



# **OUTPATIENT PHARMACY**

## **TECHNICAL MANUAL/SECURITY GUIDE**

Version 7.0  
December 1997

(Revised June 2010)



## 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
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	<a href="#">13-14</a>	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)
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 PSOATR 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 PSOATR 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)

Date	Revised Pages	Patch Number	Description
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)

# 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	PSO260PI	PSO5241	PSO5252	PSO525AP	PSO5291	PSO52API
PSO52B	PSO52EX	PSO53	PSO55FX2	PSO55FX3	PSO59	PSOADDR	PSOAMIS
PSOAMIS0	PSOAMIS1	PSOARC	PSOARCCO	PSOARCCV	PSOARCDE	PSOARCF1	PSOARCF2
PSOARCF3	PSOARCF4	PSOARCF5	PSOARCF6	PSOARCIN	PSOARCLT	PSOARCR1	PSOARCR2
PSOARCRR	PSOARCS2	PSOARCSV	PSOARCTG	PSOARCTP	PSOARX	PSOARX1	PSOATRD
PSOATRF	PSOATRF1	PSOATRFC	PSOATRP	PSOATRPP	PSOATRR	PSOAUOC	PSOB
PSOBAI	PSOBAIR2	PSOBAIRP	PSOBARV	PSOBBBC	PSOBGMG1	PSOBGMG2	PSOBGMG3
PSOBGMGR	PSOBING1	PSOBINGO	PSOBKDE1	PSOBKDED	PSOBMST	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	PSOCPPE	PSOCPPIB	PSOCPTRH	PSOCPTRI
PSOCPVW	PSOCSRL	PSOCST	PSOCST10	PSOCST11	PSOCST12	PSOCST2	PSOCST3
PSOCST4	PSOCST5	PSOCST6	PSOCST7	PSOCST8	PSOCST9	PSOCSTD	PSOCSTM
PSOCSTX	PSODACT	PSODAWUT	PSODEA	PSODEDT	PSODELI	PSODEM	PSODGAL
PSODGDG1	PSODGDG2	PSODGDGI	PSODGNVI	PSODI	PSODIAG	PSODIR	PSODIR1
PSODIR2	PSODIR3	PSODISP	PSODISP1	PSODISP2	PSODISP3	PSODISPS	PSODIV
PSODLKP	PSODP	PSODPT	PSODRDU1	PSODRDU2	PSODRDUP	PSODRG	PSODRGN
PSODSPL	PSODSRC	PSODUE	PSOELPST	PSOEXBCH	PSOEXDT	PSOEXREF	PSOEXRST
PSOFSIG	PSOFTDR	PSOFUNC	PSOHCPRS	PSOHCSUM	PSOHR	PSOHELP	PSOHELP1
PSOHELP2	PSOHELP3	PSOHELP4	PSOHL	PSOHLDA	PSOHLDC	PSOHLDIS	PSOHLDS
PSOHLDS1	PSOHLDS2	PSOHLDS3	PSOHLDS4	PSOHLXEC	PSOHLXP	PSOHLINC	PSOHLINL
PSOHLNE1	PSOHLNE2	PSOHLNE3	PSOHLNE4	PSOHLNEW	PSOHLPII	PSOHLPII	PSOHLPII
PSOHLSG1	PSOHLSG2	PSOHLSG3	PSOHLSG4	PSOHLSG5	PSOHLSIG	PSOHLSIH	PSOHLSN
PSOHLSN1	PSOHLSN2	PSOHLSN3	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	PSOLLMAL	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	PSONNEW3
PSONNEW	PSONNEW1	PSONNEW2	PSONNEWF	PSONNEWG	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	PSOORUT1
PSOORUT2	PSOORUT3	PSOORUTL	PSOP	PSOP1	PSOP2	PSOPAT	PSOPATLK
PSOPFSU0	PSOPFSU1	PSOPKIV1	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
PSOQUAP	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	PSORESK	PSORESK1	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
PSOSULOG	PSOSUP	PSOSUPAT	PSOSUPOE	PSOSUPRX	PSOSUSTR	PSOSUSRP	PSOSUTL
PSOSUTL1	PSOTALK	PSOTALK1	PSOTALK2	PSOTALK3	PSOTPCAN	PSOTPCEE	PSOTPCL
PSOTPCLP	PSOTPCLR	PSOTPCLW	PSOTPCR	PSOTPCR	PSOTPCUL	PSOTPEN	PSOTPHL1
PSOTPHL2	PSOTPP	PSOTPPRE	PSOTPPRV	PSOTPRX1	PSOTRLBL	PSOUTIL	PSOUTL
PSOUTLA	PSOUTLA1	PSOVCNT	PSOVDF1	PSOVDF2	PSOVDF3	PSOVDFK	PSOVER
PSOVER1	PSOVER2	PSOVERC					

# Templates

<b>Sort</b>	<b>File</b>
PSO COST STAT	50.9
PSO BBWAIT SORT	52.11
PSO DRUG LIST	50
PSO DRUG WARNINGS	52
PSO HOLD LIST	52
PSO INTERVENTIONS	9009032.4
PSO NARC LIST	52
PSOUPAT	52
<b>Input</b>	<b>File</b>
PSO CLOZDRUG	50
PSO DISPLAY EDIT	59.3
PSO INTERACT	56
PSO INTERVENTION EDIT	9009032.4
PSO INTERVENTION NEW	9009032.4
PSO OUTPT	2
PSO OUTPTA	2
PSO PARTIAL	52
PSO SITE	59
PSOD DUE BUILD QUESTIONNAIRE	50.073
PSOD DUE EDIT	50.0731
<b>Print</b>	<b>File</b>
PSO ACTION PROFILE	44
PSO ACTION PROFILE #2	44
PSO ALPHA DRUG LIST	50
PSO BBWAIT PRINT	52.11
PSO COST STAT	50.9
PSO DRUG LIST	50
PSO DRUG WARNINGS	52
PSO DRUG WARNINGS HEADER	52
PSO HOLD	52
PSO INACTIVE DRUG LIST	50
PSO INTERVENTIONS	9009032.4
PSO N/F LIST	50
PSO NARC LIST	52
PSO PHARMACY STATS	50.9
PSO REQUEST STATISTICS	50.9
PSO SUSPENSE LIST	52.5
PSO SYNONYM LIST	50

PSOD PRINT ANSWER SHEET	50.0731
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## Output Reports ...

- Action Profile (132 COLUMN PRINTOUT)
- Alpha Drug List and Synonyms
- AMIS Report
- Bad Address Reporting Main Menu ...
  - Bad Address Suspended List
  - List Prescriptions Not Mailed
- CMOP Controlled Substance Rxs Dispense Report
- Commonly Dispensed Drugs
- Cost Analysis Reports ...
  - Clinic Costs
  - Division Costs by Drug
  - Drug Costs
  - Drug Costs by Division
  - Drug Costs by Division by Provider
  - Drug Costs by Provider
  - High Cost Rx Report
  - Patient Status Costs
  - Pharmacy Cost Statistics Menu ...
    - Pharmacy Statistics
    - Sort Statistics By Division
  - Provider by Drug Costs
  - Provider Costs
  - Request Statistics
- Daily AMIS Report
- Drug List By Synonym
- Free Text Dosage Report
- Inactive Drug List
- Internet Refill Report
- List of Patients/Prescriptions for Recall Notice
- List Prescriptions on Hold
- Management Reports Menu ...
  - Daily Management Report Menu ...
    - All Reports
    - Cost of Prescriptions
    - Count of Prescriptions
    - Intravenous Admixture
    - Type of Prescriptions Filled
  - Date Range Recompile Data
  - Initialize Daily Compile
  - Monthly Management Report Menu ...
    - All Reports
    - Cost of Prescriptions
    - Count of Prescriptions
    - Intravenous Admixture
    - Type of Prescriptions Filled

- One Day Recompile Data
- Purge Data
- Medication Profile
- Monthly Drug Cost
- Narcotic Prescription List
- Non-Formulary List
- Non-VA Meds Usage Report
- Poly Pharmacy Report
- Prescription List for Drug Warnings
- Released and Unreleased Prescription Report
- Pharmacy Intervention Menu ...**
  - Enter Pharmacy Intervention
  - Edit Pharmacy Intervention
  - Print Pharmacy Intervention
  - Delete Intervention
  - View Intervention
- Process Drug/Drug Interactions**
- Release Medication**
- Return Medication to Stock**
- Rx (Prescriptions) ...**
  - Patient Prescription Processing
  - Barcode Rx Menu ...
    - Barcode Batch Prescription Entry
    - Check Quality of Barcode
    - Process Internet Refills
  - Complete Orders from OERR
  - Discontinue Prescription(s)
  - Edit Prescriptions
  - ePharmacy Menu ...
    - Ignored Rejects Report
    - ePharmacy Medication Profile (View Only)
    - ePharmacy Medication Profile Division Preferences
    - Third Party Payer Rejects - View/Process
    - Third Party Payer Rejects – Worklist
    - NDC Validation
    - ePharmacy Site Parameters
  - List One Patient’s Archived Rx’s
  - Manual Print of Multi-Rx Forms
  - Reprint an Outpatient Rx Label
  - Signature Log Reprint
  - View Prescriptions