Existing [Reject] comments are displayed in the Third Party Payer Reject options. The following update will also display any Patient Billing comments.

| Subroutine Name | **COM^PSOREJP3** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US598 | | | | | | | |
| Related Menu Options or ListMan Actions | Third Party Payer Reject options | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| INIT^PSOREJP1 | | | COM^BPSSCRU3  $$GET1^DIQ  ^DIWP  SETLN^PSOREJP1  $$FMTE^XLFDT | | | | |
| 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 | | | | | | | | |
| COM ; Builds the Comments section in the Reject Information Screen.  ; The following variables are assumed to exist:  ; RX - Pointer to file# 52, Prescription.  ; FILL - Pointer to the Refill sub-file of the Prescription.  ; REJ - Pointer to the Reject Info sub-file of the Prescription.  ;  N PSOARRAY,PSOCOM,PSODATE,PSOLAST,PSOPFLAG,PSOTEMP,PSOUSER,PSOX,PSOY,X  ;  ; MRD;PSO\*7\*448 - This patch added the ability for an OPECC to flag a  ; comment on a BPS Transaction as being for pharmacy. A comment so  ; flagged will appear on the Reject Information Screen intermingled  ; with any other comments on the Prescription. All the comments will  ; be sorted in reverse chronological order.  ;  ; COM^BPSSCRU3 populates the array PSOTEMP with all the comments from  ; the BPS Transaction corresponding to the Prescription and Refill.  ; Any of those comments with the Pharmacy flag set to '1' will be  ; added to the array PSOARRAY.  ;  D COM^BPSSCRU3(RX,FILL,,.PSOTEMP) ; IA 6214.  ;  S PSODATE=0  F S PSODATE=$O(PSOTEMP(PSODATE)) Q:'PSODATE D  . S PSOX=0  . F S PSOX=$O(PSOTEMP(PSODATE,PSOX)) Q:'PSOX D  . . ;  . . ; If the Pharmacy flag is set, then add this comment to the  . . ; array PSOARRAY to be displayed.  . . ;  . . S PSOPFLAG=$P(PSOTEMP(PSODATE,PSOX),U)  . . I 'PSOPFLAG Q  . . S PSOCOM=$P(PSOTEMP(PSODATE,PSOX),U,2)  . . S PSOUSER=$P(PSOTEMP(PSODATE,PSOX),U,3)  . . S PSOUSER=$$GET1^DIQ(200,PSOUSER,.01)  . . S PSOY=$$FMTE^XLFDT(PSODATE)  . . S PSOCOM=PSOY\_" (OPECC) - "\_PSOCOM\_" ("\_PSOUSER\_")"  . . S PSOY=$G(PSOARRAY(PSODATE))+1  . . S PSOARRAY(PSODATE)=PSOY  . . S PSOARRAY(PSODATE,PSOY)=PSOCOM  . . Q  . Q  ;  ; Pull comments from the Reject sub-file of the Prescription and  ; add to the array PSOARRAY.  ;  S PSOX=0  F S PSOX=$O(^PSRX(RX,"REJ",REJ,"COM",PSOX)) Q:'PSOX D  . S PSODATE=$$GET1^DIQ(52.2551,PSOX\_","\_REJ\_","\_RX,.01,"E")  . S PSOUSER=$$GET1^DIQ(52.2551,PSOX\_","\_REJ\_","\_RX,1)  . S PSOCOM=$$GET1^DIQ(52.2551,PSOX\_","\_REJ\_","\_RX,2)  . S PSOCOM=PSODATE\_" - "\_PSOCOM\_" ("\_PSOUSER\_")"  . S PSODATE=$$GET1^DIQ(52.2551,PSOX\_","\_REJ\_","\_RX,.01,"I")  . S PSOY=$G(PSOARRAY(PSODATE))+1  . S PSOARRAY(PSODATE)=PSOY  . S PSOARRAY(PSODATE,PSOY)=PSOCOM  . Q  ;  ; At this point, all of the comments to be displayed are in the array  ; PSOARRAY, sorted by date/time. If that array is empty, then Quit  ; out. Otherwise, loop through the comments backwards to display in  ; reverse chronological order.  ;  I '$O(PSOARRAY("")) Q  D SETLN^PSOREJP1()  D SETLN^PSOREJP1("COMMENTS",1,1)  ;  S PSODATE=""  F S PSODATE=$O(PSOARRAY(PSODATE),-1) Q:'PSODATE D  . S PSOX=""  . F S PSOX=$O(PSOARRAY(PSODATE,PSOX),-1) Q:'PSOX D  . . ;  . . ; Use ^DIWP utility to put comment into scratch global array,  . . ; with lines broken apart intelligently.  . . ;  . . N %,DIW,DIWF,DIWI,DIWL,DIWR,DIWT,DIWTC,DIWX,DN,I,Z  . . K ^UTILITY($J,"W")  . . S X=PSOARRAY(PSODATE,PSOX)  . . S DIWL=1  . . S DIWR=78  . . D ^DIWP  . . ;  . . ; Loop through the scratch array and add each line to the ^TMP  . . ; global to be displayed on the screen.  . . ;  . . S PSOLAST=0  . . F PSOY=1:1 Q:('$D(^UTILITY($J,"W",1,PSOY,0))) D  . . . S PSOCOM=$G(^UTILITY($J,"W",1,PSOY,0))  . . . ;  . . . ; If this line is the last of this comment, and this is the  . . . ; last comment, then Set PSOLAST=1 to make this line underlined  . . . ; on the screen.  . . . ;  . . . I '$D(^UTILITY($J,"W",1,PSOY+1)),$O(PSOARRAY(PSODATE,PSOX),-1)="",$O(PSOARRAY(PSODATE),-1)="" S PSOLAST=1  . . . ;  . . . ; Use SETLN^PSOREJP1 to add line to ^TMP array to be displayed to screen.  . . . ;  . . . D SETLN^PSOREJP1($S(PSOY=1:"- ",1:" ")\_PSOCOM,0,PSOLAST,1)  . . . Q  . . Q  . Q  ;  K ^UTILITY($J,"W")  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| COM ; Builds the Comments section in the Reject Information Screen.  ; The following variables are assumed to exist:  ; RX - Pointer to file# 52, Prescription.  ; FILL - Pointer to the Refill sub-file of the Prescription.  ; REJ - Pointer to the Reject Info sub-file of the Prescription.  ;  N PSOARRAY,PSOCNT,PSOCOM,PSODATA,PSODATE,PSODATE1,PSODFN,PSOLAST,PSOPC  N PSOPFLAG,PSOSTATUS,PSOSTR,PSOTEMP,PSOUSER,PSOX,PSOY,X  ;  ; MRD;PSO\*7\*448 - This patch added the ability for an OPECC to flag a  ; comment on a BPS Transaction as being for pharmacy. A comment so  ; flagged will appear on the Reject Information Screen intermingled  ; with any other comments on the Prescription. All the comments will  ; be sorted in reverse chronological order.  ;  ; COM^BPSSCRU3 populates the array PSOTEMP with all the comments from  ; the BPS Transaction corresponding to the Prescription and Refill.  ; Any of those comments with the Pharmacy flag set to '1' will be  ; added to the array PSOARRAY.  ;  D COM^BPSSCRU3(RX,FILL,,.PSOTEMP) ; IA 6214.  ;  S PSODATE=0  F S PSODATE=$O(PSOTEMP(PSODATE)) Q:'PSODATE D  . S PSOX=0  . F S PSOX=$O(PSOTEMP(PSODATE,PSOX)) Q:'PSOX D  . . ;  . . ; If the Pharmacy flag is set, then add this comment to the  . . ; array PSOARRAY to be displayed.  . . ;  . . S PSOPFLAG=$P(PSOTEMP(PSODATE,PSOX),U)  . . I 'PSOPFLAG Q  . . S PSOCOM=$P(PSOTEMP(PSODATE,PSOX),U,2)  . . S PSOUSER=$P(PSOTEMP(PSODATE,PSOX),U,3)  . . S PSOUSER=$$GET1^DIQ(200,PSOUSER,.01)  . . S PSOY=$$FMTE^XLFDT(PSODATE)  . . S PSOCOM=PSOY\_" (OPECC) - "\_PSOCOM\_" ("\_PSOUSER\_")"  . . S PSOY=$G(PSOARRAY(PSODATE))+1  . . S PSOARRAY(PSODATE)=PSOY  . . S PSOARRAY(PSODATE,PSOY)=PSOCOM  . . Q  . Q  ;  ; Pull comments from the Reject sub-file of the Prescription and  ; add to the array PSOARRAY.  ;  S PSOX=0  F S PSOX=$O(^PSRX(RX,"REJ",REJ,"COM",PSOX)) Q:'PSOX D  . S PSODATE=$$GET1^DIQ(52.2551,PSOX\_","\_REJ\_","\_RX,.01,"E")  . S PSOUSER=$$GET1^DIQ(52.2551,PSOX\_","\_REJ\_","\_RX,1)  . S PSOCOM=$$GET1^DIQ(52.2551,PSOX\_","\_REJ\_","\_RX,2)  . S PSOCOM=PSODATE\_" - "\_PSOCOM\_" ("\_PSOUSER\_")"  . S PSODATE=$$GET1^DIQ(52.2551,PSOX\_","\_REJ\_","\_RX,.01,"I")  . S PSOY=$G(PSOARRAY(PSODATE))+1  . S PSOARRAY(PSODATE)=PSOY  . S PSOARRAY(PSODATE,PSOY)=PSOCOM  . Q  ;  ; At this point, all of the comments to be displayed are in the array  ; PSOARRAY, sorted by date/time. If that array is empty, then Quit  ; out. Otherwise, loop through the comments backwards to display in  ; reverse chronological order.  ;  I '$O(PSOARRAY("")) Q  D SETLN^PSOREJP1()  D SETLN^PSOREJP1("COMMENTS - REJECT",1,1)  ;  S PSODATE=""  F S PSODATE=$O(PSOARRAY(PSODATE),-1) Q:'PSODATE D  . S PSOX=""  . F S PSOX=$O(PSOARRAY(PSODATE,PSOX),-1) Q:'PSOX D  . . ;  . . ; Use ^DIWP utility to put comment into scratch global array,  . . ; with lines broken apart intelligently.  . . ;  . . N %,DIW,DIWF,DIWI,DIWL,DIWR,DIWT,DIWTC,DIWX,DN,I,Z  . . K ^UTILITY($J,"W")  . . S X=PSOARRAY(PSODATE,PSOX)  . . S DIWL=1  . . S DIWR=78  . . D ^DIWP  . . ;  . . ; Loop through the scratch array and add each line to the ^TMP  . . ; global to be displayed on the screen.  . . ;  . . S PSOLAST=0  . . F PSOY=1:1 Q:('$D(^UTILITY($J,"W",1,PSOY,0))) D  . . . S PSOCOM=$G(^UTILITY($J,"W",1,PSOY,0))  . . . ;  . . . ; If this line is the last of this comment, and this is the  . . . ; last comment, then Set PSOLAST=1 to make this line underlined  . . . ; on the screen.  . . . ;  . . . I '$D(^UTILITY($J,"W",1,PSOY+1)),$O(PSOARRAY(PSODATE,PSOX),-1)="",$O(PSOARRAY(PSODATE),-1)="" S PSOLAST=1  . . . ;  . . . ; Use SETLN^PSOREJP1 to add line to ^TMP array to be displayed to screen.  . . . ;  . . . D SETLN^PSOREJP1($S(PSOY=1:"- ",1:" ")\_PSOCOM,0,PSOLAST,1)  . . . Q  . . Q  . Q  ;  K PSOARRAY  ;  ; Get Patient ID - If no Patient Comments on file, Quit  S PSODFN=$$GET1^DIQ(52,RX,2,"I")  I '$D(^PS(55,PSODFN,"PC")) Q  ;  ; Loop through Patient Comments - Add ACTIVE Comments to PSOAR array  S PSODATE=""  S PSOCNT=0  K PSOAR  F S PSODATE=$O(^PS(55,PSODFN,"PC","B",PSODATE)) Q:PSODATE="" D  . S PSOPC=""  . F S PSOPC=$O(^PS(55,PSODFN,"PC","B",PSODATE,PSOPC)) Q:PSOPC="" D  . . K PSODATA  . . D GETS^DIQ(55.17,PSOPC\_","\_PSODFN\_",",".01;1;2;3","IE","PSODATA")  . . ;  . . ; Only display ACTIVE Patient Comments  . . S PSOSTATUS=$G(PSODATA(55.17,PSOPC\_","\_PSODFN\_",",2,"I"))  . . I PSOSTATUS'="Y" Q  . . ;  . . S PSODATE1=$G(PSODATA(55.17,PSOPC\_","\_PSODFN\_",",.01,"E"))  . . S PSOUSER=$G(PSODATA(55.17,PSOPC\_","\_PSODFN\_",",1,"E"))  . . S PSOCOM=$G(PSODATA(55.17,PSOPC\_","\_PSODFN\_",",3,"E"))  . . S PSOSTR=PSODATE1\_" - "\_PSOCOM\_" ("\_PSOUSER\_")"  . . S PSOCNT=PSOCNT+1  . . S PSOARRAY(PSOCNT)=PSOSTR  ;  ; If PSOAR array exists, display Active Patient Comments  I $D(PSOAR) D  . D SETLN^PSOREJP1("COMMENTS - PATIENT",1,1)  . ;  . ; Loop through PSOAR in reverse order to display Patient  . ; Comments in reverse chronological order  . S PSOCNT=""  . F S PSOCNT=$O(PSOARRAY(PSOCNT),-1) Q:PSOCNT="" D  . . ;  . . ; Use ^DIWP to display Patient Comments with proper  . . ; line breaking  . . N %,DIW,DIWF,DIWI,DIWL,DIWR,DIWT,DIWTC,DIWX,DN,I,Z  . . K ^UTILITY($J,"W")  . . S X=PSOARRAY(PSOCNT)  . . S DIWL=1  . . S DIWR=78  . . D ^DIWP  . . ;  . . S PSOLAST=0  . . F PSOY=1:1 Q:('$D(^UTILITY($J,"W",1,PSOY,0))) D  . . . S PSOCOM=$G(^UTILITY($J,"W",1,PSOY,0))  . . . ;  . . . ; Looping through the array in reverse order means PSOCNT=1  . . . ; will be the last comment to display. If the last line of the  . . . ; last comment is being displayed, set PSOLAST=1 to underline  . . . ; the comment on the screen.  . . . ;  . . . I '$D(^UTILITY($J,"W",1,PSOY+1)),PSOCNT=1 S PSOLAST=1  . . . ;  . . . ; Use SETLN^PSOREJP1 to add line to ^TMP array to be displayed to screen.  . . . ;  . . . D SETLN^PSOREJP1($S(PSOY=1:"- ",1:" ")\_PSOCOM,0,PSOLAST,1)  ;  K ^UTILITY($J,"W")  Q | | | | | | | | |

Existing [Reject] comments are displayed on the Reject Notification Screen. The following update will also display any Patient Billing comments.

| Subroutine Name | **DISPLAY^PSOREJU3** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US598 | | | | | | | |
| Related Menu Options or ListMan Actions | Reject Notification Screen | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| ACTION^PSOREJU1  DC1^PSOREJU1 | | | $$CLAIM^BPSBUTL  $$GET1^DIQ  ^DIWP  PRT^PSOREJU2  $$PTINFO^PSOREJU2 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: RX  Definition: Rx IEN  New  Modify  Delete  No Change  Name: REJ  Definition: REJECT ID (IEN)  New  Modify  Delete  No Change  Name: KEY  Definition: Display “Press any KEY to continue…”  New  Modify  Delete  No Change  Name: RRR  Definition: Reject Resolution Required Information  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| PSOREJU3 ;BIRM/LJE - BPS (ECME) - Clinical Rejects Utilities (3) ;04/25/08  ;;7.0;OUTPATIENT PHARMACY;\*\*287,290,358,359,385,421,427,448,478\*\*;DEC 1997;Build 25  …  DISPLAY(RX,REJ,KEY,RRR) ; - Displays REJECT information  ; Input: (r) RX - Rx IEN (#52)  ; (r) REJ - REJECT ID (IEN)  ; (o) KEY - Display "Press any KEY to continue..." (1-YES/0-NO) (Default: 0)  ; (o) RRR - Reject Resolution Required information Flag(0/1)^Threshold Amt^Gross Amt Due (Default: 0)  ; If Flag = 0, there is no Reject Resolution Required reject code. Parameter added with PSO\*421  ;  Q:$G(NFROM)  I '$G(RX)!'$G(REJ) Q  I '$D(^PSRX(RX,"REJ",REJ))&('$G(PSONBILL))&('$G(PSONPROG)) Q  ;  N DATA,RFL,LINE,%  S RFL=+$$GET1^DIQ(52.25,REJ\_","\_RX,5)  I '$G(PSONBILL)&('$G(PSONPROG)) D GET^PSOREJU2(RX,RFL,.DATA,REJ) I '$D(DATA(REJ)) Q  ;  D HDR  S $P(LINE,"-",74)="" W !?3,LINE  W !?3,$$DVINFO(RX,RFL)  W !?3,$$PTINFO^PSOREJU2(RX)  W !?3,"Rx/Drug : ",$$GET1^DIQ(52,RX,.01),"/",RFL," - ",$E($$GET1^DIQ(52,RX,6),1,20),?54  W:'$G(PSONBILL)&('$G(PSONPROG)) "ECME#: ",$P($$CLAIM^BPSBUTL(RX,RFL),U,6)  D TYPE G DISP2:$G(PSONBILL)!($G(PSONPROG))  I $G(DATA(REJ,"PAYER MESSAGE"))'="" W !?3,"Payer Message: " D PRT^PSOREJU2("PAYER MESSAGE",18,58)  I $G(DATA(REJ,"DUR TEXT"))'="" W !?3,"DUR Text : ",DATA(REJ,"DUR TEXT")  W !?3,"Insurance : ",DATA(REJ,"INSURANCE NAME"),?50,"Contact: ",DATA(REJ,"PLAN CONTACT")  W !?3,"Group Name : ",DATA(REJ,"GROUP NAME"),?45,"Group Number: ",DATA(REJ,"GROUP NUMBER")  I $G(DATA(REJ,"CARDHOLDER ID"))'="" W !?3,"Cardholder ID: ",DATA(REJ,"CARDHOLDER ID")  I DATA(REJ,"PLAN PREVIOUS FILL DATE")'="" D  . W !?3,"Last Fill Dt.: ",DATA(REJ,"PLAN PREVIOUS FILL DATE")  . W:DATA(REJ,"PLAN PREVIOUS FILL DATE")'="" " (from payer)"  I $G(RRR) D ;added with PSO\*421  . W !!?3,"Reject Resolution Required"  . W !?3,"Gross Amount Due ($"\_$J($P(RRR,U,3)\*100\1/100,0,2)\_") is greater than or equal to"  . W !?3,"Threshold Dollar Amount ($"\_$P(RRR,U,2)\_")"  . W !?3,"Please select Quit to resolve this reject on the Reject Worklist."  DISP2 ;  W !?3,LINE,$C(7) I $G(KEY) W !?3,"Press <RETURN> to continue..." R %:DTIME W !  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| PSOREJU3 ;BIRM/LJE - BPS (ECME) - Clinical Rejects Utilities (3) ;04/25/08  ;;7.0;OUTPATIENT PHARMACY;\*\*287,290,358,359,385,421,427,448,478,482\*\*;DEC 1997;Build 25  …  DISPLAY(RX,REJ,KEY,RRR) ; - Displays REJECT information  ; Input: (r) RX - Rx IEN (#52)  ; (r) REJ - REJECT ID (IEN)  ; (o) KEY - Display "Press any KEY to continue..." (1-YES/0-NO) (Default: 0)  ; (o) RRR - Reject Resolution Required information Flag(0/1)^Threshold Amt^Gross Amt Due (Default: 0)  ; If Flag = 0, there is no Reject Resolution Required reject code. Parameter added with PSO\*421  ;  Q:$G(NFROM)  I '$G(RX)!'$G(REJ) Q  I '$D(^PSRX(RX,"REJ",REJ))&('$G(PSONBILL))&('$G(PSONPROG)) Q  ;  N DATA,RFL,LINE,%  S RFL=+$$GET1^DIQ(52.25,REJ\_","\_RX,5)  I '$G(PSONBILL)&('$G(PSONPROG)) D GET^PSOREJU2(RX,RFL,.DATA,REJ) I '$D(DATA(REJ)) Q  ;  D HDR  S $P(LINE,"-",74)="" W !?3,LINE  W !?3,$$DVINFO(RX,RFL)  W !?3,$$PTINFO^PSOREJU2(RX)  W !?3,"Rx/Drug : ",$$GET1^DIQ(52,RX,.01),"/",RFL," - ",$E($$GET1^DIQ(52,RX,6),1,20),?54  W:'$G(PSONBILL)&('$G(PSONPROG)) "ECME#: ",$P($$CLAIM^BPSBUTL(RX,RFL),U,6)  D TYPE G DISP2:$G(PSONBILL)!($G(PSONPROG))  I $G(DATA(REJ,"PAYER MESSAGE"))'="" W !?3,"Payer Message: " D PRT^PSOREJU2("PAYER MESSAGE",18,58)  I $G(DATA(REJ,"DUR TEXT"))'="" W !?3,"DUR Text : ",DATA(REJ,"DUR TEXT")  W !?3,"Insurance : ",DATA(REJ,"INSURANCE NAME"),?50,"Contact: ",DATA(REJ,"PLAN CONTACT")  W !?3,"Group Name : ",DATA(REJ,"GROUP NAME"),?45,"Group Number: ",DATA(REJ,"GROUP NUMBER")  I $G(DATA(REJ,"CARDHOLDER ID"))'="" W !?3,"Cardholder ID: ",DATA(REJ,"CARDHOLDER ID")  I DATA(REJ,"PLAN PREVIOUS FILL DATE")'="" D  . W !?3,"Last Fill Dt.: ",DATA(REJ,"PLAN PREVIOUS FILL DATE")  . W:DATA(REJ,"PLAN PREVIOUS FILL DATE")'="" " (from payer)"  ;  N PSOAR,PSOCNT,PSOCOMMENT,PSODATA,PSODATE,PSODATE1  N PSODFN,PSOPC,PSOSTATUS,PSOSTR,PSOUSER  ;  ; Get Patient ID  ;  S PSODFN=$$GET1^DIQ(52,RX,2,"I")  ;  ; Loop through Patient Comments - Add ACTIVE Comments to PSOAR array  S PSODATE=""  S PSOCNT=0  K PSOAR  F S PSODATE=$O(^PS(55,PSODFN,"PC","B",PSODATE)) Q:PSODATE="" D  . S PSOPC=""  . F S PSOPC=$O(^PS(55,PSODFN,"PC","B",PSODATE,PSOPC)) Q:PSOPC="" D  . . K PSODATA  . . D GETS^DIQ(55.17,PSOPC\_","\_PSODFN\_",",".01;1;2;3","IE","PSODATA")  . . ;  . . ; Only display ACTIVE Patient Comments  . . S PSOSTATUS=$G(PSODATA(55.17,PSOPC\_","\_PSODFN\_",",2,"I"))  . . I PSOSTATUS'="Y" Q  . . ;  . . S PSODATE1=$G(PSODATA(55.17,PSOPC\_","\_PSODFN\_",",.01,"E"))  . . S PSOUSER=$G(PSODATA(55.17,PSOPC\_","\_PSODFN\_",",1,"E"))  . . S PSOCOMMENT=$G(PSODATA(55.17,PSOPC\_","\_PSODFN\_",",3,"E"))  . . S PSOSTR=PSODATE1\_" - "\_PSOCOMMENT\_" ("\_PSOUSER\_")"  . . S PSOCNT=PSOCNT+1  . . S PSOAR(PSOCNT)=PSOSTR  ;  ; If PSOAR array exists, display Active Patient Comments  I $D(PSOAR) D  . W !?3,"Patient Billing Comment(s):"  . ;  . ; Loop through PSOAR in reverse order to display Patient  . ; Comments in reverse chronological order  . S PSOCNT=""  . F S PSOCNT=$O(PSOAR(PSOCNT),-1) Q:PSOCNT="" D  . . ;  . . ; Use ^DIWP to display Patient Comments with proper  . . ; line breaking  . . N %,DIW,DIWF,DIWI,DIWL,DIWR,DIWT,DIWTC,DIWX,DN,I,Z  . . K ^UTILITY($J,"W")  . . S X=PSOAR(PSOCNT)  . . S DIWL=1  . . S DIWR=78  . . D ^DIWP  . . ;  . . S PSOLAST=0  . . F PSOY=1:1 Q:('$D(^UTILITY($J,"W",1,PSOY,0))) D  . . . S PSOCOM=$G(^UTILITY($J,"W",1,PSOY,0))  . . . W !?3,PSOCOM  . K ^UTILITY($J,"W")  ;  I $G(RRR) D ;added with PSO\*421  . W !!?3,"Reject Resolution Required"  . W !?3,"Gross Amount Due ($"\_$J($P(RRR,U,3)\*100\1/100,0,2)\_") is greater than or equal to"  . W !?3,"Threshold Dollar Amount ($"\_$P(RRR,U,2)\_")"  . W !?3,"Please select Quit to resolve this reject on the Reject Worklist."  DISP2 ;  W !?3,LINE,$C(7) I $G(KEY) W !?3,"Press <RETURN> to continue..." R %:DTIME W !  Q | | | | | | | | |

# Back Out/Rollback Procedure

This story includes modifications to existing routines.

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.