



OUTPATIENT PHARMACY

TECHNICAL MANUAL/SECURITY GUIDE

Version 7.0
December 1997

(Revised May 2013)

Revision History

Each time this manual is updated, the Title Page lists the new revised date and this page describes the changes. If the Revised Pages column lists “All,” replace the existing manual with the reissued manual. If the Revised Pages column lists individual entries (e.g., 25, 32), either update the existing manual with the Change Pages Document or print the entire new manual.

Date	Revised Pages	Patch Number	Description
05/13	i - iii, 13-14 , 16	PSO*7*391	Added new routine PSOPKIV2 to the list of routines. PSDRPH key added to Security key section. (N. Goyal, PM; J. Owczarzak, Tech Writer)
01/13	i-ii 9 13-14 33-34 & 38-39 53-54	PSO*7*390	Update Revision History Added option Automate Internet Refill that was missed in the manual for PSO*7*264 Add new routines: PSODGAL2, PSODDPR7, PSODDPR8 Add menu option; Check Drug Interaction Added BSA & CrCL to the Glossary (G. Tucker, PM; S. Heiress, Tech Writer)
09/12	i, 15, 30	PSO*7*386	Added description of patch’s new security key PSO TECH ADV and modifications to the HOLD/UNHOLD functionality. (N. Goyal, PM; J. Owczarzak, Tech Writer)
03/12	i, 13-14, 60, 60a-60b, 63	PSO*7*367	Added routine PSOFDAUT. Updated NTE Segment listing. (N. Goyal, PM; B. Thomas, Tech Writer)
03/12	i, 9, 11, 31, 34, 69, 70, 71	PSO*7*354	Added new menu option Enter/Edit Automated Dispensing Devices Updated list of files with file 52.53 Added file 52.53 to file security section Added new menu option Enter/Edit Automated Dispensing Devices Added RXD-13 Dispense-To location (N. Goyal, PM; J. Owczarzak, Tech Writer)
02/12	i-vi, 11 16, 30-31 36, 38-39 58, 60, 63-64	PSO*7*385	Removed "TRICARE" from file 52.87 name Changed name of PSO TRICARE and PSO TRICARE MGR security keys to PSO TRICARE/CHAMPVA and PSO TRICARE/CHAMPVA MGR respectively. Updated ePharmacy Menu with correct menu items Added Advanced Beneficiary Notice Code for ePharmacy Rx in Appendix A references (S. Spence, PM; B. Tomlin, Tech Writer)

Date	Revised Pages	Patch Number	Description
02/12	i, ii, 9, 11, 31, 34, 69, 70, 71	PSO*7*354	Updated list of files with file 52.53 (N. Goyal, PM; J. Owczarzak, Tech Writer)
09/11	i, ii, 5, 13-14	PSO*7*382	Added routine PSOMPHRC. (N. Goyal, PM; J. Owczarzak, Tech Writer)
04/11	i-ii, 13-14	PSO*7*343	Added routine PSOFDAMG. (T. Leggett, PM; B. Thomas, Tech Writer)
04/11	i, 13-14	PSO*7*316	Removed routine PSOQUAP. Documentation released with PSO*7*343. (G. Pickwood, DM; D. Dertien, Tech Writer)
04/11	i-iv 11 13-14 19 23 31 36 & 38 40	PSO*7*251	Updated the Table of Contents. Change the number of files from 24 to 26. Added the following routines per Bill Tatum, developer for PRE: PSO251PO, PSOCPPRE, PSODDPR1, PSODDPR2, PSODDPR3, PSODDPR4, PSODDPR5, PSODDPRE, PSODGAL1, PSODGDGP, PSODOSCL, PSODOSUN, PSODOSUT, PSORROC, PSODOSU2, PSOVRPT. Added information under Callable Routines section. And Removed links and added references under the External Interfaces. Updated the External Relations table Change the number of files from 24 to 26. Changed menu item Process Drug/Drug Interactions to Process Order Checks. Removed heading and information under Routine Mapping. (B. Tatum, Developer, M. Colyvas & S. Heiress, Tech Writer)
11/10	i, ii, 5-6, 11-14, 16, 30-31, 36	PSO*7*358	Update routine list, security keys, file list, and options for the Bypass/Override functionality and added in the TRICARE Active Duty Release. (S. Spence, PM; Jon Bolas, Tech Writer)
06/10	i, 14, 27, 35, 36	PSO*7*348	Added routines PSORLST & PSORLST2; added options Prescription List for Drug Warnings and List of Patients/Prescriptions for Recall Notice in Output Reports menu; (N. Goyal, PM; E. Phelps, Tech Writer)
10/09	13-14	PSO*7*326	Added routine PSOPATLK. (E. Wright, PM; S. B. Scudder, Tech Writer)
08/09	14	PSO*7*320	Added routines PSORMRX, PSORMRXD, and PSORMRXP. (G. Tucker, PM; S. B. Scudder, Tech Writer)
08/09	9, 34	PSO*7*311	Deleted Pharmacy Patient Non-VA Meds Report/Clean-up menu. (A. Scott, PM; T. Dawson, Tech Writer)

Date	Revised Pages	Patch Number	Description
07/09	11, 13-16, 30, 36	PSO*7*289	Added files, routines, and the NDC Validation and ePharmacy Site Parameter options to the list. (M. Anthony, PM; G. O'Connor, S. B. Scudder, Tech Writers)
01/09	13-15, 63	PSO*7*305	Added routine PSOATRFC. Extended the PSOAUTRF security key description. Added the Privacy Notification element to the NTE segment. (G. Tucker, PM; S. B. Scudder, Tech Writer)
08/08	13, 14, 56a-b	PSO*7*225	The following changes are included in this patch. New routines have been added: PSOCAN3N, PSOHLN3, PSOORFI5, PSOORFI6, PSOORFL, PSOORRL3, PSOORRLN, and PSOORRLO. Special Escaping Characters information has been added. (S. Templeton, PM; S. B. Scudder, Tech Writer)
07/08	15	PSO*7*279	Update for the addition of the PSOAUTRF key. (A. Scott, PM; T. Dawson, Tech Writer)
06/08	9, 34	PSO*7*288	Update for the new menu option [Pharmacy Patient Non-VA Meds Report/Clean-up]. (A. Scott, PM, T. Dawson, Tech Writer)
05/08	13-14	PSO*7*294	Update Routine List with routines PSOQ0076, PSOQ0186, PSOQ0236, PSOQ0496, PSOQ0595, PSOQCF04, PSOQMCAL, PSOQRART, PSOQTIU4, PSOQUAP, PSOQUAP2, and PSOQUTIL. (S. Templeton, PM; S. B. Scudder, Tech Writer)
10/07	i-iv, 13-14, 38-43	PSO*7*260	Updated Routine List with routines PSO260PI, PSOBPSR1, PSOBPSRP, PSOBPSU1, PSOBPSU2, PSONVAVW, PSOPMP0, PSOPMP1, PSOPMPPF, and PSOREJP3. Updated menu listing with new ePharmacy menu options. (S. Spence, PM; S. Krakosky, Tech Writer)
10/07	All	PSO*7*264	Re-numbered pages; removed section heading numbering. Updated Routine List with routines PSOATRD, PSOATRF, PSOATRF1, PSOATRP, PSOATRPP, PSOATRR, and PSORESUS. Updated menu listing with new option. (E. Williamson, PM; S. Krakosky, Tech Writer)

FILE #	NAME	UP DATE DD	SEND SEC. CODE	DATA COMES W/FILE	SITE DATA	RSLV PTS	USER OVER RIDE
59.1	OUTPATIENT AMIS DATA	YES	YES	NO			
59.12	OUTPATIENT PHARMACY MANAGEMENT DATA	YES	YES	NO			
59.2	WAITING TIME	YES	YES	NO			
59.3	GROUP DISPLAY	YES	NO	NO			
59.8	OUTPATIENT CLINIC SORT GROUP	YES	YES	NO			

The namespace for the Outpatient Pharmacy V. 7.0 package is PSO.

Routine List

The following routine list for Outpatient Pharmacy appears when the new routine set is loaded. Each routine's first line contains a brief description of the routine's function. Use the First Line Routine Print [XU FIRST LINE PRINT] option to print a list of just the first line of each PSO* routine.

PSO146PS	PSO153PS	PSO251PO	PSO260PI	PSO5241	PSO5252	PSO525AP	PSO5291
PSO52API	PSO52B	PSO52EX	PSO53	PSO55FX2	PSO55FX3	PSO59	PSOADDR
PSOAMIS	PSOAMIS0	PSOAMIS1	PSOARC	PSOARCCO	PSOARCCV	PSOARCODE	PSOARCF1
PSOARCF2	PSOARCF3	PSOARCF4	PSOARCF5	PSOARCF6	PSOARCIN	PSOARCLT	PSOARCR1
PSOARCR2	PSOARCRR	PSOARCS2	PSOARCSV	PSOARCTG	PSOARCTP	PSOARX	PSOARX1
PSOATRD	PSOATRF	PSOATRF1	PSOATRFC	PSOATRP	PSOATRPP	PSOATRR	PSOAUTOC
PSOB	PSOB	PSOB	PSOB	PSOB	PSOB	PSOB	PSOB
PSOBGMG3	PSOBGMGR	PSOBING1	PSOBINGO	PSOBKDE1	PSOBKDED	PSOBMST	PSOBORP0
PSOBORP1	PSOBORP2	PSOBORP3	PSOBPSR1	PSOBPSRP	PSOBPSSP	PSOBPSU1	PSOBPSU2
PSOBPSUT	PSOBRPRT	PSOBSET	PSOBSET1	PSOBUILD	PSOCAN	PSOCAN1	PSOCAN2
PSOCAN3	PSOCAN3N	PSOCAN4	PSOCLERK	PSOCLO1	PSOCLOLS	PSOCLPRE	PSOCLUTL
PSOCMOP	PSOCMOPA	PSOCMOPB	PSOCMOPC	PSOCMOPR	PSOCOPAY	PSOCOST	PSOCOSTP
PSOCP	PSOCP1	PSOCPA	PSOCPB	PSOCPBA2	PSOCPBAK	PSOCPC	PSOCPD
PSOCPDUP	PSOCPE	PSOCPIB	PSOCPPRE	PSOCPTRH	PSOCPTRI	PSOCPVW	PSOCSRL
PSOCST	PSOCST10	PSOCST11	PSOCST12	PSOCST2	PSOCST3	PSOCST4	PSOCST5
PSOCST6	PSOCST7	PSOCST8	PSOCST9	PSOCSTD	PSOCSTM	PSOCSTX	PSODACT
PSODAWUT	PSODDPR1	PSODDPR2	PSODDPR3	PSODDPR4	PSODDPR5	PSODDPR7	PSODDPR8
PSODDPRE	PSODEA	PSODEDT	PSODELI	PSODEM	PSODGAL	PSODGAL1	PSODGAL2
PSODGDG1	PSODGDG2	PSODGDGI	PSODGDGP	PSODGNVI	PSODI	PSODIAG	PSODIR
PSODIR1	PSODIR2	PSODIR3	PSODISP	PSODISP1	PSODISP2	PSODISP3	PSODISPS
PSODIV	PSODLKP	PSODOSCL	PSODOSU2	PSODOSUN	PSODOSUT	PSODP	PSODPT
PSODRDU1	PSODRDU2	PSODRDUP	PSODRG	PSODRGN	PSODSPL	PSODSRC	PSODUE
PSOELPST	PSOEXBCH	PSOEXDT	PSOEXREF	PSOEXRST	PSOFDAMG	PSOFDAUT	PSOFSIG
PSOFTDR	PSOFUNC	PSOHCPRS	PSOHCSUM	PSOHR	PSOHELP	PSOHELP1	PSOHELP2
PSOHELP3	PSOHELP4	PSOHL	PSOHLDA	PSOHLDC	PSOHLDIS	PSOHLDS	PSOHLDS1
PSOHLDS2	PSOHLDS3	PSOHLDS4	PSOHLX	PSOHLXP	PSOHLINC	PSOHLINL	PSOHLNE1
PSOHLNE2	PSOHLNE3	PSOHLNE4	PSOHLNEW	PSOHLPII	PSOHLPII	PSOHLPSIS	PSOHLSG1
PSOHLSG2	PSOHLSG3	PSOHLSG4	PSOHLSG5	PSOHLSIG	PSOHLSIH	PSOHLSN	PSOHLNS1
PSOHLNS2	PSOHLNS3	PSOHLNSC	PSOHLUP	PSOHLUP1	PSOLAB	PSOLBL	PSOLBL1
PSOLBL2	PSOLBL3	PSOLBL4	PSOLBLD	PSOLBLD1	PSOLBLN	PSOLBLN1	PSOLBLN2
PSOLBLS	PSOLBLT	PSOLLL1	PSOLLL2	PSOLLL3	PSOLLL4	PSOLLL5	PSOLLL6
PSOLLL7	PSOLLL8	PSOLLL9	PSOLLLH	PSOLLLHN	PSOLLLI	PSOLLLW	PSOLLU1
PSOLLU2	PSOLLU3	PSOLLU4	PSOLMAL	PSOLMAO	PSOLMDA	PSOLMLST	PSOLMPAT
PSOLMPF	PSOLMPI	PSOLMPO	PSOLMPO1	PSOLMPO2	PSOLMRN	PSOLMUTL	PSOLSET
PSOMAUEX	PSOMGCM1	PSOMGCOM	PSOMGM31	PSOMGMN1	PSOMGMN2	PSOMGMN3	PSOMGMN4
PSOMGMRP	PSOMGR31	PSOMGREP	PSOMGRP1	PSOMGRP2	PSOMGRP3	PSOMGRP4	PSOMHV1
PSOMLLD2	PSOMLLDT	PSON52	PSONCPDP	PSONDCUT	PSONDCV	PSONEW3	PSONEW
PSONEW1	PSONEW2	PSONEWF	PSONEWG	PSONFI	PSONGR	PSONRXN	PSONTEG
PSONTEG0	PSONVAR1	PSONVARP	PSONVAVW	PSONVNEW	PSOORAL	PSOORAL1	PSOORAL2
PSOORAPI	PSOORCPY	PSOORDA	PSOORDER	PSOORDRG	PSOORED1	PSOORED2	PSOORED3
PSOORED4	PSOORED5	PSOORED6	PSOORED7	PSOOREDT	PSOORFI1	PSOORFI2	PSOORFI3
PSOORFI4	PSOORFI5	PSOORFI6	PSOORFIN	PSOORFL	PSOORNE1	PSOORNE2	PSOORNE3
PSOORNE4	PSOORNE5	PSOORNE6	PSOORNEW	PSOORNW1	PSOORNW2	PSOORRD2	PSOORRDI
PSOORRL	PSOORRL1	PSOORRL3	PSOORRLN	PSOORRLO	PSOORRNW	PSOORROC	PSOORUT1
PSOORUT2	PSOORUT3	PSOORUTL	PSOP	PSOP1	PSOP2	PSOPAT	PSOPATLK
PSOPFSU0	PSOPFSU1	PSOPKIV1	PSOPKIV2	PSOPMP0	PSOPMP1	PSOPMPPF	PSOPOLY

PSOPOST	PSOPOST1	PSOPOST2	PSOPOST3	PSOPOST4	PSOPOST5	PSOPOST6	PSOPOST7
PSOPOST8	PSOPRA	PSOPRF	PSOPRFSS	PSOPRI	PSOPRVW	PSOPST68	PSOPTPST
PSOQ0076	PSOQ0186	PSOQ0236	PSOQ0496	PSOQ0595	PSOQCF04	PSOQMCAL	PSOQRART
PSOQTIU4	PSOQUAP2	PSOQUTIL	PSOR52	PSORDS	PSOREF	PSOREF0	PSOREF1
PSOREF2	PSOREJP0	PSOREJP1	PSOREJP2	PSOREJP3	PSOREJP4	PSOREJU1	PSOREJU2
PSOREJU3	PSOREJU4	PSOREJUT	PSORELD1	PSORELDT	PSORENW	PSORENW0	PSORENW1
PSORENW2	PSORENW3	PSORENW4	PSORES	PSORES1	PSORESUS	PSORFL	PSORLST
PSORLST2	PSORMRX	PSORMRXD	PSORMRXP	PSORN52	PSORN52A	PSORN52C	PSORN52D
PSORPTS	PSORPTS1	PSORX1	PSORXCLE	PSORXDL	PSORXED	PSORXED1	PSORXEDT
PSORXI	PSORXL	PSORXL1	PSORXLAB	PSORXPA1	PSORXPR	PSORXPR1	PSORXRP1
PSORXRP2	PSORXRPT	PSORXVW	PSORXVW1	PSORXVW2	PSOSD	PSOSD0	PSOSD1
PSOSD2	PSOSD3	PSOSDP	PSOSIG	PSOSIGCX	PSOSIGDS	PSOSIGMX	PSOSIGNO
PSOSIGTX	PSOSITED	PSOSPSIG	PSOSTART	PSOSUBCH	PSOSUCH1	PSOSUCHG	PSOSUCLE
PSOSUDCN	PSOSUDEL	PSOSUDP1	PSOSUDP2	PSOSUDPR	PSOSUINV	PSOSULB1	PSOSULBL
PSOSUP	PSOSUPAT	PSOSUPOE	PSOSUPRX	PSOSURST	PSOSUSTR	PSOSUSRP	PSOSUTL
PSOSULOG	PSOSUTL1	PSOTALK	PSOTALK1	PSOTALK2	PSOTALK3	PSOTPCAN	PSOTPCEE
PSOTPCL	PSOTPCLP	PSOTPCLR	PSOTPCLW	PSOTPCR	PSOTPCR	PSOTPCUL	PSOTPEN
PSOTPHL1	PSOTPHL2	PSOTPPOS	PSOTPPRE	PSOTPPRV	PSOTPRX1	PSOTRI	PSOTRLBL
PSOUTIL	PSOUTL	PSOUTLA	PSOUTLA1	PSOVCNT	PSOVDF1	PSOVDF2	PSOVDF3
PSOVDFK	PSOVER	PSOVER1	PSOVER2	PSOVERC	PSOVRPT		

Exported Options

Menu Assignments

Unless menus have already been assigned, the *Outpatient Pharmacy Manager* [PSO MANAGER] menu should be assigned to the Package Coordinator for Outpatient Pharmacy. It should also be added to the menu of the Site Manager and any ADP/IRMS staff that the Package Coordinator selects to help in the operation of Outpatient Pharmacy. The *Pharmacist Menu* [PSO USER1] option should be assigned to all pharmacists and the *Pharmacy Technician's Menu* [PSO USER2] option should be assigned to all pharmacy technicians and other pharmacy personnel who may view prescriptions and/or inquire into other Outpatient Pharmacy V. 7.0 files.

Security Keys

PROVIDER	Holders of this key will be prompted for ICD-9 Diagnosis code entry.
PSORPH	This key is required to use all of the Outpatient Pharmacy V. 7.0 options. It should be assigned to all pharmacists, the package coordinator, and all appropriate members of the ADP/IRMS staff.
PSO TECH ADV	This security key is used by pharmacy technicians to HOLD and UNHOLD prescriptions using a subset of the HOLD reasons available to PSORPH key holders.
PSO COPAY	This key is used to identify users to notify when a copay exemption cannot be determined at the time a prescription fill is released. Holders of this key are also notified any time the <i>Exempt Rx Patient Status from Copayment</i> [PSOCP EXEMPTION] option is used to change the copay exemption for an Rx Patient Status.
PSO REJECTS BACKGROUND MESSAGE	When prescriptions remain on the Third Party Payer Reject - Worklist over the specified number of days, the system will send a Mailman Message to holders of this key.
PSOA PURGE	NOTE: <i>Disabled until further notice.</i> This key should be assigned to the package coordinator and/or any person who will be responsible for archiving prescriptions.
PSOLOCKCLOZ	This key is used to override the lockouts in the Clozapine options. All members of the Clozapine treatment team must be entered as users on the system and must be given this key. All pharmacists who have the ability to override the lockouts in this option must also hold this key. The Pharmacy Service representative of the

Clozapine treatment team should identify these pharmacists.

PSOINTERFACE	This key is used to access the <i>External Interface Menu</i> [PSO EXTERNAL INTERFACE] option.
PSOAUTRF	This key allows the use of the Automate Internet Refill functionality and the Automate CPRS Refill functionality.
PSO TRICARE/CHAMPVA	This key is required to be able to do an override on TRICARE or CHAMPVA prescription.
PSO TRICARE/CHAMPVA MGR	This key is required to access the <i>TRICARE CHAMPVA Bypass/Override Report</i> [PSO TRI CVA OVERRIDE REPORT] option
PSDRPH	Introduced by the Controlled Substances patch PSD*3*76. This key authorizes pharmacists to finish/verify a digitally signed Schedule II-V CS orders placed via CPRS.

Package Security

Electronic signatures may be established by using the *Electronic Signature code Edit* [XUSESIG] option.

In Kernel V. 8.0 the *Electronic Signature code Edit* [XUSESIG] option has been tied to the Common Options, under the *User's Toolbox* [XUSERTOOLS] submenu, for easy access by all users.