



OUTPATIENT PHARMACY

TECHNICAL MANUAL/SECURITY GUIDE

Version 7.0
December 1997

(Revised August 2008)

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
08/08	13, 14, 56a-b	PSO*7*225	The following changes are included in this patch. New routines have been added: PSOCAN3N, PSOHLSN3, 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)

(This page included for two-sided copying.)

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	PSOATRP	PSOATRPP	PSOATTR	PSOAUTOC	PSOB	PSOBAI
PSOBAIR2	PSOBAIRP	PSOBARV	PSOBBC	PSOBGMG1	PSOBGMG2	PSOBGMG3	PSOBGMGR
PSOBING1	PSOBINGO	PSOBKDE1	PSOBKDED	PSOBMST	PSOBPSR1	PSOBPSRP	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	PSOCP
PSOCPD	PSOCPDUP	PSOCPPE	PSOCPIB	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	PSOHDR	PSOHELP	PSOHELP1	PSOHELP2	PSOHELP3
PSOHELP4	PSOHLDA	PSOHLDA	PSOHLDC	PSOHLDIS	PSOHLDS	PSOHLDS1	PSOHLDS2
PSOHLDS3	PSOHLDS4	PSOHLXEC	PSOHLXEP	PSOHLINC	PSOHLINL	PSOHLNE1	PSOHLNE2
PSOHLNE3	PSOHLNE4	PSOHLNEW	PSOHLPII	PSOHLPIIS	PSOHLSG	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	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	PSO52	PSONCPDP	PSONDCUT	PSONEW	PSONEW1	PSONEW2	PSONEW3
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	PSOORED8	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	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	PSOQTU4	PSOQUAP	PSOQUAP2	PSOQUTIL	PSOR52

PSORDS	PSOREF	PSOREF0	PSOREF1	PSOREF2	PSOREJP0	PSOREJP1	PSOREJP2
PSOREJP3	PSOREJU1	PSOREJU2	PSOREJUT	PSORELD1	PSORELDT	PSORENW	PSORENW0
PSORENW1	PSORENW2	PSORENW3	PSORENW4	PSORES	PSORES1	PSORESUS	PSORFL
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	PSOSURST	PSOSUSRP	PSOSUTL	PSOSUTL1	PSOTALK	PSOTALK1	PSOTALK2
PSOTALK3	PSOTPCAN	PSOTPCEE	PSOTPCL	PSOTPCLP	PSOTPCLR	PSOTPCLW	PSOTPCR
PSOTPCR	PSOTPCUL	PSOTPENV	PSOTPHL1	PSOTPHL2	PSOTPPPOS	PSOTPPRE	PSOTPPRV
PSOTPRX1	PSOTRLBL	PSOUTIL	PSOUTL	PSOUTLA	PSOUTLA1	PSOVCNT	PSOVDF1
PSOVDF2	PSOVDF3	PSOVDFK	PSOVER	PSOVER1	PSOVER2	PSOVERC	PSOVRPT
PSOVWI							

Special Escaping Characters

Standard HL7 field delimiters represented by the “~ , & , |” (tilde, ampersand, pipe) characters, as well as the commonly used VistA “^” (caret), are sometimes needed by users of Outpatient Pharmacy in various fields to provide complete information about a patient or order. The use of these characters can cause sending and receiving software to format HL7 messages incorrectly, and/or construct/deconstruct the information incorrectly. Data loss can also occur if data is truncated at one of the special delimiter characters.

The following fields require special escaping characters.

- Dosage Ordered field – RXE segment / piece 1 / subpiece 1
- Schedule field – RXE segment / piece 1 /subpiece 2
- VA Product Name field – RXE segment / piece 2 / subpiece 2
- Generic drug name field – RXE segment / piece 2 / subpiece 6
- Units name field – RXE segment / piece 5 / subpiece 5
- Dose Form name field – RXE segment / piece 6 / subpiece 5
- Provider Comments field – NTE 6 segment / piece 3
- Expanded Patient Sig field – NTE 7 segment / piece 3
- Front Door Sig field – NTE 21 segment / piece 3
- Back Door Sig field – NTE 21 segment / piece 3

(This page included for double-sided copying.)