**MCCF EDI TAS US115**

System Design Document



Department of Veterans Affairs

**May 2017**

Version 1.01

**User Story Number:** USRX-198

**User Story Name:** Prevent Label Reprint of Rejected Prescriptions

**Product Backlog ID:** 198

**Backlog Priority:** High

**Initial Sizing Estimate:**

**Rational ID:** tbd

**Rally ID:** US115

# Design – Summary

When the user selects the menu option Reprint an Outpatient Rx Label [PSO RXRPT] or Reprint a non-voided Outpatient Rx Label [PSO SCRIPTALK REPRINT VISTA LB], the user should not be allowed to select a prescription that has an open/unresolved 3rd party payer reject.

List of Components:

* Routine: PSORXRP2

# Design – Detail

A call to $$FIND^PSOREJUT(PSORPRX,PSOFILL) will return ‘1’ if there are any open/unresolved rejects on the prescription selected by the user. The code will default to the most recent fill.

| Subroutine Name | **^PSORXRP2** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US115 | | | | | | | |
| Related Menu Options or ListMan Actions | Reprint an Outpatient Rx Label [PSO RXRPT]  Reprint a non-voided Outpatient Rx Label [PSO SCRIPTALK REPRINT VISTA LB] | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| The two menu options cited above | | | NOW^%DTC, ^DIC, $$GET1^DIQ, ^DIR, ICN^PSODPT, $$MGONFILE^PSOFDAUT, EN^PSOHLSN1, ^PSOLSET, CHK1^PSOUTLA, FSIG^PSOUTLA, EN3^PSOUTLA1, PSOL^PSSLOCK, PSOUL^PSSLOCK, DEM^VADPT, KVA^VADPT,  $$LSTRFL^PSOBPSU1,  $$FIND^PSOREJUT | | | | |
| Related Integration Control Registrations (ICRs) | External references PSOL^PSSLOCK and PSOUL^PSSLOCK supported by DBIA 2789.  External reference ^PS(55 supported by DBIA 2228.  External reference to ^PSDRUG supported by DBIA 221. | | | | | | | |
| 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 | | | | | | | | |
| PSORXRP2 ;BIR/SAB-main menu entry reprint of a Rx label ;10/5/07 7:45am  ;;7.0;OUTPATIENT PHARMACY;\*\*11,27,120,138,135,156,185,280,251,367\*\*;DEC 1997;Build 62  ;External references PSOL and PSOUL^PSSLOCK supported by DBIA 2789  ;External reference ^PS(55 supported by DBIA 2228  ;External reference to ^PSDRUG supported by DBIA 221  I '$D(PSOPAR) D ^PSOLSET I '$D(PSOPAR) G KILL  LRP N PSODISP,PSOMGREP  K REPRINT W !! S DIC("S")="I $P($G(^(0)),""^"",2),$D(^(""STA"")),$P($G(^(""STA"")),""^"")<10",DIC="^PSRX(",DIC("A")="Reprin  t Prescription Label: ",DIC(0)="QEAZ" D ^DIC K P,DIC("A") I Y<0!("^"[X) K PCOM,PCOMX G KILL  S (PPL,DA,RX,PSORPRX)=+Y,PDA=Y(0),RXF=0,ZD(DA)=DT,REPRINT=1,STA=+$G(^PSRX(+Y,"STA"))  D PSOL^PSSLOCK(PSORPRX) I '$G(PSOMSG) W !!,$S($P($G(PSOMSG),"^",2)'="":$P($G(PSOMSG),"^",2),1:"Another person is editing th  is order."),! K PSOMSG G LRP  I $P(^PSRX(RX,"STA"),"^")=14 W $C(7),!,"Cannot Reprint! Discontinued by Provider." D ULR,KILL Q  I $P(^PSRX(RX,"STA"),"^")=15 W $C(7),!,"Cannot Reprint! Discontinued due to editing." D ULR,KILL Q  I $P(^PSRX(RX,"STA"),"^")=16 W $C(7),!,"Cannot Reprint! Placed on HOLD by Provider." D ULR,KILL Q  I DT>$P(^PSRX(RX,2),"^",6) D D ULR,KILL G LRP  .W !,$C(7),"Medication Expired on "\_$E($P(^PSRX(RX,2),"^",6),4,5)\_"-"\_$E($P(^(2),"^",6),6,7)\_"-"\_$E($P(^(2),"^",6),2,3) I $  P(^PSRX(DA,"STA"),"^")<11 S $P(^PSRX(DA,"STA"),"^")=11 D  ..S COMM="Medication Expired on "\_$E($P(^PSRX(RX,2),"^",6),4,5)\_"-"\_$E($P(^(2),"^",6),6,7)\_"-"\_$E($P(^(2),"^",6),2,3) D EN^  PSOHLSN1(DA,"SC","ZE",COMM) K COMM  S DFN=$P(PDA,"^",2) D DEM^VADPT I $P(VADM(6),"^",2)]"" D G LRP  .W $C(7),!!,$P(^DPT($P(PDA,"^",2),0),"^")\_" Died "\_$P(VADM(6),"^",2)\_".",!  .S $P(^PSRX(RX,"STA"),"^")=12,PCOM="Patient Expired "\_$P(VADM(6),"^",2),ST="C" D EN^PSOHLSN1(RX,"OD","",PCOM,"A")  .D ACT1,ULR,KILL  S X=$O(^PS(52.5,"B",DA,0)) I X,'$G(^PS(52.5,X,"P")) W !,$C(7),"Rx may NOT be printed using this option, use SUSPENSE FUNCTI  ONS Options." K X D ULR,KILL G LRP  I $G(X)'>0 G GOOD  S XX=$P($G(^PS(52.5,X,0)),U,7) I $G(XX)']"" G GOOD  I $G(XX)="Q" W !,"RX CAN NOT BE PRINTED using this option, use SUSPENSE FUNCTIONS Options." K X,XX D ULR,KILL G LRP  I $G(XX)="L" W !,"RX is being transmitted to the CMOP and can not be reprinted now." K X,XX D ULR,KILL G LRP  GOOD K X  ... | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| PSORXRP2 ;BIR/SAB-main menu entry reprint of a Rx label ;10/5/07 7:45am  ;;7.0;OUTPATIENT PHARMACY;\*\*11,27,120,138,135,156,185,280,251,367,478\*\*;DEC 1997;Build 62  ;External references PSOL and PSOUL^PSSLOCK supported by DBIA 2789  ;External reference ^PS(55 supported by DBIA 2228  ;External reference to ^PSDRUG supported by DBIA 221  I '$D(PSOPAR) D ^PSOLSET I '$D(PSOPAR) G KILL  LRP N PSODISP,PSOMGREP,PSOFILL  K REPRINT W !! S DIC("S")="I $P($G(^(0)),""^"",2),$D(^(""STA"")),$P($G(^(""STA"")),""^"")<10",DIC="^PSRX(",DIC("A")="Reprin  t Prescription Label: ",DIC(0)="QEAZ" D ^DIC K P,DIC("A") I Y<0!("^"[X) K PCOM,PCOMX G KILL  S (PPL,DA,RX,PSORPRX)=+Y,PDA=Y(0),RXF=0,ZD(DA)=DT,REPRINT=1,STA=+$G(^PSRX(+Y,"STA"))  ; PSO\*7\*478  S PSOFILL=$$LSTRFL^PSOBPSU1(PSORPRX)  I $$FIND^PSOREJUT(PSORPRX,PSOFILL) W $C(7),!,"NOT ALLOWED! Rx has OPEN 3rd Party Payer Reject." D KILL G LRP  D PSOL^PSSLOCK(PSORPRX) I '$G(PSOMSG) W !!,$S($P($G(PSOMSG),"^",2)'="":$P($G(PSOMSG),"^",2),1:"Another person is editing th  is order."),! K PSOMSG G LRP  I $P(^PSRX(RX,"STA"),"^")=14 W $C(7),!,"Cannot Reprint! Discontinued by Provider." D ULR,KILL Q  I $P(^PSRX(RX,"STA"),"^")=15 W $C(7),!,"Cannot Reprint! Discontinued due to editing." D ULR,KILL Q  I $P(^PSRX(RX,"STA"),"^")=16 W $C(7),!,"Cannot Reprint! Placed on HOLD by Provider." D ULR,KILL Q  I DT>$P(^PSRX(RX,2),"^",6) D D ULR,KILL G LRP  .W !,$C(7),"Medication Expired on "\_$E($P(^PSRX(RX,2),"^",6),4,5)\_"-"\_$E($P(^(2),"^",6),6,7)\_"-"\_$E($P(^(2),"^",6),2,3) I $  P(^PSRX(DA,"STA"),"^")<11 S $P(^PSRX(DA,"STA"),"^")=11 D  ..S COMM="Medication Expired on "\_$E($P(^PSRX(RX,2),"^",6),4,5)\_"-"\_$E($P(^(2),"^",6),6,7)\_"-"\_$E($P(^(2),"^",6),2,3) D EN^  PSOHLSN1(DA,"SC","ZE",COMM) K COMM  S DFN=$P(PDA,"^",2) D DEM^VADPT I $P(VADM(6),"^",2)]"" D G LRP  .W $C(7),!!,$P(^DPT($P(PDA,"^",2),0),"^")\_" Died "\_$P(VADM(6),"^",2)\_".",!  .S $P(^PSRX(RX,"STA"),"^")=12,PCOM="Patient Expired "\_$P(VADM(6),"^",2),ST="C" D EN^PSOHLSN1(RX,"OD","",PCOM,"A")  .D ACT1,ULR,KILL  S X=$O(^PS(52.5,"B",DA,0)) I X,'$G(^PS(52.5,X,"P")) W !,$C(7),"Rx may NOT be printed using this option, use SUSPENSE FUNCTI  ONS Options." K X D ULR,KILL G LRP  I $G(X)'>0 G GOOD  S XX=$P($G(^PS(52.5,X,0)),U,7) I $G(XX)']"" G GOOD  I $G(XX)="Q" W !,"RX CAN NOT BE PRINTED using this option, use SUSPENSE FUNCTIONS Options." K X,XX D ULR,KILL G LRP  I $G(XX)="L" W !,"RX is being transmitted to the CMOP and can not be reprinted now." K X,XX D ULR,KILL G LRP  GOOD K X  ... | | | | | | | | |

# Back Out/Rollback Procedure

This story does not include adding or changing data fields in any VistA files, so no rollback of data would be necessary if this enhancement needed to be backed out.

To back out this enhancement, the routine ^PSORXRP2 should be backed up prior to installing this patch. Reverting to the previous version of this routine would back out this enhancement. Alternately, the previous version of this routine could be distributed via an emergen