



Pharmacy Re-Engineering (PRE)

Application Program Interface (API) Manual

Version 1.0
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Revision History

Each time this manual is updated, the Title Page lists the new revised date and this page describes the changes. No Change Pages document is created for this manual. Replace any previous copy with this updated version.

Date	Revised Pages	Patch Number	Description
01/10	47	PSO*7*339	Updated description for API RX^PSO52API (pg. 47) G. Werner
02/09	All pages	PSN*4*169	For API PSNAPIS added component OVERRIDE for ICR #2531. Updated Active APIs List , National Drug file table and added OVERRIDE output description . Unrelated to the patch, corrected typo in second piece of component DCLCODE description (from p1 to p3). V. Howell, G. Tucker
10/08	All pages	PSN*4*157	Updated Acronyms list. For API PSNDI components DIC and IX added supported files and noted that DIC("S") is killed upon entry. Updated the Inactivation Date Screening logic to use the VUID Inactivation Date if the file is standardized; otherwise the VistA Inactivation Date is used. For consistency with the PSNDI changes, the PSSDI documentation was updated to clarify that the: <ul style="list-style-type: none"> - API PSSDI components DIC, DO, MIX, EN, and FNAME added supported files and subfiles. - PSSVACL parameter is limited to only DRUG file (#50) calls in DIC and MIX. Noted that DIC("S") is killed upon entry in components DIC and MIX. - PSSFILE input parameter for the EN component of PSSDI also accepts subfile numbers. Clarified in the DIC and MIX components of the PSSDI API that certain variables that can be passed by reference are killed in the API, thereby killing those variables for the calling application. Clarified headers for the PSNDI and PSSDI API components. V. Howell, S. B. Scudder (A. Vargas, R. Ruzbacki), R Hardy, G. Tucker

Date	Revised Pages	Patch Number	Description
08/07	All Pages	PSO*7*273	<p>Updated the Output text of the PSS Component of the PSO59 API OUTPATIENT SITE file (#59) to include NCPDP Number. Noted that exact text entry in PSOTXT required for data retrieval. Also noted that the PSO59 routine will no longer return the ^TMP(\$J,LIST,PSOIEN,2) node.</p> <p>Updated Active API table to include ICRs to be retired per Encapsulation 1 and 2 Heads Up messages.</p> <p>Updated API lists for PSN, PSO, PSJ and PSS to reflect ICRs activated since Encapsulation 1 and 2.</p> <p>V. Howell, (A Vargas, B. Tatum), J Caudullo</p>
07/07	122	PSS*1*88	<p>Updated PSS51P2 to include output for new INJECTION SITE PROMPT field (#8) in the MEDICATION ROUTES file (#51.2).</p> <p>(R. Singer, PM, E. Phelps, Tech Writer)</p>
06/07	All Pages	PSJ*5*172 PSO*7*267	<p>For PSJ*5*172: Removed PSJ53P1 API, Component PSJ from PSJ59P5 API – IV ROOM file (#59.5) and returned it to its proper place in the API manual PSJ53P1 API – NON-VERIFIED ORDERS file (#53.1).</p> <p>For PSO*7*267: Added DBS to the <i>Acronyms</i> table.</p> <p>In the <i>Active API</i> table, for PSO52EX added ARXREF with ICR 4902 and for PSODI API added Component GET1 with ICR 4858.</p> <p>In the <i>Outpatient Pharmacy Active API</i> table, added Component GET1^DIQ for ICR 4858.</p> <p>In the <i>Outpatient Pharmacy Active API</i> table, added Component ARXREF^PSO52EX with ICR 4902.</p> <p>In the Outpatient Pharmacy section made following updates:</p> <ul style="list-style-type: none"> - PSO5291 API – TPB ELIGIBILITY file (#52.91), added note related to use of "??" in the "Where" paragraph. - PSO52EX API – PRESCRIPTION file (#52), added Component ARXREF. - PSO59 API – OUTPATIENT SITE file (#59), updated the input PSOTXT for Component PSS to include the following statement: (a value of "??" may be used). - Added Component GET1 to PSODI API – FileMan Calls. <p>In Pharmacy Data Management (PDM) section, within PSS59P7 API – PHARMACY SYSTEM file (#59.7, added note related to use of "??" in the "Where" paragraph.</p> <p>Put all API detail in alphabetical order.</p> <p>J. Nemetz, (T. Sabat, A. Vargas), J. Caudullo</p>

Date	Revised Pages	Patch Number	Description
02/07	All Pages	PSS*1*118 PSO*7*252	<p>Encapsulation Cycle II follow-up patches #6 (PSS*1*118) and #7 (PSO*7*252).</p> <p>For PSS*1*118: Updated PSS55 API – Added additional output for the components PSS431, PSS432, PSS433, PSS435, and PSS436. Updated PSS51P2 – Corrected unchecked code error left over from patch PSS*1.0*112. Updated PSS51P1 – Added additional output and introduced a new parameter for component AP.</p> <p>For PSO*7*252: Added PSO52EX and its component to the <i>Active API</i> table and for ICR #4902, added EXTRACT^PSO52EX and REF^PSO52EX to the <i>Outpatient Pharmacy Active API</i> table. For PSO52API, updated component RX to ICD output.</p> <p>Put all API detail in alphabetical order.</p> <p>J. Nemetz, (T. Sabat, A. Vargas), J. Caudullo</p>
02/07	i-iv, 53	PSO*7*254	<p>For HIPAA NPI patch PSO*7*254, updated the Output text of the PSS Component of the PSO59 API OUTPATIENT SITE file (#59) to include NPI INSTITUTION.</p>
10/06	All Pages	PSS*1*112 PSO*7*245	<p>Encapsulation Cycle II follow-up patches #4 (PSS*1*112) and #5 (PSO*7*245). For PSS*1*112: Added the API PSS55MIS and its components to the <i>Active API</i> table and for ICR #2191, added CLINIC^PSS55MIS and STATUS^PSS55MIS to the <i>Pharmacy Data Management Active API</i> table.</p> <p>For PSO*7*245: Added the API PSODI and its components to the <i>Active API</i> table and for ICR #4858, added DIQ^PSODI, STATUS^PSODI, and DIC^PSODI to the <i>Outpatient Pharmacy Active API</i> table.</p> <p>Put all API detail in alphabetical order.</p> <p>Corrected Output description for PSO53 API – RX PATIENT STATUS file (#53).</p> <p>J. Nemetz, (T. Sabat, A. Vargas), J. Caudullo</p>

Date	Revised Pages	Patch Number	Description
09/06	All Pages	PSS*1*108 PSJ*5*172 PSX*2*61	<p>Encapsulation Cycle II follow-up patches #3. Added the PSJ53P1 API, the component WRT of the PSJ59P5 API and component PSSDQ of the PSS51P1 API. Updated the <i>Active API</i> table and the <i>Inpatient Medications API</i> table and <i>Pharmacy Data Management API</i> table with these additions. Updated component PSS of the PSS59P7 API and component DIC of the PSSDI API. Added PSX550 API. Updated PSS55 API components PSS431, PSS432, PSS435, and PSS436. For ICR #4531, made NAME component of PSN50P41 active. Put all API detail in alphabetical order. Regenerated the Table of Contents section. Reconstructed the Index section.</p> <p>L Woodson, J. Nemetz, (D. Blocker), H. Whitley</p>
06/06	All Pages	PSS*1*106	<p>Encapsulation Cycle II follow-up patch #2. Added field numbers to the <i>NDF API</i> table and to the corresponding API detail. Changed the justification for the package API tables from centered to left justified. Added the PSS781 API and its components PSS and WRT to the <i>Active API</i> table, the <i>PDM API</i> table and to the PDM API detail documentation.</p> <p>L Woodson, (D. Blocker), H. Whitley</p>

Date	Revised Pages	Patch Number	Description
02/06	All pages	PSO*7*229 PSS*1*104 PSN*4*109	<p>Encapsulation Cycle II follow-up patches. Added descriptions to each API detail documentation. Updated detail information for the APIs PSO525AP, PSO59, and PSO52API.</p> <p>Added the PSN5067 API, component FNAME to the PSSDI API, and component ZERO to the PSS50P7 API. Removed component FNAME of the PSS50 API. Updated the <i>Active API</i> table with these additions and deletion.</p> <p>Added PSNDATE INPUT parameter to the DIC^PSNDI and IX^PSNDI components.</p> <p>Added PSSSCRDT and PSSSCRUS input parameters to DIC^PSSDI component.</p> <p>Added PSSDATE and PSSUSAGE input parameters to MIX^PSSDI component.</p> <p>Added a note for the input value PSSVAL to NDC^PSS50.</p> <p>Added Service Code information and notes to components DATA^PSN50P68 and DATA^PSS50.</p> <p>Generated new Table of Contents and Index.</p> <p>L Woodson, (S. Brown, D. Blocker, R. Ruzbacki, M. Vo), H. Whitley</p>
11/05	All pages	PSO*7*213 PSS*1*101 PSJ*5*163	<p>Encapsulation Cycle II. Updated the <i>Active APIs</i> table with the Routines PSJ59P5, PSO5241, PSO525AP, PSO5252, PSO5291, PSO52API, PSO53, PSO59, PSS55, and PSS59P7. Added these routines to their respective sections. Renumbered pages due to the insertion of these routines and their components. Updated the Table of Contents and Index (List of File Numbers and Names).</p> <p>L. Woodson, (S. Brown, D. Blocker), H. Whitley</p>

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Introduction

To meet the current and future business needs of the Department of Veterans Affairs (VA) Pharmacy, and to support the overall architecture planned for HealthVet VistA, the existing pharmacy software modules are being re-engineered through new development and the purchase of commercial off-the-shelf products (COTS).

Transition to the new Pharmacy Re-Engineered system eliminates the VistA Pharmacy files currently referenced. Therefore, all existing references (direct global reads/writes, VA FileMan reads/writes) to all pharmacy application files must be replaced with Application Programmer Interfaces (APIs).

This *Pharmacy Re-Engineering (PRE) Application Program Interface (API) Manual* is designed to document the APIs provided by the Pharmacy suite of applications consisting of the following:

- National Drug File (NDF)
- Bar Code Medication Administration (BCMA)
- Outpatient Pharmacy (OP)
- Inpatient Medications (IPM) – Unit Dose and IV
- Inpatient Pharmacy Automatic Replenishment/Ward Stock (AR/WS)
- Controlled Substances (CS)
- Drug Accountability (DA)
- Consolidated Mail Outpatient Pharmacy (CMOP)
- Pharmacy Data Management (PDM)
- Pharmacy Benefits Management (PBM)
- Pharmacy Prescription Practices (PPP)

The plan is to encapsulate in two cycles. Encapsulation Cycle 1 focuses on APIs for National Drug File (NDF) and Pharmacy Data Management (PDM), and only APIs for these two packages will be released as part of Cycle 1. The one active (supported) API for Outpatient Pharmacy that existed prior to encapsulation is also included.


A table of all currently active Pharmacy APIs can be found following the Interfaces section. Each application has a section that begins with a list of all the associated active (supported) and inactive APIs.

If you need the use of an API that has not yet been made active, please email the Pharmacy Re-Engineering team at VHA OI SDD PHARM REENG DEV.

Intended Audience

The intended audiences for this document are Provider Systems, Health Systems Design and Development (HSD&D) staff, National VistA support staff, and Software Quality Assurance (SQA) staff.

Document Conventions

Convention	Description
Field Names	Field names are written in the format: FIELD NAME (FILE NUMBER, FIELD NUMBER) and sometimes as IEN(FILE NUMBER).
Status	Active indicates the supported API has been made active with a Forum ICR. Inactive indicates the supported API has not yet been made Active with a Forum ICR.
	The pointing hand refers to Notes addressed to the reader.

Acronyms and Definitions

Acronyms

Acronym	Definition
API	Application Program Interface
AR/WS	Inpatient Pharmacy Automatic Replenishment/Ward Stock (namespace PSGW)
BCMA	Bar Code Medication Administration (namespace PSB)
CMOP	Consolidated Mail Outpatient Pharmacy (namespace PSX)
CS	Controlled Substances (namespace PSD)
DA	Drug Accountability/Inventory Interface (namespace PSA)
DBS	Database Server
EVS	Enterprise VistA Support
HSD&D	Health Systems Design and Development
ICR	Integration Control Registration
IEN	Internal Entry Number
IPM	Inpatient Medications – Unit Dose and IV (namespace PSJ, PSG, and PSIV)
MUMPS	Massachusetts General Hospital Utility Multi-Programming System
NDF	National Drug File (namespace PSN)
OP	Outpatient Pharmacy (namespace PSO)
PBM	Pharmacy Benefits Management (namespace PSU)
PDM	Pharmacy Data Management (namespace PSS)
PPP	Pharmacy Prescription Practices (namespace PPP)
PRE	Pharmacy Re-Engineering
SQA	Software Quality Assurance
SRS	Software Requirements Specification
VA	Department of Veterans Affairs
VistA	Veterans Health Information Systems and Technology Architecture
VMS	Virtual Memory System
VUID	Veterans Health Administration Unique Identifier

Definitions

Term	Definition
Encapsulation	Encapsulation provides a form of “logical data independence.” We can change the implementation of a type without changing any of the programs using that type. Therefore, the application programs are protected from implementation changes in the lower layers of the system.
HealtheVet VistA	HealtheVet VistA is a collection of information systems, technologies and standards strategically designed to support patients, providers and administrators in the Department of Veterans Affairs’ current and future health system.

Interfaces

User Interfaces

The APIs are used by all VistA applications that currently reference, via direct global reads/writes or VA FileMan reads/writes to, PDM and NDF application files. This enables other VistA applications uninterrupted access to pharmacy data during and after the transition to the Pharmacy Re-Engineered system.

Software Interfaces

The following software must be running to support the Pharmacy APIs.

- Kernel V. 8.0
- VA FileMan V. 22.0
- MailMan V. 8.0
- Pharmacy Data Management (PDM) V. 1.0
- National Drug File (NDF) V. 4.0
- Outpatient Pharmacy V. 7.0
- Inpatient Medications V. 5.0

Hardware Interfaces

The APIs run on standard hardware platforms used by the Department of Veterans Affairs Healthcare facilities. These systems consist of standard or upgraded Alpha AXP clusters and run Cache NT or Cache VMS.

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Active APIs

The following table lists the APIs that are active as of the release of this manual. If you need the use of an API that has not yet been made active, please email the Pharmacy Re-Engineering team using the Outlook mail group VHA OI SDD PHARM REENG DEV.

Active APIs and Their Components	New ICR #	Old ICR #
PSJ53P1		
PSJ	4537	534, 2907
PSJ59P5		
ALL	4819	1884
WRT	4819	1884
PSN5067		
ALL	4829	2221
PSN50P41		
B	4531	2196
NAME	4531	N/A
ZERO	4531	149 (149-A)
PSN50P6		
ROOT	4540	N/A
ZERO	4540	302 (302-B), 2016, 2394, 3111, 209, 149 (149-B)
PSN50P65		
C	4543	2393, 149 (149-C)
IEN	4543	2472, 2473
ROOT	4543	N/A
PSN50P68		
DATA	4545	3735
PSNAPIS		
B	2531	N/A
CIRN	2531	N/A
CIRN2	2574	N/A
CLASS	2531	N/A
CLASS2	2574	N/A
CLIST	2574	N/A
CMOP	2574	N/A
CPRS	2531	N/A

Active APIs and Their Components	New ICR #	Old ICR #
PSNAPIS (continued)		
DCLASS	2531	N/A
DCLCODE	2531	N/A
DDIEX	2574	N/A
DFSU	2531	N/A
DRUG	2531	N/A
DSS	2531	N/A
FORMI	2574	N/A
FORMR	2574	N/A
FORMRX	2574	N/A
OVERRIDE	2531	N/A
PROD0	2531	N/A
PROD2	2531	N/A
PSA	2531	N/A
PSJDF	2531	N/A
PSJING	2531	N/A
PSJST	2531	N/A
PSPT	2531	N/A
T	2531	N/A
TGTOG	2574	N/A
TGTOG2	2574	N/A
TTOG	2574	N/A
VAGN	2531	N/A
VAP	2531	N/A
PSNDI		
DIC	4554	149 (149-A), (149-C), 618
IX	4554	149 (149-C)
PSO5241		
PEN	4821	2906
PSO5252		
EN	4823	782
PSO525AP		
SUS	4822	786, 4703

Active APIs and Their Components	New ICR #	Old ICR #
PSO5291		
PSO	4824	4223
PSO52API		
PROF	4820	920
RX	4820	53, 90, 523, 591, 678, 780, 785, 824, 885, 1079, 1977, 2020, 2471, 2512, 2513, 2680, 2905, 3792, 4182
PSO52EX		
EXTRACT	4902	N/A
REF	4902	N/A
ARXREF	4902	N/A
PSO53		
PSO	4825	1975, 2511
PSO59		
PSS	4827	1976, 2621, 4963
PSODI		
DIC	4858	N/A
DIQ	4858	N/A
GET1	4858	N/A
STATUS	4858	N/A
PSOORDER		
EN	1878	N/A
PSS50		
AND	4533	N/A
ARWS	4533	N/A
ASP	4533	N/A
CLOZ	4533	N/A
DATA	4533	25, 106, 221, 276, 302, 553, 477, 1299, 886, 679, 590, 2474, 2441, 2015, 2858, 2841, 2654, 619
LAB	4533	273
NDC	4533	N/A
NDF	4533	N/A
VAC	4533	N/A
ZERO	4533	N/A

Active APIs and Their Components	New ICR #	Old ICR #
PSS50P7		
DRGIEN	4662	N/A
ZERO	4662	N/A
PSS51P1		
AP	4546	N/A
PSSDQ	4546	N/A
ZERO	4546	2392
PSS51P2		
ALL	4548	N/A
PSS52P6		
ZERO	4549	536, 568, 921, 2909, 3786
PSS52P7		
ZERO	4550	437, 537
PSS55		
PSS431	4826	117, 552, 2497, 677, 3785, 4181, 533, 2228, 922, 567
PSS432	4826	2497, 677, 2475, 2228, 567
PSS433	4826	117, 677, 2228
PSS435	4826	677, 2228, 922
PSS436	4826	2497, 677, 3785, 4181, 535, 2228, 922, 567
PSS55MIS		
CLINIC	2191	N/A
STATUS	2191	N/A
PSS59P7		
PSS	4828	2682
PSS781		
PSS	4480	781
WRT	4480	781
PSSDI		
DIC	4551	N/A
DO	4551	N/A
EN	4551	N/A
FNAME	4551	N/A

Active APIs and Their Components	New ICR #	Old ICR #
MIX	4551	N/A
PSX550		
PSX	4544	2199

National Drug File (NDF)

The National Drug File application, namespace PSN, provides the following Application Program Interfaces (APIs). If you need the use of an API that has not yet been made active, please email the Pharmacy Re-Engineering team using the Outlook mail group VHA OI SDD PHARM REENG DEV.

New ICR #	Old ICR #	Component	Description
2531	N/A	B^PSNAPIS	Returns the closed global root of the "B" cross reference on the NAME field (#.01) for the VA GENERIC file (#50.6).
	N/A	CIRN^PSNAPIS	Returns specific data from the VA GENERIC file (#50.6), the NDC/UPN file (#50.67), and the VA PRODUCT file (#50.68).
	N/A	CLASS^PSNAPIS	Validates the CLASSIFICATION field (#1) in the VA DRUG CLASS file (#50.605).
	N/A	CPRS^PSNAPIS	Returns the NAME field (#.01) from the DOSAGE FORM file (#50.606) , the CODE field (#.01) from the VA DRUG CLASS file (#50.605), the STRENGTH field (#2) from the VA PRODUCT file (#50.68), and the NAME field (#.01) from the DRUG UNITS file (#50.607) for the selected drug.
	N/A	DCLASS^PSNAPIS	Returns the PRIMARY VA DRUG CLASS field (#15) from the VA PRODUCT file (#50.68) and the CLASSIFICATION field (#1) from the VA DRUG CLASS file (#50.605) for the selected drug.
	N/A	DCLCODE^PSNAPIS	Returns the 5 character CODE field (#.01) from the VA DRUG CLASS file (#50.605) for the selected drug.
	N/A	DFSU^PSNAPIS	Returns the NAME field (#.01) from the DOSAGE FORM file (#50.606), the STRENGTH field (#2) from VA PRODUCT file (#50.68), and the NAME field (#.01) from the DRUG UNITS file (#50.607).
	N/A	DRUG^PSNAPIS	Validates if the drug name is either a valid NAME entry in the VA GENERIC file (#50.6) or a valid TRADE NAME entry in the NDC/UPN file (#50.67).
	N/A	DSS^PSNAPIS	Returns the five or seven digit DSS NUMBER field (#30) from the VA PRODUCT file (#50.68) for the selected drug.

New ICR #	Old ICR #	Component	Description
2531 cont.	N/A	OVERRIDE^PSNAPIS	Returns the OVERRIDE DF DOSE CHK EXCLUSION field (#31) from the VA PRODUCT file (#50.68).
	N/A	PROD0^PSNAPIS	Returns the NAME field (#.01), the DOSAGE FORM field (#1), the STRENGTH field (#2), the UNITS field (#3), the GCNSEQNO field (#11), and the PREVIOUS GCNSEQNO field (#12) from the VA PRODUCT file (#50.68).
	N/A	PROD2^PSNAPIS	Returns the VA PRINT NAME field (#5), the VA PRODUCT IDENTIFIER field (#6), and the TRANSMIT TO CMOP field (#7) from the VA PRODUCT file (#50.68) and the NAME field (#.01) from the VA DISPENSE UNIT file (#50.64).
	N/A	PSA^PSNAPIS	Returns the GENERIC NAME field (#.01) from the DRUG file (#50) for every drug which has the same product name as the name of the drug identified by the passed in NDC.
	N/A	PSJDF^PSNAPIS	Returns the NAME field (#.01) from the DOSAGE FORM file (#50.606).
	N/A	PSJING^PSNAPIS	Returns the IEN and the NAME field (#.01) in the DRUG INGREDIENTS file (#50.416) ., the STRENGTH field (#2) from the VA PRODUCT file (#50.68), and the NAME field (#.01) from the DRUG UNITS file (#50.607) for every ingredient in the selected drug.
	N/A	PSJST^PSNAPIS	Returns the STRENGTH field (#2) from the VA PRODUCT file (#50.68).
	N/A	PSPT^PSNAPIS	Returns the IEN and the NAME field (#.01) of the PACKAGE SIZE file (#50.609) and the IEN and the NAME field (#.01) from the PACKAGE TYPE file (#50.608).
	N/A	T^PSNAPIS	Returns the closed global root of the "T" cross reference for the NDC/UPN file (#50.67).
	N/A	VAGN^PSNAPIS	Returns the NAME field (#.01) from the VA GENERIC file (#50.6) for the selected drug.
	N/A	VAP^PSNAPIS	Returns the IEN and the NAME field (#.01) from the VA PRODUCT file (#50.68), the NAME field (#.01) from the DOSAGE FORM file (#50.606), and the CODE field (#.01) from the VA DRUG CLASS file (#50.605).
2574	N/A	CIRN2^PSNAPIS	Returns the list of the NDCs from the NDC/UPN file (#50.67) for a product.
	N/A	CLASS2^PSNAPIS	Returns the CODE field (#.01) and the CLASSIFICATION field (#1) for the VA DRUG CLASS file (#50.605).
	N/A	CLIST^PSNAPIS	Returns a list of IEN and CODE field (#.01) from the VA DRUG CLASS file (#50.605).

New ICR #	Old ICR #	Component	Description
2574 cont.	N/A	CMOP^PSNAPIS	Returns the 5 character NAME field (#.01) for the VA PRODUCT file (#50.68).
	N/A	DDIEX^PSNAPIS	Returns the indication from VA PRODUCT file (#50.68) if a drug is exempted from drug-drug interaction order checking.
	N/A	FORMI^PSNAPIS	Returns the NATIONAL FORMULARY INDICATOR field (#17) for a VA PRODUCT file (#50.68).
	N/A	FORMR^PSNAPIS	Returns the indication if the NATIONAL FORMULARY RESTRICTION field (#18) is existent for the VA PRODUCT file (#50.68).
	N/A	FORMRX^PSNAPIS	Returns the list NATIONAL FORMULARY RESTRICTION field (#18) for the VA PRODUCT file (#50.68).
	N/A	TGTOG^PSNAPIS	Returns the IEN from the VA GENERIC file (#50.6) if the passed in NAME is either a valid NAME field (#.01) from the VA GENERIC file (#50.6) or the IEN of the VA PRODUCT file (#50.68) is a valid TRADE NAME field (#4) from the NDC/UPN file (#50.67).
	N/A	TGTOG2^PSNAPIS	Returns the IEN and NAME field (#.01) in VA GENERIC file (#50.6) for all entries for which the passed in NAME is a partial or exact match to either the trade name or the generic name.
	N/A	TTOG^PSNAPIS	Returns the IEN and NAME field (#.01) for every entry in the VA GENERIC file (#50.6) which matches the trade name.
4531	2196	B^PSN50P41	Returns the file root of the “B” cross-reference on the DRUG INGREDIENTS file (#50.416).
	149 (149-A)	ZERO^PSN50P41	Checks for the existence of the entry in the DRUG INGREDIENTS file (#50.416). The NAME field (#.01) and the PRIMARY INGREDIENT field (#2) of the DRUG INGREDIENTS file (#50.416) will be returned.
4540	N/A	ROOT^PSN50P6	Returns the root of the zero node of the VA GENERIC file (#50.6).
	302 (302-B), 2016, 2394, 3111, 209, 149 (149-B)	ZERO^PSN50P6	Returns the zero node of the VA GENERIC file (#50.6) in the array defined by the calling application. The “B” cross-reference in the format of ^PS(50.6,“B”,NAME(50.6,.01),IEN(50.6)) will be used.
4543	2393, 149 (149-C)	C^PSN50P65	Returns the CODE field (#.01) and CLASSIFICATION field (#1) of the VA DRUG CLASS file (#50.605). The “C” cross-reference in the format of ^PS(50.605,“C”,CLASSIFICATION(50.605,1),IEN(50.605)) will be used.

New ICR #	Old ICR #	Component	Description
4543 cont.	2472, 2473	IEN^PSN50P65	Returns the CODE field (#.01) and CLASSIFICATION field (#1) of the VA DRUG CLASS file (#50.605). The “B” cross-reference in the format of ^PS(50.605,“B”, CODE(50.605,.01),IEN(50.605)) will be used.
	N/A	ROOT^PSN50P65	Returns the global root of the zero node of the “C” cross-reference of the VA DRUG CLASS file (#50.605).
4545	3735	DATA^PSN50P68	Returns the NAME field (#.01), NDC LINK TO GCNSEQNO field (#13) and CS FEDERAL SCHEDULE field (#19) of the VA PRODUCT file (#50.68) in the array defined by the calling application.
4554	149 (149-A), (149-C), 618	DIC^PSNDI	This API will accept input values and return output values as defined by VA FileMan Lookup call ^DIC.
	149 (149-C)	IX^PSNDI	This API will accept input values and return output values as defined by VA FileMan call IX^DIC.
4829	2221	ALL^PSN5067	Returns data from the NDC/UPN file (#50.67).
4997	N/A	N/A	Allows package to store a pointer to VA DRUG CLASS file (#50.605)
4998	N/A	N/A	Allows package to store a pointer to DRUG INGREDIENT file (#50.416)
4999	N/A	N/A	Allows package to store a pointer to VA GENERIC file (#50.6)
Inactive		DATA^PSN50612	Returns data from the NATIONAL DRUG TRANSLATION file (#50.612) in the array defined by the calling application.
Inactive		DAT^PSN50625	Returns data from the WARNING LABEL-ENGLISH file (#50.625) in the array defined by the calling application.
Inactive		DATA^PSN50626	Returns data from the WARNING LABEL-SPANISH file (#50.626) in the array defined by the calling application.
Inactive		DATA^PSN50627	Returns data from the WARNING LABEL MAP file (#50.627) in the array defined by the calling application.
Inactive		APD^PSN50P41	Returns the NAME field (#.01) and PRIMARY INGREDIENTS field (#2) of the DRUG INGREDIENTS file (#50.416) in the array defined by the calling application. The “APD” cross-reference in the format of ^PS(50.416, “APD”,DRUG IDENTIFIER(50.4161,.01), IEN(50.416) from the PRIMARY INGREDIENTS(50.416,2)) will be used.

New ICR #	Old ICR #	Component	Description
Inactive		APS^PSN50P41	Returns the DRUG IDENTIFIER field (#.01) of the DRUG IDENTIFIER multiple of the DRUG INGREDIENTS file (#50.416) in the array defined by the calling application. The “APS” cross-reference in the format of ^PS(50.416, “APS”,PRIMARY INGREDIENT(50.416,2), IEN(50.416)) will be used.
Inactive		ID^PSN50P41	Returns the DRUG IDENTIFIER field (#.01) of the DRUG IDENTIFIER multiple of the DRUG INGREDIENTS file (#50.416) in the array defined by the calling application.
Active		NAME^PSN50P41	Returns fields in the zero node in the DRUG INGREDIENTS file (#50.416) in the array defined by the calling application. The “P” cross-reference in the format of ^PS(50.416,“P”,NAME(50.416,.01),IEN(50.416)) will be used.
Inactive		ALL^PSN50P67	Returns all of the data from the DRUG UNITS file (#50.607) in the array defined by the calling application.
Inactive		FORM^PSN50P68	Returns the NATIONAL FORMULARY NAME field (#4) of the VA PRODUCT file (#50.68).
Inactive		ALL^PSN56	Returns all of the data from the DRUG INTERACTION file (#56) in the array defined by the calling application.
Inactive		IEN^PSN56	Returns the IEN(s) of the DRUG INTERACTION file (#56) when passed the DRUG IDENTIFIER sub-field (#.01) of the DRUG IDENTIFIER multiple (#1) from the DRUG INGREDIENTS file (#50.416) for INGREDIENT 1 field (#1) and for INGREDIENT 2 field (#2) in the DRUG INTERACTION file (#56). The “APD” cross-reference in the format of ^PS(56, “APD”,DRUG IDENTIFIER(50.4161,.01) of the INGREDIENT 1(56,1),DRUG IDENTIFIER(50.4161,.01) of the INGREDIENT 2(56,2),IEN of the DRUG INTERACTION file (#56)) will be used.
Inactive		DIE^PSNDI	This API will accept input values and return output values as defined by VA FileMan Edit Data call ^DIE.

PSN50612 API – NATIONAL DRUG TRANSLATION file (#50.612)

Component: DATA

Returns data from the NATIONAL DRUG TRANSLATION file (#50.612) in the array defined by the calling application.

Status: Inactive

DATA^PSN50612(PSNIEN,LIST)
 Input:
 PSNIEN
 LIST
 Where:
 PSNIEN = IEN of entry in NATIONAL DRUG TRANSLATION file (#50.612)
 [required]
 LIST = defined by the calling application [required]
 Output:
 ^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
 ^TMP(\$J,LIST,PSNIEN,10) = END (50.612,10)
 ^TMP(\$J,LIST,PSNIEN,11) = LAST UNMATCHED DRUG CLASSIFIED(50.612,11)

PSN50625 API – WARNING LABEL – ENGLISH file (#50.625)

Component: DATA

Returns data from the WARNING LABEL-ENGLISH file (#50.625) in the array defined by the calling application.

Status: Inactive

DATA^PSN50625 (PSNIEN,LIST)
 Input:
 PSNIEN
 LIST
 Where:
 PSNIEN = IEN of entry in WARNING LABEL-ENGLISH file (#50.625) [required]
 LIST = defined by the calling application [required]
 Output:
 ^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
 ^TMP(\$J,LIST,PSNIEN,.01) = NUMBER (50.625,.01)
 ^TMP(\$J,LIST,PSNIEN,2) = SPECIFIC TO GENDER (50.625,2)^External format for
 the set of codes
 ^TMP(\$J,LIST,PSNIEN,"WLT",0) = Total entries returned for this sub-file or
 -1^NO DATA FOUND
 ^TMP(\$J,LIST,PSNIEN,"WLT",PSN(1),.01) = WARNING LABEL TEXT (50.6251,.01)
 Where:
 PSN(1) is the IEN of entry in the WARNING LABEL TEXT multiple

PSN50626 API – WARNING LABEL – SPANISH file (#50.626)

Component: DATA

Returns data from the WARNING LABEL-SPANISH file (#50.626) in the array defined by the calling application.

Status: Inactive

DATA^PSN50626(PSNIEN,LIST)
 Input:
 PSNIEN
 LIST
 Where:
 PSNIEN = IEN of entry in WARNING LABEL-SPANISH file (#50.626) [required]
 LIST = defined by the calling application [required]
 Output:

```

^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSNIEN,.01) = NUMBER (50.626,.01)
^TMP($J,LIST,PSNIEN,2) = SPECIFIC TO GENDER (50.626,2)^External format for
the set of codes
^TMP($J,LIST,PSNIEN,"WLT",0) = Total entries returned for this sub-file or
-1^NO DATA FOUND
^TMP($J,LIST,PSNIEN,"WLT",PSN(1),.01) = SPANISH WARNING LABEL TEXT
(50.6261,.01)

```

Where:

PSN(1) is the IEN of entry in the SPANISH WARNING LABEL TEXT multiple

PSN50627 API – WARNING LABEL MAP file (#50.627)

Component: DATA

Returns data from the WARNING LABEL MAP file (#50.627) in the array defined by the calling application.

Status: Inactive

DATA^PSN50627(PSNIEN,PSNFT,LIST)

Input:

```

PSNIEN
PSNFT
LIST

```

Where:

```

PSNIEN = IEN of entry in WARNING LABEL MAP file (#50.627) [optional]
PSNFT = NAME field (#.01) of the WARNING LABEL MAP file (#50.627)
(a value of "??" may be used) [optional]
LIST = defined by the calling application [required]

```

Output:

```

^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSNIEN,.01) = GCNSEQNO (50.627,.01)
^TMP($J,LIST,PSNIEN,1) = NUMBER (50.627,1)
^TMP($J,LIST,PSNIEN,.2) = PRIORITY (50.627,2)
^TMP($J,LIST,"B",GCNSEQNO,PSNIEN) = "

```

PSN5067 API – NDC/UPN file (#50.67)

Component: ALL

Returns data from the NDC/UPN file (#50.67).

Status: Active

ALL^PSN5067(PSNIEN,PSNFT,PSNFL,LIST)

Input:

```

PSNIEN
PSNFT
PSNFL
LIST

```

Where:

```

PSNIEN = IEN of entry in NDC/UPN file (#50.67) If a value is passed in for
PSNIEN, then any value passed in for the PSNFT parameter will be ignored.
[optional]
PSNFT = TRADE NAME field (#4) of the NDC/UPN file (#50.67) (a value of "??"
may be used). This value will be ignored if a value for PSNIEN is passed

```


in. [optional]

PSNFL = Inactivation date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSNIEN,.01) = SEQUENCE NUMBER (50.67,.01)
^TMP($J,LIST,PSNIEN,1) = NDC (50.67,1)
^TMP($J,LIST,PSNIEN,2) = UPN (50.67,2)
^TMP($J,LIST,PSNIEN,3) = MANUFACTURER (50.67,3)^NAME (55.95,.01)
^TMP($J,LIST,PSNIEN,4) = TRADE NAME (50.67,4)
^TMP($J,LIST,PSNIEN,5) = VA PRODUCT NAME (50.67,5)^NAME (50.68,.01)
^TMP($J,LIST,PSNIEN,7) = INACTIVATION DATE (50.67,7)^External format (ex:
SEP 12,1999)
^TMP($J,LIST,PSNIEN,8) = PACKAGE SIZE (50.67,8)^NAME (50.609,.01)
^TMP($J,LIST,PSNIEN,9) = PACKAGE TYPE (50.67,9)^NAME (50.608,.01)
^TMP($J,LIST,PSNIEN,10) = OTX/RX INDICATOR (50.67,10)^ External format for
the set of codes
^TMP($J,LIST,"B",NAME,PSNIEN) = ""
```

 Note: Please note the value NAME in the "B" cross reference returned is from the TRADE NAME field (#4). This is not a required field.

PSN50P41 API – DRUG INGREDIENTS file (#50.416)

Component: APD

Returns the NAME field (#.01) and PRIMARY INGREDIENTS field (#2) of the DRUG INGREDIENTS file (#50.416) in the array defined by the calling application. The "APD" cross-reference in the format of ^PS(50.416, "APD", DRUG IDENTIFIER(50.4161,.01), IEN(50.416) from the PRIMARY INGREDIENTS(50.416,2)) will be used.

Status: Inactive

APD^PSN50P41(PSNID,LIST)

Input:

PSNID
LIST

Where:

PSNID = DRUG IDENTIFIER field (#.01) of the DRUG IDENTIFIER multiple of the DRUG INGREDIENTS file (#50.416) [optional]

LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSNIEN,.01) = NAME(50.416,.01)
^TMP($J,LIST,PSNIEN,2) = PRIMARY INGREDIENT (50.416,2)^NAME (50.416,.01)
(The PRIMARY INGREDIENT field (#2)
stores the IEN of the DRUG INGREDIENTS file (#50.416) that point to other
entry in this file)
^TMP($J,LIST,PSNIEN,"ID",0) = Total entries returned for this sub-file or -
1^NO DATA FOUND
^TMP($J,LIST,PSNIEN,"ID",PSN(1),.01) = DRUG IDENTIFIER (50.4161,.01)
^TMP($J,LIST,"APD",NAME,PSNIEN) = ""
```

Where:

PSNIEN is the IEN of entry in the DRUG INGREDIENTS file (#50.416)

PSN(1) is the IEN of entry in the DRUG IDENTIFIER multiple

Component: APS

Returns the DRUG IDENTIFIER field (#.01) of the DRUG IDENTIFIER multiple of the DRUG INGREDIENTS file (#50.416) in the array defined by the calling application. The “APS” cross-reference in the format of ^PS(50.416, “APS”, PRIMARY INGREDIENT(50.416,2), IEN(50.416)) will be used.

Status: Inactive

APS^PSN50P41(PSNPI, LIST)

Input:

PSNPI
LIST

Where:

PSNPI = PRIMARY INGREDIENT field (#2) of the DRUG INGREDIENTS file (#50.416) [required]
LIST = defined by the calling application [required]

Output:

^TMP(\$J, LIST, 0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J, LIST, PSNIEN, .01) = NAME (50.416, .01)
^TMP(\$J, LIST, PSNIEN, "ID", 0) = Total entries returned for this sub-file or -1^NO DATA FOUND
^TMP(\$J, LIST, PSNIEN, "ID", PSN(1), .01) = DRUG IDENTIFIER (50.4161, .01)
^TMP(\$J, LIST, "APS", NAME, PSNIEN) = ""

Where:

PSNIEN is the IEN of entry in the DRUG INGREDIENTS file (#50.416)
PSN(1) is the IEN of entry in the DRUG IDENTIFIER multiple

Component: B

Returns the file root of the “B” cross-reference on the DRUG INGREDIENTS file (#50.416).

Status: Active

S X=\$\$B^PSN50P41

Input:

N/A

Output:

\$\$B

Where:

\$\$B = "^PS(50.416, "B")" the file root of the "B" cross-reference on the DRUG INGREDIENTS file (#50.416)

Component: ID

Returns the DRUG IDENTIFIER field (#.01) of the DRUG IDENTIFIER multiple of the DRUG INGREDIENTS file (#50.416) in the array defined by the calling application.

Status: Inactive

ID^PSN50P41(PSNIEN, PSNFT, LIST)

Input:

PSNIEN
PSNFT
LIST

Where:

PSNIEN = IEN of entry in DRUG INGREDIENTS file (#50.416) [optional]
PSNFT = NAME field (#.01) of the DRUG INGREDIENTS file (#50.416) (a value of "??" may be used) [optional]
LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSNIEN,.01) = NAME (50.416,.01)
^TMP($J,LIST,PSNIEN,"ID",0) = Total entries returned for this sub-file or -
1^NO DATA FOUND
^TMP($J,LIST,PSNIEN,"ID",PSN(1),.01) = DRUG IDENTIFIER (50.4161,.01)
^TMP($J,LIST,"B",NAME,PSNIEN) = ""
```

Where:

PSN(1) is the IEN of entry in the DRUG IDENTIFIER multiple

Component: NAME

Returns fields in the zero node in the DRUG INGREDIENTS file (#50.416) in the array defined by the calling application. The "P" cross-reference in the format of ^PS(50.416,"P",NAME(50.416,.01),IEN(50.416)) will be used.

Status: Active

NAME^PSN50P41(PSNFT,LIST)

Input:

```
PSNFT
LIST
```

Where:

PSNFT = NAME field (#.01) of the DRUG INGREDIENTS file (#50.416)
(a value of "??" may be used) [required]
LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSNIEN,.01) = NAME (50.416,.01)
^TMP($J,LIST,PSNIEN,2) = PRIMARY INGREDIENT (50.416,2)^NAME (50.416,.01)
(The PRIMARY INGREDIENT field (#2) stores the IEN of the DRUG INGREDIENTS
file (#50.416) that point to other entry in this file)
^TMP($J,LIST,"P",NAME,PSNIEN) = ""
```

Where:

PSNIEN is IEN of entry in the DRUG INGREDIENTS file (#50.416)

Component: ZERO

Checks for the existence of the entry in the DRUG INGREDIENTS file (#50.416). The NAME field (#.01) and the PRIMARY INGREDIENT field (#2) of the DRUG INGREDIENTS file (#50.416) will be returned.

Status: Active

ZERO^PSN50P41(PSNIEN,PSNFT,PSNFL,LIST)

Input:

```
PSNIEN
PSNFT
PSNFL
LIST
```

Where:

PSNIEN = IEN of entry in DRUG INGREDIENTS file (#50.416) [optional]
PSNFT = the NAME field (#.01) of the DRUG INGREDIENTS file (#50.416) (a
value of "??" may be used) [optional]
PSNFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
LIST = defined by the calling application [required]

Output:


```

^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSNIEN,.01) = NAME (50.416,.01)
^TMP($J,LIST,PSNIEN,2) = PRIMARY INGREDIENT (50.416,2)^NAME (50.416,.01)
(The PRIMARY INGREDIENT field (#2) stores the IEN of the DRUG INGREDIENTS
file (#50.416) that point to other entry in this file)
^TMP($J,LIST,PSNIEN,3) = INACTIVATION DATE (50.416,3)^External format (ex:
SEP 12,1999)
^TMP($J,LIST,"B",NAME,PSNIEN) = ""

```

PSN50P6 API - VA GENERIC file (#50.6)

Component: ROOT

Returns the root of the zero node of the VA GENERIC file (#50.6).

Status: Active

S X=\$\$ROOT^PSN50P6

Input:

N/A

Output:

\$\$ROOT

Where:

\$\$ROOT is "^PSNDF(50.6," the file root of the VA GENERIC file (#50.6)

Component: ZERO

Returns the zero node of the VA GENERIC file (#50.6) in the array defined by the calling application. The "B" cross-reference in the format of ^PS(50.6,"B",NAME(50.6,.01),IEN(50.6)) will be used.

Status: Active

ZERO^PSN50P6(PSNIEN,PSNFT,PSNFL,PSNX,LIST)

Input:

PSNIEN

PSNFT

PSNFL

PSNX

LIST

Where:

PSNIEN = IEN of entry in VA GENERIC file (#50.6) [optional]

PSNFT = NAME field (#.01) of the VA GENERIC file (#50.6)

(a value of "??" may be used) [optional]

PSNFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

PSNX = 1 for exact match flag [optional]

LIST = defined by the calling application [required]

Output:

```

^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND

```

```

^TMP($J,LIST,PSNIEN,.01) = NAME (50.6,.01)

```

```

^TMP($J,LIST,PSNIEN,1) = INACTIVATION DATE (50.6,1)^External format (ex:
SEP 12,1999)

```

```

^TMP($J,LIST,"B",NAME,PSNIEN) = ""

```

PSN50P65 API - VA DRUG CLASS file (#50.605)

Component: C

Returns the CODE field (#.01) and CLASSIFICATION field (#1) of the VA DRUG CLASS file (#50.605). The "C" cross-reference in the format of

^PS(50.605,"C",CLASSIFICATION(50.605,1),IEN(50.605)) will be used.

Status: Active

C^PSN50P65 (PSNIEN, PSNFT, LIST)

Input:

PSNIEN

PSNFT

LIST

Where:

PSNIEN = IEN of entry in VA DRUG CLASS file (#50.605) [optional]

PSNFT = the CLASSIFICATION field (#1) of the VA DRUG CLASS file (#50.605) (a value of "??" may be used) [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND


^TMP(\$J,LIST,PSNIEN,.01) = CODE (50.605,.01)

^TMP(\$J,LIST,PSNIEN,1) = CLASSIFICATION (50.605,1)

^TMP(\$J,LIST,PSNIEN,2) = PARENT CLASS (50.605,2)^CODE (50.605,.01)

^TMP(\$J,LIST,PSNIEN,3) = TYPE (50.605,3)

^TMP(\$J,LIST,"C",CODE,PSNIEN) = ""

 Note: The "C" cross-reference in the format of ^PS(50.605,"C",CLASSIFICATION(50.605,1),IEN(50.605)) will be used for the lookup.

Component: IEN

Returns the CODE field (#.01) and CLASSIFICATION field (#1) of the VA DRUG CLASS file (#50.605). The "B" cross-reference in the format of ^PS(50.605,"B",CODE(50.605,.01),IEN(50.605)) will be used.

Status: Active

IEN^PSN50P65 (PSNIEN, PSNFT, LIST)

Input:

PSNIEN

PSNFT

LIST

Where:

PSNIEN = IEN of entry in VA DRUG CLASS file (#50.605) [optional]

PSNFT = CODE field (#.01) of VA DRUG CLASS file (#50.605) (a value of "??" may be used) [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSNIEN,.01) = CODE (50.605,.01)

^TMP(\$J,LIST,PSNIEN,1) = CLASSIFICATION (50.605,1)

^TMP(\$J,LIST,"B",CODE,PSNIEN) = ""

Component: ROOT

Returns the global root of the zero node of the "C" cross-reference of the VA DRUG CLASS file (#50.605).

Status: Active

```
S X=$$ROOT^PSN50P65(PSNC)
```

Input:

```
PSNC = If "1" the global root of the "C" cross-reference is returned  
otherwise, the global root of the zero node is returned
```

Output:

```
$$ROOT
```

Where:

```
$$ROOT = "^PS(50.605,"C")" if PSNC is passed in as 1
```

```
$$ROOT = "^PS(50.605," if PSNC is null
```

PSN50P67 API – DRUG UNITS file (#50.607)

Component: ALL

Returns all of the data from the DRUG UNITS file (#50.607) in the array defined by the calling application.

Status: Inactive

```
ALL^PSN50P67(PSNIEN,PSNFT,PSNFL,LIST)
```

Input:

```
PSNIEN
```

```
PSNFT
```

```
PSNFL
```

```
LIST
```

Where:

```
PSNIEN = IEN of entry in DRUG UNITS file (#50.607) [optional]
```

```
PSNFT = NAME field (.01) of the DRUG UNITS file (#50.607)
```

```
(a value of "??" may be used) [optional]
```

```
PSNFL = Inactive date: A null value will return all entries (entry of a  
FileMan format date (ex: 3030917) will return active entries after this  
date) [optional]
```

```
LIST = defined by the calling application [required]
```

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
```

```
^TMP($J,LIST,PSNIEN,.01) = NAME (50.607,.01)
```

```
^TMP($J,LIST,PSNIEN,1) = INACTIVATION DATE (50.607,1)^External format (ex:  
SEP 12,1999)
```

```
^TMP($J,LIST,"B",NAME,PSNIEN) = ""
```

PSN50P68 API – VA PRODUCT file (#50.68)

Component: DATA

Returns the NAME field (#.01), NDC LINK TO GCNSEQNO field (#13) and CS FEDERAL SCHEDULE field (#19) of the VA PRODUCT file (#50.68) in the array defined by the calling application.

Status: Active

DATA^PSN50P68(PSNIEN,PSNFT,LIST)

Input:


PSNIEN
PSNFT
LIST

Where:

PSNIEN = IEN of entry in VA PRODUCT file (#50.68) [optional]
PSNFT = NAME field (#.01) of the VA PRODUCT file (#50.68) (a value of "??"
may be used) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSNIEN,.01) = NAME (50.68,.01)
^TMP(\$J,LIST,PSNIEN,.05) = VA GENERIC NAME (50.68,.05)^NAME (50.6,.01)
^TMP(\$J,LIST,PSNIEN,3) = UNITS (50.68,3)^NAME (50.607,.01)
^TMP(\$J,LIST,PSNIEN,4) = NATIONAL FORMULARY NAME (50.68,4)
^TMP(\$J,LIST,PSNIEN,11) = GCNSEQNO (50.68,11)
^TMP(\$J,LIST,PSNIEN,12) = PREVIOUS GCNSEQNO (50.68,12)
^TMP(\$J,LIST,PSNIEN,13) = NDC LINK TO GCNSEQNO (50.68,13)
^TMP(\$J,LIST,PSNIEN,19) = CS FEDERAL SCHEDULE (50.68,19)^External format
for the set of codes
^TMP(\$J,LIST,PSNIEN,2000) = SERVICE CODE (50.68,2000)
^TMP(\$J,LIST,"B",NAME,PSNIEN) = ""

 Note: If there is no data in the SERVICE CODE field (#2000) of the VA PRODUCT file (#50.68), the value 600000 will be returned for the SERVICE CODE.

Component: FORM

Returns the NATIONAL FORMULARY NAME field (#4) of the VA PRODUCT file (#50.68).

Status: Inactive

S X=\$\$FORM^PSN50P68(PSNIEN)

Input:

PSNIEN

Where:

PSNIEN = IEN of entry in VA PRODUCT file (#50.68) [required]

Output:

\$\$FORM

Where:

\$\$FORM = the NATIONAL FORMULARY NAME field (#4) of the VA PRODUCT file (#50.68)

PSN56 API – DRUG INTERACTION file (#56)

Component: ALL

Returns all of the data from the DRUG INTERACTION file (#56) in the array defined by the calling application.

Status: Inactive

ALL^PSN56(PSNIEN,PSNFT,LIST)

Input:

PSNIEN
PSNFT
LIST

Where:

PSNIEN = IEN of entry in DRUG INTERACTION file (#56) [optional]
PSNFT = NAME field (#.01) of DRUG INTERACTION file (#56)
(a value of "??" may be used) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSNIEN,.01) = NAME (56,.01)
^TMP(\$J,LIST,PSNIEN,1) = INGREDIENT 1 (56,1)^NAME (50.416,.01)
^TMP(\$J,LIST,PSNIEN,2) = INGREDIENT 2 (56,2)^NAME (50.416,.01)
^TMP(\$J,LIST,PSNIEN,3) = SEVERITY (56,3)^External format for the set of
codes
^TMP(\$J,LIST,PSNIEN,4) = NATIONALLY ENTERED (56,4)^External format for the
set of codes
^TMP(\$J,LIST,PSNIEN,5) = TOTAL INDEXES (56,5)
^TMP(\$J,LIST,PSNIEN,6) = LOCALLY EDITED (56,6)
^TMP(\$J,LIST,PSNIEN,7) = INACTIVATION DATE (56,7)^External format (ex: SEP
12,1999)
^TMP(\$J,LIST,"B",NAME,PSNIEN) = ""

Component: IEN

Returns the IEN(s) of the DRUG INTERACTION file (#56) when passed the DRUG IDENTIFIER sub-field (#.01) of the DRUG IDENTIFIER multiple (#1) from the DRUG INGREDIENTS file (#50.416) for INGREDIENT 1 field (#1) and for INGREDIENT 2 field (#2) in the DRUG INTERACTION file (#56). The "APD" cross-reference in the format of ^PS(56,"APD",DRUG IDENTIFIER(50.4161,.01) of the INGREDIENT 1(56,1),DRUG IDENTIFIER(50.4161,.01) of the INGREDIENT 2(56,2),IEN of the DRUG INTERACTION file (#56)) will be used.

Status: Inactive

IEN^PSN56 (PSNING1, PSNING2, PSNFL, LIST)

Input:

PSNING1
PSNING2
PSNFL
LIST

Where:

PSNING1 = DRUG IDENTIFIER (50.4161,.01) associated with INGREDIENT 1
[required]
PSNING2 = DRUG IDENTIFIER (50.4161,.01) associated with INGREDIENT 2
[required]
PSNFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSNIEN,.01) = NAME (56,.01)
^TMP(\$J,LIST,PSNIEN,1) = INGREDIENT 1 (56,1)^NAME (50.416,.01)
^TMP(\$J,LIST,PSNIEN,2) = INGREDIENT 2 (56,2)^NAME (50.416,.01)
^TMP(\$J,LIST,PSNIEN,3) = SEVERITY (56,3)^External format for the set of
codes
^TMP(\$J,LIST,PSNIEN,7) = INACTIVATION DATE (56,7)^External format (ex: SEP
12,1999)
^TMP(\$J,LIST,"APD",NAME,PSNIEN) = ""

Where:

PSNIEN is IEN of entry in the DRUG INTERACTION file (#56)

PSNAPIS API – API for NDF files

Component: B

Returns the closed global root of the “B” cross reference on the NAME field (#.01) for the VA GENERIC file (#50.6).

Status: Active

S X=\$\$B^PSNAPIS returns the closed global root of the "B" cross-reference field in the VA GENERIC file (#50.6)

Component: CIRN

Returns specific data from the VA GENERIC file (#50.6), the NDC/UPN file (#50.67), and the VA PRODUCT file (#50.68).

Status: Active

S X=\$\$CIRN^PSNAPIS(ndc, .array)

Input:

ndc
array

Where:

ndc = 12-digit National Drug Code
array = defined by the calling application

Output:

\$\$CIRN = number of entries in the array

Where:

array = NDC
array(0) = IEN in the VA GENERIC file (#50.6)
array(1) = VA GENERIC NAME
array(2) = Dose Form IEN^^CLASS IEN
array(3) = strength
array(4) = units IEN
array(5) = package size IEN
array(6) = package type pointer
array(7) = NDC^MANUFACTURER^TRADE NAME^VA PRODUCT NAME POINTER^ROUTE OF ADMINISTRATION

If the NDC is not a valid entry, then array is returned as "000000000000", and seven elements of array returned as null

Component: CIRN2

Returns the list of the NDCs from the NDC/UPN file (#50.67) for a product.

Status: Active

S X=\$\$CIRN2^PSNAPIS(p1,p3, .LIST)

Input:

p1
p3
LIST

Where:

p1 = the first piece of the "ND" node in the DRUG file (#50)
p3 = the third piece of the "ND" node in the DRUG file (#50)
LIST = defined by the calling application [required]

Output:

LIST(J) = NDC
\$\$CIRN2 = number of entries in the LIST

Where:

J = a simple index
NDC = 12-character National Drug Code for all NDCs association with the VA
Product specified by p1 and p3

Component: CLASS

Validates the CLASSIFICATION field (#1) in the VA DRUG CLASS file (#50.605).

Status: Active

S X=\$\$CLASS^PSNAPIS(class)

Input:

class

Where:

class = 5-character VA Drug Classification Code
(e.g. CN103)

Output:

\$\$CLASS

Where \$\$CLASS is:

1 = VA Drug Classification Code is valid
0 = VA Drug Classification Code is not valid

Component: CLASS2

Returns the CODE field (#.01) and the CLASSIFICATION field (#1) for the VA DRUG CLASS file (#50.605).

Status: Active

S X=\$\$CLASS2^PSNAPIS(IEN)

Input:

IEN

Where:

IEN = IEN in the VA DRUG CLASS file (#50.605)

Output:

\$\$CLASS2 = CODE^CLASSIFICATION, (e.g. AD900^ANTIDOTES/DETERRENTS, OTHER)

Where:

CODE = CODE field (#.01) of the VA DRUG CLASS file (#50.605)
CLASSIFICATION = CLASSIFICATION field (#1) of the VA DRUG CLASS file
(#50.605)

Component: CLIST

Returns a list of IEN and CODE field (#.01) from the VA DRUG CLASS file (#50.605).

Status: Active

S X=\$\$CLIST^PSNAPIS(DA,.LIST)

Input:

DA

LIST

Where:

DA = IEN from the VA GENERIC file (#50.6)
LIST = defined by the calling application [required]

Output:

LIST(IEN) = IEN^CLASS
\$\$CLIST = number of entries in the LIST

Where:

IEN = IEN from the VA DRUG CLASS file (#50.605)

CLASS = 5-character VA Drug Class Code for every class associated with that entry in the VA GENERIC file (#50.6)

Component: CMOP

Returns the 5 character NAME field (#.01) for the VA PRODUCT file (#50.68).

Status: Active

S X=\$\$CMOP^PSNAPIS(CODE)

Input:

CODE

Where:

CODE = 5-character CMOP ID

Output:

\$\$CMOP

Where:

\$\$CMOP = corresponding VA Product Name if the CODE is valid

\$\$CMOP = null if the CODE is not valid

Component: CPRS

Returns the NAME field (#.01) from the DOSAGE FORM file (#50.606), the CODE field (#.01) from the VA DRUG CLASS file (#50.605), the STRENGTH field (#2) from the VA PRODUCT file (#50.68), and the NAME field (#.01) from the DRUG UNITS file (#50.607) for the selected drug.

Status: Active

S X=\$\$CPRS^PSNAPIS(p1,p3)

Input:

p1

p3

Where:

p1 = first piece of the "ND" node in the DRUG file (#50) for a selected drug

p3 = third piece of the "ND" node in the DRUG file (#50) for a selected drug

Output:

\$\$CPRS = DOSAGE FORM^CLASS CODE^STRENGTH^UNITS

Where:

DOSAGE FORM = name of Dosage Form

CLASS CODE = 5-character VA Drug Class Code for a selected drug

STRENGTH = the strength

UNITS = the unit

Component: DCLASS

Returns the PRIMARY VA DRUG CLASS field (#15) from the VA PRODUCT file (#50.68) and the CLASSIFICATION field (#1) from the VA DRUG CLASS file (#50.605) for the selected drug.

Status: Active

S X=\$\$DCLASS^PSNAPIS(p1,p3)

Input:

p1

p3

Where:

p1 = first piece of the "ND" node in the DRUG file (#50)

p3 = third piece of the "ND" node in the DRUG file (#50)
Output:
 \$\$DCLASS = PRIMARY VA DRUG CLASS^VA DRUG CLASSIFICATION
Where:
 PRIMARY VA DRUG CLASS = IEN for the VA DRUG CLASS file (#50.605)
 VA DRUG CLASSIFICATION = VA DRUG CLASSIFICATION description for a selected
 drug, (e.g. CYANIDE ANTIDOTES)

Component: DCLCODE

Returns the 5 character CODE field (#.01) from the VA DRUG CLASS file (#50.605) for the selected drug.

Status: Active

S X=\$\$DCLCODE^PSNAPIS(p1,p3)
Input:
 p1
 p3
Where:
 p1 = first piece of the "ND" node in the DRUG file (#50) for a selected
 drug
 p3 = third piece of the "ND" node in the DRUG file (#50) for a selected
 drug
Output:
 \$\$DCLCODE = 5-character VA Drug Class Code for a selected drug, (e.g.
 AD200)

Component: DDIEX

Returns the indication from VA PRODUCT file (#50.68) if a drug is exempted from drug-drug interaction order checking.

Status: Active

S X=\$\$DDIEX^PSNAPIS(VAR1,VAR2)
Input:
 VAR1
 VAR2
Where:
 VAR1 = first piece of the "ND" node in the DRUG file (#50) for a selected
 drug
 VAR2 = third piece of the "ND" node in the DRUG file (#50) for a selected
 drug
Output:
 \$\$DDIEX = 1 or 0
Where:
 1 = indicates that a drug has been exempted from drug-drug interaction
 order checking
 0 = indicates that a drug is not exempted from drug-drug interaction order
 checking

Component: DFSU

Returns the NAME field (#.01) from the DOSAGE FORM file (#50.606), the STRENGTH field (#2) from VA PRODUCT file (#50.68), and the NAME field (#.01) from the DRUG UNITS file (#50.607).

Status: Active

```

S X=$$DFSU^PSNAPIS(p1,p3)
Input:
  p1
  p3
Where:
  p1 = first piece of the "ND" node in the DRUG file (#50) for a selected
      drug
  p3 = third piece of the "ND" node in the DRUG file (#50) for a selected
      drug
Output:
  $$DFSU = DFIEN^DOSE^STIEN^STRENGTH^UNIEN^UNITS
Where:
  DFIEN = IEN of the Dosage Form
  DOSE = name of the Dosage Form
  STIEN = IEN of the strength
  STRENGTH = the strength
  UNIEN = IEN of the units
  UNITS = the unit

```

Component: DRUG

Validates if the drug name is either a valid NAME entry in the VA GENERIC file (#50.6) or a valid TRADE NAME entry in the NDC/UPN file (#50.67).

Status: Active

```

S X=$$DRUG^PSNAPIS(drug name)
Input:
  drug name
Where:
  drug name = VA Generic Name from the VA GENERIC file
             (#50.6) or the Trade Name from the NDC/UPN file (#50.67)
Output:
  $$DRUG
Where $$DRUG is:
  1 = VA Generic Name or Trade Name is valid
  0 = VA Generic Name or Trade Name is not valid

```

Component: DSS

Returns the five or seven digit DSS NUMBER field (#30) from the VA PRODUCT file (#50.68) for the selected drug.

Status: Active

```

S X=$$DSS^PSNAPIS(p1,p3)
Input:
  p1
  p3
Where:
  p1 = first piece of the "ND" node in the DRUG file (#50) for a selected
      drug
  p3 = third piece of the "ND" node in the DRUG file (#50) for a selected
      drug
Output:
  $$DSS = 5 or 7-digit DSS identifier for a selected drug

```

Component: FORMI

Returns the NATIONAL FORMULARY INDICATOR field (#17) for a VA PRODUCT file (#50.68).

Status: Active

```
S X=$$FORMI^PSNAPIS(p1,p3)
```

Input:

p1

p3

Where:

p1 = first piece of the "ND" node in the DRUG file (#50) for a selected entry

p3 = third piece of the "ND" node in the DRUG file (#50) for a selected entry

Output:

\$\$FORMI = 1 or 0

Where:

1 = the item is on the National Formulary

0 = the item is not on the National Formulary

Component: FORMR

Returns the indication if the NATIONAL FORMULARY RESTRICTION field (#18) is existent for the VA PRODUCT file (#50.68).

Status: Active

```
S X=$$FORMR^PSNAPIS(p1,p3)
```

Input:

p1

p3

Where:

p1 = first piece of the "ND" node in the DRUG file (#50) for a selected entry

p3 = third piece of the "ND" node in the DRUG file (#50) for a selected entry

Output:

\$\$FORMR = 1 or 0

Where:

1 = there are National Formulary restrictions

0 = there are no National formulary restrictions

Component: FORMRX

Returns the list NATIONAL FORMULARY RESTRICTION field (#18) for the VA PRODUCT file (#50.68).

Status: Active

```
S X=$$FORMRX^PSNAPIS(DA,K,.LIST)
```

Input:

DA

K

LIST

Where:

DA = first piece of the "ND" node in the DRUG file (#50) for a selected drug

K = third piece of the "ND" node in the DRUG file (#50) for a selected drug
LIST = defined by the calling application [required]
Output:
 \$\$FORMRX = 1 or 0
Where:
 1 = there are National Formulary restrictions
 0 = there are no National formulary restrictions
 LIST = word processing field describing the restrictions, if restrictions exist for the VA Product

Component: OVRIDE

Returns the OVERRIDE DF DOSE CHK EXCLUSION field (#31) from the VA PRODUCT file (#50.68) for the selected drug.

Status: Active

S X=\$\$OVRIDE^PSNAPIS(p1,p3)

Input:

 p1
 p3

Where:

 p1 = first piece of the "ND" node in the DRUG file (#50) for a selected drug
 p3 = third piece of the "ND" node in the DRUG file (#50) for a selected drug

Output:

 \$\$OVRIDE = OVERRIDE DF DOSE CHK EXCLUSION value

Where:

 1 = Yes, override the value in the EXCLUDE FROM DOSAGE CHECKS field (#11) of the DOSAGE FORM file (#50.606)
 0 = No, do not override the value in the EXCLUDE FROM DOSAGE CHECKS field (#11) of the DOSAGE FORM file (#50.606)

Note: this is a required field, but if data is missing from this field, a null will be returned.

Component: PRODO

Returns the NAME field (#.01), the DOSAGE FORM field (#1), the STRENGTH field (#2), the UNITS field (#3), the GCNSEQNO field (#11), and the PREVIOUS GCNSEQNO field (#12) from the VA PRODUCT file (#50.68).

Status: Active

S X=\$\$PRODO^PSNAPIS(p1,p3)

Input:

 p1
 p3

Where:


 p1 = first piece of the "ND" node in the DRUG file (#50) for a selected drug
 p3 = third piece of the "ND" node in the DRUG file (#50) for a selected drug

Output:

 \$\$PRODO = VA PRODUCT NAME^DOSAGE FORM^STRENGTH^UNITS
 ^^^PMIS^PREVIOUS PMIS

Where:

VA PRODUCT NAME = name of VA Product in the VA PRODUCT file (#50.68) for a selected drug
DOSAGE FORM = name of the Dosage Form for a selected drug
STRENGTH = the strength of a selected drug
UNITS = number of units
PMIS = this contains the GCNSEQNO Code, which relates to mapping of the Patient Medication Information Sheet (PMIS) and Rx warning labels
PREVIOUS PMIS = this contains the PREVIOUS GCNSEQNO Code, which relates to mapping of the PMIS and Rx warning labels

 Note: ICR was not updated with PMIS project. The PMIS ENTRY field is no longer called USP GENERIC NAME in the VA PRODUCT file (#50.68). The source is now FDB and not USP.

Component: PROD2

Returns the VA PRINT NAME field (#5), the VA PRODUCT IDENTIFIER field (#6), the TRANSMIT TO CMOP field (#7) from the VA PRODUCT file (#50.68) and the NAME field (#.01) from the VA DISPENSE UNIT file (#50.64).

Status: Active

```
S X=$$PROD2^PSNAPIS(p1,p3)
```

Input:

p1

p3

Where:

p1 = first piece of the "ND" node in the DRUG file (#50) for a selected drug

p3 = third piece of the "ND" node in the DRUG file (#50) for a selected drug

Output:

```
$$PROD2 = VA PRINT NAME^VA PRODUCT IDENTIFIER^TRANSMIT TO CMOP^VA DISPENSE UNIT
```

Where:

VA PRINT NAME = print name for a VA Product

VA PRODUCT IDENTIFIER = 5-character CMOP ID

TRANSMIT TO CMOP = Y or N

VA DISPENSE UNIT = VA Dispense Unit for a VA Product

Component: PSA

Returns the GENERIC NAME field (#.01) from the DRUG file (#50) for every drug which has the same product name as the name of the drug identified by the passed in NDC.

Status: Active

```
S X=$$PSA^PSNAPIS(ndc,.array)
```

Input:

ndc

array

Where:

ndc = 12-digit National Drug Code (NDC)

array = defined by the calling application

Output:

array(IEN) = name

\$\$PSA = number of entries in the array

Where:

array(IEN) = IEN in that file for every drug that has the same product name as the name of the drug identified by the NDC

name = name of the drug identified by the NDC

Component: PSJDF

Returns the NAME field (#.01) from the DOSAGE FORM file (#50.606).

Status: Active

```
S X=$$PSJDF^PSNAPIS(p1,p3)
```

Input:

```
  p1
  p3
```

Where:

```
  p1 = first piece of the "ND" node in the DRUG file (#50) for a selected
  drug
```

```
  p3 = third piece of the "ND" node in the DRUG file (#50) for a selected
  drug
```

Output:

```
  $$PSJDF = IEN^DOSE
```

Where:

```
  IEN = IEN in the DOSAGE FORM file (#50.606)
```

```
  DOSE = name of the Dosage Form for a selected drug
```

Component: PSJING

Returns the IEN and the NAME field (#.01) in the DRUG INGREDIENTS file (#50.416), the STRENGTH field (#2) from the VA PRODUCT file (#50.68), and the NAME field (#.01) from the DRUG UNITS file (#50.607) for every ingredient in the selected drug.

Status: Active

```
S X=$$PSJING^PSNAPIS(p1,p3,.array)
```

Input:

```
  p1
  p3
  array = defined by the calling application
```

Where:

```
  p1 = first piece of the "ND" node in the DRUG file (#50) for a selected
  drug
```

```
  p3 = third piece of the "ND" node in the DRUG file (#50) for a selected
  drug
```

```
  array = defined by the calling application
```

Output:

```
  array(IEN) = IEN^INGREDIENT
```

```
  $$PSJING = number of entries in the array
```

Where:

```
  IEN = IEN in the DRUG INGREDIENTS file (#50.416)
```

```
  INGREDIENT = name for every ingredient for the selected drug
```

Component: PSJST

Returns the STRENGTH field (#2) from the VA PRODUCT file (#50.68).

Status: Active

```
S X=$$PSJST^PSNAPIS(p1,p3)
```

Input:

```
  p1
  p3
```

Where:

p1 = first piece of the "ND" node in the DRUG file (#50) for a selected drug
p3 = third piece of the "ND" node in the DRUG file (#50) for a selected drug
returns

Output:

\$\$\$PSJST = IEN^STRENGTH

Where:

IEN = 1

STRENGTH = the strength of a selected drug

Component: PSPT

Returns the IEN and the NAME field (#.01) of the PACKAGE SIZE file (#50.609) and the IEN and the NAME field (#.01) from the PACKAGE TYPE file (#50.608).

Status: Active

S X=\$\$PSPT^PSNAPIS(p1,p3,array)

Input:

p1

p3

array

Where:

p1 = first piece of the "ND" node in the DRUG file (#50) for a selected drug

p3 = third piece of the "ND" node in the DRUG file (#50) for a selected drug

array = defined by the calling application

Component: T

Returns the closed global root of the "T" cross reference for the NDC/UPN file (#50.67).

Status: Active

S X=\$\$T^PSNAPIS returns the closed global root of the "T" cross-reference field in the NDC/UPN file (#50.67)

Component: TGTOG

Returns the IEN from the VA GENERIC file (#50.6) if the passed in NAME is either a valid NAME field (#.01) from the VA GENERIC file (#50.6) or the IEN of the VA PRODUCT file (#50.68) is a valid TRADE NAME field (#4) from the NDC/UPN file (#50.67).

Status: Active

S X=\$\$TGTOG^PSNAPIS(NAME)

Input:

NAME

Where:

NAME = a free text entry VA Generic Name from the VA GENERIC file (#50.6)
or Trade Name from the NDC/UPN file (#50.67)

Output:

\$\$TGTOG = IEN or 0

Where:

IEN = if the "B" cross-reference existed for the VA Generic Name, return the IEN from the VA GENERIC file (#50.6), otherwise return the IEN from the VA PRODUCT file (#50.68)

0 = not a valid VA Generic Name or Valid Trade name

Component: TGTOG2

Returns the IEN and NAME field (#.01) in VA GENERIC file (#50.6) for all entries for which the passed in NAME is a partial or exact match to either the trade name or the generic name.

Status: Active

```
S X=$$TGTOG2^PSNAPIS(NAME, .LIST)
```

Input:

```
NAME
LIST
```

Where:

```
NAME = a free text entry VA Generic Name from the VA GENERIC file (#50.6)
or Trade Name from the NDC/UPN file (#50.67)
LIST = defined by the calling application [required]
```

Output:

```
LIST(IEN) = IEN^GENERIC NAME
$$TGTOG2 = number of entries in the LIST
```

Where:

```
IEN = IEN in VA GENERIC file (#50.6)
GENERIC NAME = the NAME field (#.01) in the VA GENERIC file (#50.6) of that
entry for all entries where the NAME is a partial or an exact match to
either the Trade Name or the VA Generic Name entered
```

Component: TTOG

Returns the IEN and NAME field (#.01) for every entry in the VA GENERIC file (#50.6) which matches the trade name.

Status: Active

```
S X=$$TTOG^PSNAPIS(TRADE, .LIST)
```

Input:

```
TRADE
LIST
```

Where:

```
TRADE = a free text trade name
LIST = defined by the calling application [required]
```

Output:

```
LIST(IEN) = IEN^GENERIC NAME
$$TTOG = number of entries in the LIST
```

Where:

```
IEN = IEN from the VA GENERIC file (#50.6)
GENERIC NAME = NAME field (#.01) in the VA GENERIC file (#50.6) for every
entry that has a defined Trade Name
```

Component: VAGN

Returns the NAME field (#.01) from the VA GENERIC file (#50.6) for the selected drug.

Status: Active

```
S X=$$VAGN^PSNAPIS(p1)
```

Input:

```
p1
```

Where:

```
p1 = first piece of the "ND" node in the DRUG file (#50) for a selected
drug
```

Output:

```
$$VAGN = VA GENERIC NAME from the VA GENERIC file (#50.6)
```


Component: VAP

Returns the IEN and the NAME field (#.01) from the VA PRODUCT file (#50.68), the NAME field (#.01) from the DOSAGE FORM file (#50.606), and the CODE field (#.01) from the VA DRUG CLASS file (#50.605).

Status: Active

```
S X=$$VAP^PSNAPIS(da,.array)
```

Input:

```
da  
array
```

Where:

```
da = IEN in the VA GENERIC file (#50.6)  
array = array defined by the calling application  
$$VAP = number of entries in the array
```

Output:

```
array(ien) = IEN^VA PRODUCT NAME^DFIEN^DOSE^CLIEN^CLASS
```

Where:

```
IEN = IEN from the VA PRODUCT file (#50.68)  
VA PRODUCT NAME = Name of the VA Product  
DFIEN = IEN of the Dosage Form  
DOSE = name of the Dosage Form  
CLIEN = IEN of the class from the VA DRUG CLASS file (#50.605)  
CLASS = the 5-character VA Drug Class Code for the VA Product associated  
with a selected VA Generic Drug
```

Output:

```
(for each package size and type combination)
```

```
array(PSIEN^PTIEN) = PSIEN^PSIZE^PTIEN^PTYPE  
$$PSPT = number of entries in the array
```

Where:

```
PSIEN = IEN of the package size  
PSIZE = package size  
PTIEN = IEN of the package type  
PTYPE = package type
```

PSNDI API – FileMan Calls

Component: DIC – Lookup/Add

This API will accept input values and return output values as defined by VA FileMan Lookup/Add call ^DIC for the following files:

DRUG INGREDIENTS (#50.416) File

VA GENERIC (#50.6) File

VA DRUG CLASS (#50.605) File

NDC/UPN (#50.67) File

DRUG INTERACTION (#56) File

Inactivation Date screening logic will use the VUID Inactivation Date for files that are standardized. For files that are not standardized the Inactivation Date screening logic will use the Vista Inactivation Date.

Status: Active

DIC^PSNDI(PSNFILE,PSNPACK,.DIC,.X,DLAYGO,PSNDATE)

Input:

PSNFILE
PSNPACK
PSNDATE

Where:

PSNFILE = File number used for validation of access [required]
PSNPACK = Name space of the calling application. Ex: PSJ for Inpatient Meds, PSO for Outpatient. PSNPACK is used to check if write access is allowed [optional]

See VA FileMan Programmer Manual for ^DIC call, for DIC, X, AND DLAYGO input definitions

PSNDATE = Inactivation Date. If the file has an Inactivation Date, then any entry with an Inactivation Date on or before PSNDATE will not be returned.


Output:

PSNDIY will return null if the values for PSNFILE and PSNPACK are valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for ^DIC output definition

DLAYGO should only be passed in if the calling application has this type of access through another Integration Agreement

 Note: This API kills DIC("S") upon entry. If the calling application passes in an inactivation date using the PSNDATE parameter, the API will set DIC("S") by utilizing that date and DIC("S") will remain defined after this call for the calling application.

Component: DIE - Edit Data

This API will accept input values and return output values as defined by VA FileMan Edit Data call ^DIE.

Status: Inactive

DIE^PSNDI(PSNFILE,PSNPACK,.DIE,.DA,DR,DIDEL)

Input:

PSNFILE
PSNPACK

Where:

PSNFILE = File number used for validation of access [required]
PSNPACK = Name space of the calling application. Ex: PSJ for Inpatient Meds, PSO for Outpatient. PSNPACK is used to check if write access is allowed [optional]

See VA FileMan Programmer Manual for ^DIE call, for DIE, DA, DR, and DIDEL input definitions

Output:

PSNDIY will return null if the values for PSNFILE and PSNPACK are valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for ^DIE output definition

Component: IX - Lookup/Add

This API will accept input values and return output values as defined by the VA FileMan Lookup/Add call IX^DIC for the following files:

DRUG INGREDIENTS (#50.416) File

VA GENERIC (#50.6) File

VA DRUG CLASS (#50.605) File

NDC/UPN (#50.67) File

DRUG INTERACTION (#56) File

Status: Active

IX^PSNDI (PSNFILE, PSNPACK, .DIC, D, .X, DLAYGO, PSNDATE)

Input:

PSNFILE

PSNPACK

PSNDATE

Where:

PSNFILE = File number used for validation of access [required]

PSNPACK = Name space of the calling application. Ex: PSJ for Inpatient Meds, PSO for Outpatient. PSNPACK is used to check if write access is allowed [optional]

See VA FileMan Programmer Manual for IX^DIC call, for DIC, D, X, and DLAYGO input definitions

PSNDATE = Inactivation Date. If the file has an Inactivation Date, then any entry with an Inactivation Date on or before PSNDATE will not be returned.



Note: This API kills DIC("S") upon entry. If the calling application passes in an inactivation date using the PSNDATE parameter, the API will set DIC("S") by utilizing that date and DIC("S") will remain defined after this call for the calling application.

Output:

PSNDIY will return null if the values for PSNFILE and PSNPACK are valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for IX^DIC output definition

DLAYGO should only be passed in if the calling application has this type of access through another Integration Agreement

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Bar Code Medication Administration (BCMA)

At this time there are no supported APIs for the Bar Code Medication Administration application.

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Outpatient Pharmacy (OP)

The Outpatient Pharmacy application, namespace PSO, provides the following Application Program Interfaces (APIs). If you need the use of an API that has not yet been made active, please email the Pharmacy Re-Engineering team using the Outlook mail group VHA OI SDD PHARM REENG DEV.

New ICR #	Old ICR #	Component	Description
1878	N/A	EN^PSOORDER	Open subscription for Outpatient Pharmacy prescription data.
4820	920	PROF^PSO52API	This component returns PRESCRIPTION file (#52) data elements by using the "P" & "A" cross reference (^PS(55,DFN,"P","A")) on the PHARMACY PATIENT file (#55).
	53, 90, 523, 591, 678, 780, 785, 824, 885, 1079, 1977,2020, 2471, 2512, 2513, 2680, 2905, 3792, 4182	RX^PSO52API	This API has defined one entry point by parameter passing, to return prescription data from the PRESCRIPTION file (#52).
4821	2906	PEN^PSO5241	Returns data elements for the PENDING OUTPATIENT ORDERS file (#52.41).
4822	786, 4703	SUS^PSO525AP	Returns data elements for the RX SUSPENSE file (#52.5).
4823	782	EN^PSO5252	Returns data elements for the CLOZAPINE PRESCRIPTION OVERRIDES file (#52.52).
4824	4223	PSO^PSO5291	Returns data elements for the TPB ELIGIBILITY file (#52.91).
4825	1975, 2511	PSO^PSO53	Returns data elements for the RX PATIENT STATUS file (#53).
4827	1976, 2621	PSS^PSO59	Returns data elements for the OUTPATIENT SITE file (#59).
4858	N/A	DIC^PSODI	Accepts input values and returns output values as defined by VA FileMan Lookup call ^DIC.
	N/A	DIQ^PSODI	Accepts input values and returns output values as defined by VA FileMan Data Retrieval call EN^DIQ1.
	N/A	GET1^DIQ	Accepts input values and returns a single field from either the PRESCRIPTION file (#52) or its sub-files as defined by the VA FileMan DBS call \$\$GET1^DIQ.
	N/A	STATUS^PSODI	Accepts input values and returns the specific field-attribute "POINTER" as defined by VA FileMan Data Retrieval call FIELD^DID. Restricted to only the STATUS field (#100) of the PRESCRIPTION file (#52).

New ICR #	Old ICR #	Component	Description
4902	N/A	ARXREF^PSO52EX	This API indicates if the RELEASED DATE/TIME, IEN, and FILL NUMBER from the PRESCRIPTION file (#52) exists in the "AR" cross-reference. The "AR" cross-reference in the format of ^PSRX("AR",RELEASED DATE/TIME,IEN,FILL NUMBER) will be used where: RELEASE DATE/TIME is either RELEASED DATE/TIME field (#31) for an Original Fill or RELEASED DATE/TIME field (#17) for a refill, IEN is the Internal Entry Number from the PRESCRIPTION file (#52), and FILL NUMBER is 0 for Original Fill, 1 for Refill 1, 2 for Refill 2, etc.
	N/A	EXTRACT^PSO52EX	This API accepts date parameters in FileMan format and returns original fill, refill, and partial fill information using the "AL" and "AM" cross references from the PRESCRIPTION file (#52).
	N/A	REF^PSO52EX	This API accepts date parameters in FileMan format and returns the "AD" cross-reference from the PRESCRIPTION file (#52).
5000	N/A	N/A	Allows package to store a pointer to PRESCRIPTION file (#52)
5014	4963	N/A	Allows package to store a pointer to OUTPATIENT SITE file (#59)

PSO5241 API – PENDING OUTPATIENT ORDERS file (#52.41)

Component: PEN

Returns data elements for the PENDING OUTPATIENT ORDERS file (#52.41).

Status: Active

PEN^PSO5241 (DFN, LIST, IEN, PLACER NUMBER)

Input:

DFN
LIST
IEN
PLACER NUMBER

Where:

DFN = IEN from the PATIENT file (#2) [required]
LIST = defined by the calling application [required]
IEN = Internal record number [optional]
PLACER NUMBER = Pointer to ORDERS file (#100) [optional]



Note: If IEN is passed in, PLACER NUMBER is ignored. If PLACER NUMBER is passed in without IEN, lookup is done on ^PS(52.41, "B" cross-reference.

If no IEN and no PLACER NUMBER is passed, ^PS(52.41,"P" cross-reference is used to return all pending orders (ORDER TYPE = NW:NEW ORDER;HD:HOLD;RNW:RENEW;RF:REFILL REQUEST)

Output:

```
^TMP($J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP($J,LIST,DFN,IEN,.01)=PLACER NUMBER(52.41,.01)
^TMP($J,LIST,DFN,IEN,2)=ORDER TYPE (52.41,2) ^External Format for the Set
of Codes
^TMP($J,LIST,DFN,IEN,8)=IEN(52.41,8)^NAME(50.7,.01)^DOSAGE
FORM(50.7,.02)^NAME (50.606,.01) - Orderable Item
^TMP($J,LIST,DFN,IEN,11)=DRUG (52.41,11) ^GENERIC NAME(50,.01)
^TMP($J,LIST,DFN, "B",PLACER NUMBER,IEN)= "
```

PSO5252 API – CLOZAPINE PRESCRIPTION OVERRIDES file (#52.52)

Component: EN

Returns data elements for the CLOZAPINE PRESCRIPTION OVERRIDES file (#52.52).

Status: Active


EN^PSO5252(LIST,IEN,RX#,SDATE,EDATE)

Input:

```
LIST
IEN
RX#
SDATE
EDATE
```

Where:

```
LIST = defined by the calling application [required]
IEN = Internal record number [optional]
RX# = Pointer to PRESCRIPTION file (#52) [optional]
SDATE = Starting Date [optional]
EDATE = Ending Date [optional]
```

 **Note:** If RX # is passed in without IEN, lookup is done on ^PS(52.52, "A". If no IEN and no RX # is passed, "B" cross-reference shall be used to return Override RXs.

Output:

```
^TMP($J,LIST,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP($J,LIST,IEN,.01)= DATE TIME (52.52,.01)
^TMP($J,LIST,IEN,1)=PRESCRIPTION NUMBER (52.52,1)^RX # (52,.01)
^TMP($J,LIST,IEN,2)=USER ENTERING (52.52,2)^NAME (200,.01)
^TMP($J,LIST,IEN,3)=APPROVING TEAM MEMBER (52.52,3)^NAME (200,.01)
^TMP($J,LIST,IEN,4)=REASON FOR LOCKOUT (52.52,4) ^External Format for the
Set of Codes
^TMP($J,LIST,IEN,5)=COMMENTS (52.52,5)
^TMP($J,LIST,"B",DATE TIME,IEN)= "
```

PSO525AP API – RX SUSPENSE file (#52.5)

Component: SUS

Returns data elements for the RX SUSPENSE file (#52.5).

Status: Active


SUS^PSO525AP(LIST,DFN,IEN,RX#,SDATE,EDATE)

Input:

LIST
DFN
IEN
RX#
SDATE
EDATE

Where:

LIST = defined by the calling application [required]
DFN = IEN from the PATIENT file (#2) [optional]
IEN = Internal record number [optional]
RX# = Pointer to PRESCRIPTION file (#52) [optional]
SDATE = Starting Suspense Date [optional]
EDATE = Ending Suspense Date [optional]

 **Note:** If IEN is passed in, RX # is ignored. If RX # is passed in without IEN, lookup is done on ^PS(52.5,"B" cross-reference. If no IEN and no RX # is passed, "AF" cross-reference shall be used to return suspended RXs. If SDATE is passed in, suspended RXs starting with this date shall be returned. If EDATE is passed in, suspended RXs up to and including this date shall be returned.

Output:

^TMP(\$J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP(\$J,LIST,DFN,IEN,.01)=RX # (52.5,01)
^TMP(\$J,LIST,DFN,IEN,.02)=Suspense Date (52.5,.02)^External Format (ex:
Sep. 12, 1999)
^TMP(\$J,LIST,DFN,IEN,.05)=Partial (52.5,.05)
^TMP(\$J,LIST,DFN,IEN,2)=Printed (52.5,2)^External Format for the Set of
Codes
^TMP(\$J,LIST,DFN,IEN,3)=CMOP INDICATOR (52.5,3)^External Format for the Set
of Codes
^TMP(\$J,LIST,DFN,IEN,9)=Fill (52.5,9)
^TMP(\$J,LIST,"B",RX#,IEN)=" "

PSO5291 API – TPB ELIGIBILITY file (#52.91)

Component: PSO

Returns data elements for the TPB ELIGIBILITY file (#52.91).

Status: Active


PSO^PSO5291(PSOIEN,PSOTXT,LIST)

Input:

PSOIEN
PSOTXT
LIST

Where:

PSOIEN = IEN [optional]
PSOTXT = Free text entry [optional]
LIST = defined by the calling application [required]

 **Note:** Either the IEN or free text entry must be present.

Note: "??" is not accepted due to the fact that TPB functionality was deactivated with patch PSO*7*227.

Output:

```

^TMP($J,LIST,PSOIEN,0)=TOTAL entries returning or -1^NO DATA FOUND
^TMP($J,LIST,PSOIEN,.01)=PATIENT (IEN) (52.91,.01)^NAME (2,.01)
^TMP($J,LIST,PSOIEN,1)=DATE PHARMACY BENEFIT BEGAN(52.91,1)^External Format
(ex: Sep. 12, 1999)
^TMP($J,LIST,PSOIEN,2)=INACTIVATION OF BENEFIT DATE(52.91,2)^External
Format (ex: Sep. 12, 1999)
^TMP($J,LIST,PSOIEN,3)=INACTIVATION REASON CODE (52.91,3)^External Format
for the Set of Codes
^TMP($J,LIST,PSOIEN,4)=DESIRED APPOINTMENT DATE(52.91,4)^External Format
(ex: Sep. 12, 1999)
^TMP($J,LIST,PSOIEN,5)=WAIT TYPE (52.91,5)^External Format for the Set of
Codes
^TMP($J,LIST,PSOIEN,6)=STATION NUMBER(52.91,6)
^TMP($J,LIST,PSOIEN,7)=INSTITUTION (52.91,7)^NAME (4,.01)
^TMP($J,LIST,PSOIEN,8)=EXCLUSION REASON (52.91,8)^External Format for the
Set of Codes
^TMP($J,LIST,PSOIEN,9)=PRIMARY CARE SCHEDULE APT DATE(52.91,9)^External
Format (ex: Sep. 12, 1999)
^TMP($J,LIST,PSOIEN,10)=RX #(52.91,10)
^TMP($J,LIST,PSOIEN,11)=DATE LETTER PRINTED(52.91,11)^External Format (ex:
Sep. 12, 1999)
^TMP($J,LIST,"B",PATIENT,PSOIEN)=" "

```

PSO52API API – PRESCRIPTION file (#52)

Component: PROF

This component returns PRESCRIPTION file (#52) data elements by using the “P” & “A” cross reference (^PS(55,DFN,"P","A")) on the PHARMACY PATIENT file (#55).

Status: Active

PROF^PSO52API(DFN,LIST,SDATE,EDATE)

Input:

```

DFN
LIST
SDATE
EDATE

```

Where:

```

DFN = IEN from the PATIENT file (#2) [required]
LIST = defined by the calling application [required]
SDATE = Starting Expiration Date [optional]
EDATE = Ending Expiration Date [optional]

```



Note: If patient does not have any prescriptions, but has archived prescriptions, a ^TMP(\$J,LIST,DFN,"ARC")="PATIENT HAS ARCHIVED PRESCRIPTION" shall be defined. If SDATE is passed in, suspended RXs starting with this date shall be returned (^PS(55,DFN,"P","A")). If EDATE is passed in, RXs up to and including this date shall be returned (^PS(55,DFN,"P","A")).

Output:

```

^TMP($J,LIST,DFN,0)=Total entries returned by patient or -1^NO PRESCRIPTION
DATA FOUND
^TMP($J,LIST,DFN,IEN,.01)=RX #(52,.01)^IEN
^TMP($J,LIST,DFN,IEN,1)=ISSUE DATE (52,1)^External Format (ex: Sep. 12,
1999)
^TMP($J,LIST,DFN,IEN,2)=PATIENT (52,2)^NAME (2,.01)
^TMP($J,LIST,DFN,IEN,3)=PATIENT STATUS (52,3)^NAME (53,.01)
^TMP($J,LIST,DFN,IEN,4)=PROVIDER (52,4)^NAME (200,.01)
^TMP($J,LIST,DFN,IEN,5)=CLINIC (52,5)^NAME (44,.01)

```

```

^TMP($J,LIST,DFN,IEN,6)=DRUG (52,6)^GENERIC NAME (50,.01)
^TMP($J,LIST,DFN,IEN,6.5)=TRADE NAME (52,6.5)
^TMP($J,LIST,DFN,IEN,7)=QTY (52,7)
^TMP($J,LIST,DFN,IEN,8)=DAYS SUPPLY (52,8)
^TMP($J,LIST,DFN,IEN,9)=# OF REFILLS (52,9)
^TMP($J,LIST,DFN,IEN,10.3)=ORDER CONVERTED (52,10.3) ^External Format for
the Set of Codes
^TMP($J,LIST,DFN,IEN,10.6)=COPIES (52,10.6)
^TMP($J,LIST,DFN,IEN,11)=MAIL/WINDOW (52,11)^External Format for the Set of
Codes
^TMP($J,LIST,DFN,IEN,16)=ENTERED BY (52,16)^NAME (200,.01)
^TMP($J,LIST,DFN,IEN,17)=UNIT PRICE OF DRUG (52,17)
^TMP($J,LIST,DFN,IEN,100)=STATUS (52,100)^External Format for the Set of
Codes
^TMP($J,LIST,DFN,"ARC")="PATIENT HAS ARCHIVED PRESCRIPTION"
^TMP($J,LIST,"B",RX #,IEN)=" "

```

Component: RX

This API has defined one entry point by parameter passing, to return prescription data from the PRESCRIPTION file (#52).

Status: Active

```
RX^PSO52API(DFN,LIST,IEN,RX#,NODE,SDATE,EDATE)
```

Input:

```

DFN
LIST
IEN
RX#
NODE
SDATE
EDATE

```

Where:

```

DFN = IEN from the PATIENT file (#2) [required]
LIST = defined by the calling application [required]
IEN = Internal prescription number [optional]
RX# = RX # field (#.01) of the PRESCRIPTION file (#52) [optional]
NODE = will be passed "null" or as a string of data, separated by commas,
containing some or all of the following 0,2,3,R,I,P,O,T,L,S,M,C,A,ICD,
and/or ST [optional]
SDATE = Start Date [optional]
EDATE = End Date [optional]

```



Note: This API has defined one entry point by parameter passing, to return data from available data nodes from the PRESCRIPTION file (#52). The variable "NODE" shall be passed null or as a string of data separated by commas. Every field from the PRESCRIPTION file (#52) shall not be returned, though the string must be defined to contain some or all of the following: 0, 2, 3, R, I, P, O, T, L, S, M, C, A, ICD, ST. Each section describes what is returned by each string variable. TRADE NAME field (#6.5) (piece 1 of the "TN" node), from the PRESCRIPTION file (#52) that is associated with DRUG NAME field (#6) will be returned as part of the 0 node data, if populated. The status and "B" cross-reference of **valid** prescriptions is always returned.

0 - returns the Zero node

2 - returns the Zero and Two nodes

3 - returns the Two and Three nodes

R - returns all refills for a prescription (If a specific refill is wanted, this variable must be passed in the following format: "R^n" (indicating which refill is wanted))

I - returns Integrated Billing (IB) data ([^null, O or R^n] if 2nd piece is defined as null IB data for both original and all refills are returned. If 2nd piece is defined as 'O' only IB data for the

original fill is returned. If 2nd piece is defined as 'R' refill data is returned and the 3rd piece is null, all refill IB data are returned, or if the 3rd piece has a number it shall return the IB node for that refill only.)

- P - returns all partial fills for a prescription
- O - returns the Orderable Item for a prescription
- T - returns the TPB node
- L - returns the Label multiple
- S - returns the SAND node
- M - returns the medication instructions (SIG)
- C - returns CMOP data
- A - returns the Activity Logs for a prescription
- ICD - returns the ICD multiple
- ST - returns the status of the prescription



Note: If NODE is passed in null, all possible nodes are returned.



Note:

RX^PSO52API will auto-expire a prescription under two conditions.

1. The API execution date is after the Rx expiration date.
2. Rx status is **not EXPIRED, DISCONTINUED or DELETED.**

When this process occurs, the following fields are updated and/or deleted depending on the prescription's status.

A. Prescription file (#52)

- Field 10.3 (ORDER CONVERTED)
- Field 82 (RE-TRANSMIT FLAG)
- Field 85 (BILLING ELIGIBILITY INDICATOR)
- Field 100 (status)

B. Rx Verify file (#52.4) <= Removed via DIK call

C. Suspense file (#52.5) <= Removed via DIK call



Note: If an invalid parameter is passed into the NODE variable the following node shall be returned: ^TMP(\$J,LIST,DFN,IEN,"INVALID REQUEST",NODE)=Invalid Data Requested

Output: (If node = 0 (zero))

```
^TMP($J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP($J,LIST,DFN,IEN,.01)=RX #(52,.01)
^TMP($J,LIST,DFN,IEN,1)=ISSUE DATE (52,1)^External Format (ex: Sep. 12,
1999)
^TMP($J,LIST,DFN,IEN,2)=PATIENT (52,2)^NAME (2,.01)
^TMP($J,LIST,DFN,IEN,3)=PATIENT STATUS (52,3)
^TMP($J,LIST,DFN,IEN,4)=PROVIDER (52,4)^NAME (200,.01)
^TMP($J,LIST,DFN,IEN,5)=CLINIC (52,5) ^NAME(44,.01)
^TMP($J,LIST,DFN,IEN,6)=DRUG (52,6)^GENERIC NAME(50,.01)
^TMP($J,LIST,DFN,IEN,6.5)=TRADE NAME (52,6.5)
^TMP($J,LIST,DFN,IEN,7)=QTY (52,7)
^TMP($J,LIST,DFN,IEN,8)=DAYS SUPPLY (52,8)
^TMP($J,LIST,DFN,IEN,9)=# OF REFILLS (52,9)
```

^TMP(\$J,LIST,DFN,IEN,10.3)=ORDER CONVERTED (52,10.3)^External Format for
 the Set of Codes
 ^TMP(\$J,LIST,DFN,IEN,10.6)=COPIES (52,10.6)
 ^TMP(\$J,LIST,DFN,IEN,11)=MAIL/WINDOW (52,11) ^External Format for the Set
 of Codes
 ^TMP(\$J,LIST,DFN,IEN,16)=ENTERED BY (52,16)^NAME (200,.01)
 ^TMP(\$J,LIST,DFN,IEN,17)=UNIT PRICE OF DRUG (52,17)

Output: (If node = 2)

^TMP(\$J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
 ^TMP(\$J,LIST,DFN,IEN,.01)=RX #(52,.01)
 ^TMP(\$J,LIST,DFN,IEN,1)=ISSUE DATE (52,1)^External Format (ex: Sep. 12,
 1999)
 ^TMP(\$J,LIST,DFN,IEN,2)=PATIENT (52,2)^NAME (2,.01)
 ^TMP(\$J,LIST,DFN,IEN,3)=PATIENT STATUS (52,3)
 ^TMP(\$J,LIST,DFN,IEN,4)=PROVIDER (52,4)^NAME (200,.01)
 ^TMP(\$J,LIST,DFN,IEN,5)=CLINIC (52,5) ^NAME(44,.01)
 ^TMP(\$J,LIST,DFN,IEN,6)=DRUG (52,6)^GENERIC NAME(50,.01)
 ^TMP(\$J,LIST,DFN,IEN,6.5)=TRADE NAME (52,6.5)
 ^TMP(\$J,LIST,DFN,IEN,7)=QTY (52,7)
 ^TMP(\$J,LIST,DFN,IEN,8)=DAYS SUPPLY (52,8)
 ^TMP(\$J,LIST,DFN,IEN,9)=# OF REFILLS (52,9)
 ^TMP(\$J,LIST,DFN,IEN,10.3)=ORDER CONVERTED (52,10.3)^External Format for
 the Set of Codes
 ^TMP(\$J,LIST,DFN,IEN,10.6)=COPIES (52,10.6)
 ^TMP(\$J,LIST,DFN,IEN,11)=MAIL/WINDOW (52,11) ^External Format for the Set
 of Codes
 ^TMP(\$J,LIST,DFN,IEN,16)=ENTERED BY (52,16)^NAME (200,.01)
 ^TMP(\$J,LIST,DFN,IEN,17)=UNIT PRICE OF DRUG (52,17)
 ^TMP(\$J,LIST,DFN,IEN,20)=DIVISION (52,20)^NAME(59,.01)
 ^TMP(\$J,LIST,DFN,IEN,21)=LOGIN DATE (52,21)^External Format (ex: Sep. 12,
 1999)
 ^TMP(\$J,LIST,DFN,IEN,22)=FILL DATE (52,22) ^External Format (ex: Sep. 12,
 1999)
 ^TMP(\$J,LIST,DFN,IEN,23)=PHARMACIST (52,23)^NAME (200,.01)
 ^TMP(\$J,LIST,DFN,IEN 24)=LOT # (52,24)
 ^TMP(\$J,LIST,DFN,IEN 25)=DISPENSED DATE (52,25)^External Format (ex: Sep.
 12, 1999)
 ^TMP(\$J,LIST,DFN,IEN,26)=EXPIRATION DATE (52,26)^External Format (ex: Sep.
 12, 1999)
 ^TMP(\$J,LIST,DFN,IEN,27)=NDC (52,27)
 ^TMP(\$J,LIST,DFN,IEN,28)=MANUFACTURER (52,28)
 ^TMP(\$J,LIST,DFN,IEN,29)=DRUG EXPIRATION DATE (52,29)^External Format (ex:
 Sep. 12, 1999)
 ^TMP(\$J,LIST,DFN,IEN,30)=GENERIC PROVIDER (52,30)
 ^TMP(\$J,LIST,DFN,IEN,31)=RELEASE DATE/TIME (52,31)^External Format (ex:
 Sep. 12, 1999)
 ^TMP(\$J,LIST,DFN,IEN 32.1)=RETURNED TO STOCK (52,32.1)^External Format (ex:
 Sep. 12, 1999)
 ^TMP(\$J,LIST,DFN,IEN,32.2)=REPRINT (52,32.2)^External Format for the Set of
 Codes
 ^TMP(\$J,LIST,DFN,IEN,32.3)=BINGO WAIT TIME (52,32.3)
 ^TMP(\$J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of
 Codes
 ^TMP(\$J,LIST,DFN,IEN,104)=VERIFYING PHARMACIST (52,104)^NAME (200,.01)
 ^TMP(\$J,LIST,"B",RX#,IEN)=" "

Output: (If node = 3)

^TMP(\$J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
 ^TMP(\$J,LIST,DFN,IEN,12)=REMARKS (52,12)
 ^TMP(\$J,LIST,DFN,IEN,20)=DIVISION (52,20)^NAME (59,.01)
 ^TMP(\$J,LIST,DFN,IEN,21)=LOGIN DATE (52,21)^External Format (ex: Sep. 12,
 1999)

```

^TMP($J,LIST,DFN,IEN,22)=FILL DATE (52,22)^External Format (ex: Sep. 12,
1999)
^TMP($J,LIST,DFN,IEN,23)=PHARMACIST (52,23)^NAME (200,.01)
^TMP($J,LIST,DFN,IEN,24)=LOT # (52,24)
^TMP($J,LIST,DFN,IEN,25)=DISPENSED DATE (52,25)^External Format (ex: Sep.
12, 1999)
^TMP($J,LIST,DFN,IEN,26)=EXPIRATION DATE (52,26)^External Format (ex: Sep.
12, 1999)
^TMP($J,LIST,DFN,IEN,26.1)=CANCEL DATE (52,26.1)^External Format (ex: Sep.
12, 1999)
^TMP($J,LIST,DFN,IEN,27)=NDC (52,27)
^TMP($J,LIST,DFN,IEN,28)=MANUFACTURER (52,28)
^TMP($J,LIST,DFN,IEN,29)=DRUG EXPIRATION DATE (52,29)^External Format (ex:
Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,30)=GENERIC PROVIDER (52,30)
^TMP($J,LIST,DFN,IEN,31)=RELEASE DATE/TIME (52,31)^External Format (ex:
Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,32.1)=RETURNED TO STOCK (52,32.1)^External Format (ex:
Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,32.2)=REPRINT (52,32.2) ^External Format for the Set
of Codes
^TMP($J,LIST,DFN,IEN,32.3)=BINGO WAIT TIME (52,32.3)
^TMP($J,LIST,DFN,IEN,34.1)=DRUG ALLERGY INDICATION (52,34.1) ^External
Format for the Set of Codes
^TMP($J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of
Codes
^TMP($J,LIST,DFN,IEN,101)=LAST DISPENSED DATE (52,101)^External Format (ex:
Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,102)=NEXT POSSIBLE FILL (52,102)^External Format (ex:
Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,102.1)=PRIOR FILL DATE (52,102.1)^External Format (ex:
Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,102.2)=PENDING NEXT POSSIBLE FILLDATE
(52,102.2)^External Format (ex: Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,104)=VERIFYING PHARMACIST (52,104)^NAME (200,.01)
^TMP($J,LIST,DFN,IEN,109)=COSIGNING PHYSICIAN (52,109)^NAME (200,.01)
^TMP($J,LIST,DFN,IEN,112)=ORIGINAL QTY (52,112)
^TMP($J,LIST,"B",RX#,IEN)=" "

```

Output: (If node = R(r)[^^n(o)])

```

^TMP($J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP($J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of
Codes
^TMP($J,LIST,DFN,IEN,"RF",0)=Total entries returned by patient or -1^NO
DATA FOUND
^TMP($J,LIST,DFN,IEN,"RF",n,.01)=REFILL DATE (52.1,.01)^External Format
(ex: Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,"RF",n,1)=QTY (52.1,1)
^TMP($J,LIST,DFN,IEN,"RF",n,1.1)=DAYS SUPPLY (52.1,1.1)
^TMP($J,LIST,DFN,IEN,"RF",n,1.2)=CURRENT UNIT PRICE OF DRUG (52.1,1.2)
^TMP($J,LIST,DFN,IEN,"RF",n,2)=MAIL/WINDOW (52.1,2) ^External Format for
the Set of Codes
^TMP($J,LIST,DFN,IEN,"RF",n,3)=REMARKS (52.1,3)
^TMP($J,LIST,DFN,IEN,"RF",n,4)=PHARMACIST NAME (52.1,4)^NAME (200,.01)
^TMP($J,LIST,DFN,IEN,"RF",n,5)=LOT # (52.1,5)
^TMP($J,LIST,DFN,IEN,"RF",n,6)=CLERK CODE (52.1,6)^NAME (200,.01)
^TMP($J,LIST,DFN,IEN,"RF",n,7)=LOGIN DATE (52.1,7)^External Format (ex:
Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,"RF",n,8)=DIVISION (52.1,8) ^NAME (59,.01)
^TMP($J,LIST,DFN,IEN,"RF",n,10.1)=DISPENSE DATE (52.1,10.1)^External Format
(ex: Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,"RF",n,12)=MANUFACTURER (52.1,12)

```

```

^TMP($J,LIST,DFN,IEN,"RF",n,13)=DRUG EXPIRATION DATE (52.1,13)^External
Format (ex: Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,"RF",n,14)=RETURNED TO STOCK (52.1,14)^External Format
(ex: Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,"RF",n,15)=PROVIDER (52.1,15)^NAME (200,.01)
^TMP($J,LIST,DFN,IEN,"RF",n,17)=RELEASED DATE/TIME (52.1,17)^External
Format (ex: Sep. 12, 1999)
^TMP($J,LIST,"B",RX#,IEN)=" "

```

Where:

n = the IEN of entry in the Refill multiple

Output: (If node = I(r)[^null,O or R^n])

```

^TMP($J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP($J,LIST,DFN,IEN,100)=STATUS (52,100)^External Format for the Set of
Codes
^TMP($J,LIST,"B",RX#,IEN)=" "

```

[ORIGINAL FILLS]

```

^TMP($J,LIST,DFN,IEN,105)=COPAY TRANSACTION TYPE (52,105)
^TMP($J,LIST,DFN,IEN,106)=IB NUMBER (52,106)^REFERENCE NUMBER(350,.01)
^TMP($J,LIST,DFN,IEN,106.5)=COPAY TYPE AUDIT (52,106.5)
^TMP($J,LIST,DFN,IEN,106.6)=COPAY EXCEEDING CAP (52,106.6)^TRANSACTION
NUMBER(354.71,.01)

```

[REFILLS]

```

^TMP($J,LIST,DFN,IEN,"IB",0)=Total entries returned by patient or -1^NO
DATA FOUND
^TMP($J,LIST,DFN,IEN,"IB",n,9)= IB NUMBER (52.1,9) ^REFERENCE
NUMBER(350,.01)
^TMP($J,LIST,DFN,IEN,"IB",n,9.1)=COPAY EXCEEDING CAP (52.1,9.1)^TRANSACTION
NUMBER(354.71,.01)

```

Where:

n = the IEN of entry in the Refill multiple for IB

Output: (If node = P)

```

^TMP($J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP($J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of
Codes
^TMP($J,LIST,DFN,IEN,"P",0)= Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,DFN,IEN,"P",n,.01)=PARTIAL DATE (52.2,.01)^External Format
(ex: Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,"P",n,.02)=MAIL/WINDOW (52.2,.02) ^External Format for
the Set of Codes
^TMP($J,LIST,DFN,IEN,"P",n,.03)=REMARKS (52.2,.03)
^TMP($J,LIST,DFN,IEN,"P",n,.04)=QTY (52.2,.04)
^TMP($J,LIST,DFN,IEN,"P",n,.041)=DAYS SUPPLY (52.2,.041)
^TMP($J,LIST,DFN,IEN,"P",n,.042)=CURRENT UNIT PRICE OF DRUG (52.2,.042)
^TMP($J,LIST,DFN,IEN,"P",n,.05)=PHARMACIST NAME (52.2,.05)^NAME (200,.01)
^TMP($J,LIST,DFN,IEN,"P",n,.06)=LOT # (52.2,.06)
^TMP($J,LIST,DFN,IEN,"P",n,.08)=LOGIN DATE (52.2,.08)^External Format (ex:
Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,"P",n,.09)=DIVISION (52.2,.09) ^NAME (59,.01)
^TMP($J,LIST,DFN,IEN,"P",n,1)=NDC (52.2,1)
^TMP($J,LIST,DFN,IEN,"P",n,5)=RETURNED TO STOCK (52.2,5)^External Format
(ex: Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,"P",n,6)=PROVIDER (52.2,6)^NAME (200,.01)
^TMP($J,LIST,DFN,IEN,"P",n,8)=RELEASE DATE/TIME (52.2,8)^External Format
(ex: Sep. 12, 1999)
^TMP($J,LIST,"B",RX#,IEN)=" "

```

Where:

n = the IEN of entry in the Partial multiple

Output: (**If node = O**)
^TMP(\$J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP(\$J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of Codes
^TMP(\$J,LIST,DFN,IEN,"OI")=IEN(52,39.2)^NAME(50.7,.01)^DOSAGE FORM(50.7,.02)^NAME (50.606,.01)
^TMP(\$J,LIST,"B",RX#,IEN)= " "

Output: (**If node = T**)
^TMP(\$J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP(\$J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of Codes
^TMP(\$J,LIST,DFN,IEN,201)=TPB RX (52,201) ^External Format for the Set of Codes
^TMP(\$J,LIST,"B",RX#,IEN)=" "

Output: (**If node = L**)
^TMP(\$J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP(\$J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of Codes
^TMP(\$J,LIST,DFN,IEN,"L",0)=Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,DFN,IEN,"L",n,.01)=LABEL DATE/TIME (52.032,.01)^External Format (ex: Sep. 12, 1999)
^TMP(\$J,LIST,DFN,IEN,"L",n,1)=RX REFERENCE (52.032,1)
^TMP(\$J,LIST,DFN,IEN,"L",n,2)=LABEL COMMENT (52.032,1)
^TMP(\$J,LIST,DFN,IEN,"L",n,3)=PRINTED BY (52.032,3)^NAME (200,.01)
^TMP(\$J,LIST,DFN,IEN,"L",n,4)=WARNING LABEL TYPE (52.032,4) ^External Format for the Set of Codes
^TMP(\$J,LIST,"B",RX#,IEN)=" "

Where:

n = the IEN of entry in the Label multiple

Output: (**If node = S**)
^TMP(\$J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP(\$J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of Codes
^TMP(\$J,LIST,DFN,IEN,301)=CLOZAPINE DOSAGE (MG/DAY) (52,301)
^TMP(\$J,LIST,DFN,IEN,302)=WBC RESULTS (52,302)
^TMP(\$J,LIST,DFN,IEN,303)=DATE OF WBC TEST (52,303)^External Format (ex: Sep. 12, 1999)
^TMP(\$J,LIST,"B",RX#,IEN)=" "

Output: (**If node = M**)
^TMP(\$J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP(\$J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of Codes
^TMP(\$J,LIST,DFN,IEN,"M",0)=Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,DFN,IEN,"M",n,0)=MEDICATION INSTRUCTIONS(52.04,.01)
^TMP(\$J,LIST,"B",RX#,IEN)=" "

Where:

n = the IEN of entry in the Medication Instruction (SIG) multiple

Output: (**If node = C**)
^TMP(\$J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP(\$J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of Codes
^TMP(\$J,LIST,DFN,IEN,"C",0)=Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,DFN,IEN,"C",n,2)=RX INDICATOR (52.01,2)
^TMP(\$J,LIST,DFN,IEN,"C",n,3)=STATUS (52.01,3) ^External Format for the Set of Codes
^TMP(\$J,LIST,DFN,IEN,"C",n,4)=NDC (52.10,4)
^TMP(\$J,LIST,"B",RX#,IEN)=" "

Where:

n = the IEN of entry in the CMOP Event multiple

Output: (If node = A)

```
^TMP($J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP($J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of
Codes
^TMP($J,LIST,DFN,IEN,"A",0)=Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,DFN,IEN,"A",n,.01)=ACTIVITY LOG (52.03,.01)^External Format
(ex: Sep. 12, 1999)
^TMP($J,LIST,DFN,IEN,"A",n,.02)=REASON (52.03,.02) ^External Format for the
Set of Codes
^TMP($J,LIST,DFN,IEN,"A",n,.03)=INITIATOR OF ACTIVITY (52.03,.03)^NAME
(200,.01)
^TMP($J,LIST,DFN,IEN,"A",n,.04)=RX REFERENCE (52.03,.04)
^TMP($J,LIST,DFN,IEN,"A",n,.05)=COMMENTS (52.30,.05)
^TMP($J,LIST,"B",RX#,IEN)=""
```

Where:

n = the IEN of entry in the Activity Log multiple

Output: (If node = ICD)

```
^TMP($J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP($J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of
Codes
^TMP($J,LIST,DFN,IEN,"ICD",0)=Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,DFN,IEN,"ICD",n,.01)=ICD DIAGNOSIS (52.052311,.01)^CODE NUMBER
(80,.01)
^TMP($J,LIST,DFN,IEN,"ICD",n,1)=AGENT ORANGE (52.052311,1)^External Format
for the Set of Codes
^TMP($J,LIST,DFN,IEN,"ICD",n,2)=IONIZING RADIATION (52.052311,2)^External
Format for the Set of Codes
^TMP($J,LIST,DFN,IEN,"ICD",n,3)=SERVICE CONNECTION (52.052311,3)^External
Format for the Set of Codes
^TMP($J,LIST,DFN,IEN,"ICD",n,4)=ENVIRONMENTAL CONTAMINANTS
(52.052311,4)^External Format for the Set of Codes
^TMP($J,LIST,DFN,IEN,"ICD",n,5)=MILITARY SEXUAL TRAUMA
(52.052311,5)^External Format for the Set of Codes
^TMP($J,LIST,DFN,IEN,"ICD",n,6)=HEAD AND/OR NECK CANCER
(52.052311,6)^External Format for the Set of Codes
^TMP($J,LIST,DFN,IEN,"ICD",n,7)=COMBAT VETERAN (52.052311,7)^External
Format for the Set of Codes
```

Where:

n = the IEN of entry in the ICD multiple

Output: (If node = ST)

```
^TMP($J,LIST,DFN,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP($J,LIST,DFN,IEN,100)=STATUS (52,100) ^External Format for the Set of
Codes
^TMP($J,LIST,"B",RX#,IEN)=""
```

PSO52EX API — PRESCRIPTION file (#52)

Component: ARXREF

This API indicates if the RELEASED DATE/TIME, IEN, and FILL NUMBER from the PRESCRIPTION file (#52) exists in the "AR" cross-reference. The "AR" cross-reference in the format of ^PSRX("AR",RELEASED DATE/TIME,IEN,FILL NUMBER) will be used where: RELEASE DATE/TIME is either RELEASED DATE/TIME field (#31) for an Original Fill or RELEASED DATE/TIME field (#17) for a refill, IEN is the Internal Entry Number from the PRESCRIPTION file (#52), and FILL NUMBER is 0 for Original Fill, 1 for Refill 1, 2 for Refill 2, etc.

Status: Active

S X=\$ARXREF^PSO52EX(PSODATE,PSO IEN,PSOFILL)

Input:

PSODATE
PSOIEN
PSOFILL

Where:

PSODATE = Release date/time of prescription [REQUIRED]
PSOIEN = Internal entry number from the PRESCRIPTION file (#52) [REQUIRED]
PSOFILL = Fill number of prescription (0 for Original Fill, 1 for Refill #1, 2 for Refill #2, etc.) [REQUIRED]

Output:

\$\$ARXREF

Where \$\$ARXREF is:

0 (zero) = Data does not exist in the "AR" cross reference, indicating the fill was not dispensed from the Consolidated Mail Outpatient Pharmacy (CMOP)
1 (one) = Data does exist in the "AR" cross reference, indicating the fill was dispensed from the Consolidated Mail Outpatient Pharmacy (CMOP)

Component: EXTRACT

This API accepts date parameters in FileMan format and returns original fill, refill, and partial fill information using the "AL" and "AM" cross-references from the PRESCRIPTION file (#52).

Status: Active

EXTRACT^PSO52EX(SDATE,EDATE,LIST)

Input:

SDATE
EDATE
LIST

Where:

SDATE = Start date of record retrieval. (FileMan format date ex: 3030917) [REQUIRED]
EDATE = End date of record retrieval. A null value will return all entries to date. (FileMan format date ex: 3030917) [OPTIONAL]
LIST = Subscript name used in the ^TMP Global [REQUIRED]

Output:

^TMP(\$J,LIST,0)=Total entries found in X-refs or -1^NO DATA FOUND

Original Fill: (Returned every time)

^TMP(\$J,LIST,IEN,.01) = RX # (52,.01)
^TMP(\$J,LIST,IEN,2) = PATIENT (52,2)^NAME (2,.01)
^TMP(\$J,LIST,IEN,6) = DRUG (52,6)^GENERIC NAME (50,.01)
^TMP(\$J,LIST,IEN,7) = QTY (52,7)
^TMP(\$J,LIST,IEN,8) = DAYS SUPPLY (52,8)
^TMP(\$J,LIST,IEN,17) = UNIT PRICE OF DRUG (52,17)

Refills:

^TMP(\$J,LIST,IEN,"RF",0) = # OF ENTRIES
^TMP(\$J,LIST,IEN,"RF",n,.01) = REFILL DATE (52.1,.01)^External format
^TMP(\$J,LIST,IEN,"RF",n,1) = QTY (52.1,1)
^TMP(\$J,LIST,IEN,"RF",n,1.1) = DAYS SUPPLY (52.1,1.1)
^TMP(\$J,LIST,IEN,"RF",n,1.2) = CURRENT UNIT PRICE OF DRUG (52.1,1.2)

Partial Fills:

^TMP(\$J,LIST,IEN,"P",0)=# OF ENTRIES
^TMP(\$J,LIST,IEN,"P",n,.01) = PARTIAL DATE (52.2,.01)^External format
^TMP(\$J,LIST,IEN,"P",n,.04) = QTY (52.2,.04)
^TMP(\$J,LIST,IEN,"P",n,.041) = DAYS SUPPLY (52.2,.041)
^TMP(\$J,LIST,IEN,"P",n,.042) = CURRENT UNIT PRICE OF DRUG (52.2,.042)

```
(Returned every time)
^TMP($J,LIST,"AL",Date/Time,IEN,Fill)=" "
^TMP($J,LIST,"AM",Date/Time,IEN,Fill)=" "
```

Where:

n = the IEN of entry in the Refill multiple

Component: REF

This API accepts date parameters in FileMan format and returns the "AD" cross-reference from the PRESCRIPTION file (#52).

Status: Active

```
REF^PSO52EX(SDATE,EDATE,LIST)
```

Input:

```
SDATE
EDATE
LIST
```

Where:

```
SDATE = Start date of "AD" cross reference retrieval (FileMan format date
ex: 3030917) [REQUIRED]
EDATE = End date of "AD" cross reference retrieval. A null value will
return only entries from the start date passed in SDATE. (FileMan format
date ex: 3030917) [OPTIONAL]
LIST = Subscript name used in the ^TMP Global [REQUIRED]
```

Output:

```
^TMP($J,LIST,"AD",Date,RX,Fill)=" "
```

PSO53 API – RX PATIENT STATUS file (#53)

Component: PSO

Returns data elements for the RX PATIENT STATUS file (#53).

Status: Active

```
PSO^PSO53(PSOIEN,PSOTXT,LIST)
```

Input:

```
PSOIEN
PSOTXT
LIST
```

Where:

```
PSOIEN = IEN [optional]
PSOTXT = Free text entry [optional]
LIST = defined by the calling application [required]
```



Note: Either the IEN or free text entry must be present.

Output:

```
^TMP($J,LIST,PSOIEN,0)=TOTAL entries returning or -1^NO DATA FOUND
^TMP($J,LIST,PSOIEN,.01)=NAME(53,.01)
^TMP($J,LIST,PSOIEN,2)=ABBR(53,2)
^TMP($J,LIST,PSOIEN,3)=DAYS SUPPLY(53,3)
^TMP($J,LIST,PSOIEN,4)=REFILLS(53,4)
^TMP($J,LIST,PSOIEN,5)=RENEWABLE (53,5)^External Format for the Set of
Codes
^TMP($J,LIST,PSOIEN,6)=SC/A&A/OTHER/INPATIENT/NVA (53,6)^External Format
for the Set of Codes
```

```

^TMP($J,LIST,PSOIEN,15)=EXEMPT FROM COPAYMENT (53,15)^External Format for
the Set of Codes
^TMP($J,LIST,PSOIEN,16)=EXEMPT FROM CHAMPUS BILLING (53,16)^External Format
for the Set of Codes
^TMP($J,LIST,"B",NAME,PSOIEN)=" "

```

PSO59 API – OUTPATIENT SITE file (#59)

Component: PSS

Returns data elements for the OUTPATIENT SITE file (#59).

Status: Active

PSS^PSO59(PSOIEN,PSOTXT,LIST)

Input:

```

PSOIEN
PSOTXT
LIST

```

Where:

```

PSOIEN = IEN [optional]
PSOTXT = Free text entry (a value of "??" may be used) [optional]
LIST = defined by the calling application [required]

```



Note: Either the IEN or free text entry must be present.



Note: Exact text entry in PSOTXT is necessary for data retrieval.

Output:

```

^TMP($J,LIST,PSOIEN,0)=Total entries returned by patient or -1^NO DATA
FOUND
^TMP($J,LIST,PSOIEN,.01)=NAME(59,.01)
^TMP($J,LIST,PSOIEN,.02)=MAILING FRANK STREET ADDRESS(59,.02)
^TMP($J,LIST,PSOIEN,.05)=MAILING FRANK ZIP+4 CODE(59,.05)
^TMP($J,LIST,PSOIEN,.06)=SITE NUMBER(59,.06)
^TMP($J,LIST,PSOIEN,.07)=MAILING FRANK CITY(59,.07)
^TMP($J,LIST,PSOIEN,.08)=MAILING FRANK STATE (59,.08)^NAME (5,.01)
^TMP($J,LIST,PSOIEN,1)=SITE DEA NUMBER (59,1)
^TMP($J,LIST,PSOIEN,2)=SITE (NATIONAL NAME)(59,2)^NAME (736,.01) <*** See
Note Below***>
^TMP($J,LIST,PSOIEN,100)=RELATED INSTITUTION (59,100)^NAME (4,.01)
^TMP($J,LIST,PSOIEN,101)=NPI INSTITUTION (59,101)^NAME (4,.01)
^TMP($J,LIST,PSOIEN,1003)=IB SERVICE/SECTION (59,1003)^NAME (49,.01)
^TMP($J,LIST,PSOIEN,1008)=NCPDP NUMBER (59,1008)
^TMP($J,LIST,"B",NAME,PSOIEN)=" "

```



Note: The SITE (NATIONAL NAME) field (#2) of the OUTPATIENT SITE file (#59) points to the QUIC SORT DATA file (#736), which no longer exists. Therefore, the PSO59 routine will no longer return the ^TMP(\$J,LIST,PSOIEN,2) node.

PSODI API — FileMan Calls

Component: DIC

This API will accept input values and return output values as defined by VA FileMan Lookup/Add call ^DIC.

Status: Active

DIC^PSODI(PSOFILE, .DIC, .X)

Input:

PSOFILE

Where:

PSOFILE = File number used for validation of access [required]


See VA FileMan Programmer Manual for ^DIC call for DIC and X input definitions

Output:

PSODIY will return null if the value for PSOFILE is valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for ^DIC output definition

 Note: This API will currently return data for the PRESCRIPTION file (#52) and OUTPATIENT SITE file (#59).

Component: DIQ

This API will accept input values and return output values as defined by VA FileMan Data Retrieval call EN^DIQ1.

Status: Active

DIQ^PSODI(PSOFILE, DIC, .DR, .DA, .DIQ)

Input:

PSOFILE

Where:

PSOFILE = File number used for validation of access [required]


See VA FileMan Programmer Manual for EN^DIQ1 call for DIC, DR, DA, and DIQ input definitions

Output:

PSODIY will return null if the value for PSOFILE is valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for EN^DIQ1 output definition

 Note: This API will currently return data for the PRESCRIPTION file (#52) and OUTPATIENT SITE file (#59).

Component: GET1

This API accepts input values and returns a single field from either the PRESCRIPTION file (#52) or its sub-files as defined by the VA FileMan DBS call \$\$GET1^DIQ.

Status: Active

S X=\$\$GET1^PSODI(PSOFILE, PSOIEN, PSOFIELD, PSOFLAGS, PSOWORD)

Input:

PSOFILE

PSOIEN
PSOFIELD
PSOFLAGS
PSOWORD

Where:

PSOFILE = File or sub-file number [REQUIRED]
PSOIEN = IEN for data return [REQUIRED]
PSOFIELD = Field for data return [REQUIRED]
FLAGS = Controls the processing of data returned [REQUIRED]
PSOWORD = Return of word processing fields [REQUIRED only with word processing fields]

Output:

\$\$GET1

Where \$\$GET1 is:

Returned field will be in the format "1^(field)". See VA FileMan Programmer Manual V 22.0 for \$\$GET1^DIQ output definition

Component: STATUS

This API will accept input values and return the specified field-attribute "POINTER" as defined by VA FileMan Data Retrieval call FIELD^DID. This API is restricted to only the STATUS field (#100) of the PRESCRIPTION file (#52).

Status: Active

STATUS^PSODI(PSOFILE,PSOFIELD,LIST)

Input:

PSOFILE
PSOFIELD
LIST

Where:

PSOFILE = File number used for validation of access [required]
PSOFIELD = Field number from the specified file associated with the value in PSOFILE [required]
LIST = Array name defined by the calling application [required]

Output:

PSODIY will return null if the value for PSOFILE is valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for FIELD^DID output definition



Note: Make sure LIST("POINTER") is not defined when making this call.

PSOORDER API – PRESCRIPTION file (#52)

Component: EN

Open subscription for Outpatient Pharmacy prescription data.

Status: Active

EN^PSOORDER(DFN,RX#)

Input:

DFN
RX#

Where:

DFN = IEN from the PATIENT file (#2); variable is optional

If the patient's IEN is not sent; then a null value must be passed in its place
RX# = IEN of a prescription. The IEN is obtained from either the PRESCRIPTION PROFILE MULTIPLE file (#52) in the PHARMACY PATIENT file (#55), or from the PRESCRIPTION file (#52). A separate ICR may be required to obtain the RX#.

The ^TMP("PSOR",\$J) is killed each time the entry point is called. It will be the responsibility of each developer to kill the ^TMP("PSOR",\$J) global and the DFN and Rx# variables when finished



Note: Requires version 7.0 of Outpatient Pharmacy software to be installed.

Output:

```
^TMP("PSOR",$J,RXN,0) = ID^FD^LSFD^ST^RX#^QTY^DS^RF^RFM^DRCT^  
RXCT^EXDT^RELDT^RTSDT^WPC^PAT^LDT
```

Where:

RXN = Internal Rx#
ID = Issue date of Rx
FD = Fill date of Rx
LSFD = Last fill date of Rx
ST = Status of Rx; variable has format A;B where:
A = code
B = external printable form, (e.g., A for ACTIVE, DC for discontinued)
If the status of a prescription = Hold:

Output:

```
^TMP("PSOR",$J,RXN,"HOLD",0) = HDRS^HDCOM^HDDT
```

Where:

HDRS = Hold Reason
HDCOM = Hold Comments
HDDT = Hold Date
If the status of a prescription = Suspended or has had an entry in the RX SUSPENSE file (#52.5)

Output:

```
^TMP("PSOR",$J,RXN,"SUS",0) = PRT^CMIND
```

Where:

PRT = Printed Status: Printed, or Not Printed
CMIND = CMOP Indicator; where:
Q = Queued for Transmission
X = Transmission Completed
L = Loading for Transmission
P = Printed Locally



Note: Data only appears in this field if sites have the CMOP package installed and implemented.

RX# = External Rx number
QTY = Quantity Dispensed
DS = Day Supply
RF = Number of refills
RFM = Number of refills remaining
DRCT = Drug Cost of Original Fill
RXCT = Rx Cost of Original Fill
EXDT = Expiration/Cancel date of Rx
RELDT = Release Date/Time
RTSDT = Returned to Stock Date
WPC = Was Patient Counseled (Yes/No)
PAT = Patient; variable format A;B where:
A = internal pointer and
B = external printable form
LDT = This date is the date the original Rx was added to the prescription file (#52). Login Date.
Output:

^TMP("PSOR", \$J, RXN, 1) = PR^CLK^VRP^CLN^RXP^MW^DIV^OERR#^FP^NDC^TPBRX

Where:

PR = Provider, variable format A;B where:

A = internal pointer and
B = external printable form

CLK = Entered By (clerk code); variable format A;B where:

A = internal pointer and
B = external printable form

VRP = Verifying Pharmacist; variable format A;B where:

A = internal pointer and
B = external printable form

CLN = Clinic; variable format A;B where:

A = internal pointer
B = external printable form. Data comes from the HOSPITAL
LOCATION file (#44)

RXP = Rx Patient Status; variable format A;B where:

A = internal pointer and
B = external printable form

M/W = Mail/Window Routing; variable format A;B where:

A = code
B = external printable form

DIV = Pointer to the OUTPATIENT SITE file (#59)

OERR# = Order number; points to the ORDER file (#100)

FP = Finishing Person. This variable has the format A;B

where A is the internal pointer and B is external printable form.

NDC = National Drug Code.

TPBRX = This variable indicates that the Rx has been created as part of the
Transitional Pharmacy Benefit project.

CMOP Data: If applicable:

Output:

^TMP("PSOR", \$J, RXN, "CMOP", n, 0) = TRANS #^SEQ#^FILL#^CMSTA^CMDCDT^NDC

Where:

TRANS # = Transaction number; points to the CMOP TRANSMISSION file (#550.2)

SEQ # = Sequence number; represents order number sent to the CMOP
host facility

Fill # = Fill #; where:

0 = original,
1-11 = refills

CMSTA = CMOP Status; variable format A;B where:

A = code
B = external printable form

CMDCDT = CMOP cancel date

NDC = National Drug File Code - free text

Output:

^TMP("PSOR", \$J, RXN, "CMOP", 1, 1, 0) = CMDC REASON

Where:

CMDC REASON = CMOP cancel reason



Note: CMDCDT and CMDC REASON fields only populated if CMSTA = 3.

Drug Data:

Output:

^TMP("PSOR", \$J, RXN, "DRUG", 0) = DR^VA PRINT NAME^DRUGID^VA DRUG CLASS

Where:

DR = Drug in Rx; variable format A;B where:

A = internal pointer and
B = is external printable form

VA Print Name = VA Print name found in the VA PRODUCT file (#50.68)

DRUGID = CMOP ID (VA PRODUCT IDENTIFIER) found in the VA PRODUCT file
(#50.68)

VA DRUG CLASS = VA DRUG CLASSIFICATION

Output:

^TMP("PSOR", \$J, RXN, "DRUGOI", 0) = ORDERABLE ITEM

Where:

ORDERABLE ITEM = Pharmacy Orderable Item tied to the drug in the Rx;
variable format A;B where:

A = internal pointer and

B = external printable form concatenated with dose form,
(i.e., ASPIRIN TAB)

Copay: If applicable

Output:

^TMP("PSOR", \$J, RXN, "IB", 0) = COPAY TRANSACTION TYPE^IB NUMBER

Where:

COPAY TRANSACTION TYPE = 1 or 2

IB NUMBER = pointer to the INTEGRATED BILLING ACTION file (#350)

Refills:

Output:

^TMP("PSOR", \$J, RXN, "REF", n, 0) =

RFD^PR^CLK^QTY^DS^DRCT^RXCT^RELDT^RTSDT^M/W^DIV^LDT^NDC

Where:

RXN = Internal Rx #

RFD = Refill Date

PR = Provider; variable format A;B where:

A = internal pointer and

B = external printable form

CLK = Refill entry by; variable format A;B where:

A = internal pointer and

B = external printable form

QTY = Quantity Dispensed

DS = Day Supply

DRCT = Drug Cost of Refill

RXCT = Rx Cost of Refill

RELDT = Release Date/Time

RTSDT = Returned to Stock Date

M/W = Mail/Window Routing; variable format A;B where:

A = code

B = external printable form

DIV = pointer to the OUTPATIENT SITE file (#59)

LDT = This date indicates the date the refill was requested. This is not
the date the refill will be dispensed (Login Date)

NDC = National Drug Code

Partial Fills:

Output:

^TMP("PSOR", \$J, RXN, "RPAR", n, 0) =

PRD^PR^CLK^QTY^DS^DRCT^RXCT^RELDT^RTSDT^M/W^DIV^LDT^NDC

Where:

RXN = Internal Rx #

PRD = Partial Date

PR = Provider; Variable format A;B where:

A = internal pointer and

B = external printable form

CLK = Refill entry by; variable format A;B where:

A = internal pointer and

B = external printable form

QTY = Quantity Dispensed

DS = Day Supply

DRCT = Drug Cost of partial fill

RXCT = Rx Cost of partial fill

RELDT = Release Date/Time

RTSDT = Returned to Stock Date

M/W = Mail/Window Routing; variable format A;B where:

A = code

B = external printable form

DIV = pointer to the OUTPATIENT SITE file (#59)

LDT = This date indicates the date the partial fill was created(Login Date)

NDC = National Drug Code
Activity Log:
Output:
^TMP("PSOR", \$J, RXN, "ACT", n, 0) = D/T^REA^NEW PERSON^RX #^COMMENTS
Where:
D/T = Date/Time entry made
REA = Reason entry was made
NEW PERSON = Entry created by
NEW PERSON = Entry created by; variable format A;B where:
A = internal pointer and
B = external printable form
RX # = which fill the activity occurred on (original, refill, or partial)
COMMENTS = Comments about the activity that occurred
Medication Instructions:
Output:
^TMP("PSOR", \$J, RXN, "SIG", n, 0) = Condensed Medication Instructions (SIG)
^TMP("PSOR", \$J, RXN, "SIG1", n, 0) = Expanded Medication Instructions (SIG)
Dispensing Instructions:
Output:
^TMP("PSOR", \$J, RXN, "MI", N, 0) =
DOSAGE^DOSE^UNITS^NOUN^DURATION^CONJUNCTION^MRT^SCH^VERB
Where:
DOSAGE = This is the strength of the medication dispensed. This variable
can be a numeric value or free-text
DOSE = This numeric value represents the total number of pills to make a
total dosage. This value is only returned when the dosage is numeric
UNITS = This data element is the unit of measure the medication is
dispense. This variable has the format A;B where:
A is the internal pointer
B is external printable form
NOUN = This data element indicates the form the medication was dispensed,
i.e., tablet
DURATION = This indicates how long this dosage should be taken
CONJUNCTION = This data element is used for complex dosing instructions
MRT = This data element indicates how the medication is ingested
(medication route). This variable has the format A;B where:
A is the internal pointer and
B is external printable form
SCH = This data indicates when the medication is taken (schedule)
VERB = This data element indicates what action is taken to ingest the
medication
Patient Instructions:
Output: ^TMP("PSOR", \$J, RXN, "PI", n, 0) = EXPANDED PATIENT INSTRUCTIONS

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Inpatient Medications (IPM) - Unit Dose and IV

The Inpatient Medications application, namespace PSJ, provides the following Application Program Interfaces (APIs). If you need the use of an API that has not yet been made active, please email the Pharmacy Re-Engineering team using the Outlook mail group VHA OI SDD PHARM REENG DEV.

New ICR #	Old ICR #	Component	Description
4537	534, 2907	PSJ^PSJ53P1	Returns the ORDER NUMBER field (#.01), PROVIDER field (#1), MED ROUTE field (#3), SCHEDULE TYPE field (#7), START DATE/TIME field (#10), STOP DATE/TIME field (#25), SCHEDULE field (#26), STATUS field (#28), ORDERABLE ITEM field (#108), DOSAGE ORDERED field (#109), the DISPENSE DRUG sub-field (#.01) and the UNITS PER DOSE sub-field (#.02) within the DISPENSE DRUG multiple (#2) from the NON-VERIFIED ORDERS file (#53.1)
4819	1884	ALL^PSJ59P5	Returns the NAME field (#.01), DIVISION field (#.02) and INACTIVATION DATE field (#19) from the IV ROOM file (#59.5).
	1884	WRT^PSJ59P5	Changes the value of the DIVISION field (#.02) of the IV ROOM file (#59.5).
5001	N/A	N/A	Allows package to store a pointer to PHARMACY QUICK ORDER file (#57.1)

PSJ53P1 API – NON-VERIFIED ORDERS file (#53.1)

Component: PSJ

Returns the ORDER NUMBER field (#.01), PROVIDER field (#1), MED ROUTE field (#3), SCHEDULE TYPE field (#7), START DATE/TIME field (#10), STOP DATE/TIME field (#25), SCHEDULE field (#26), STATUS field (#28), ORDERABLE ITEM field (#108), DOSAGE ORDERED field (#109), the DISPENSE DRUG sub-field (#.01) and the UNITS PER DOSE sub-field (#.02) within the DISPENSE DRUG multiple (#2) from the NON-VERIFIED ORDERS file (#53.1).

Status: Active

PSJ^PSJ53P1 (PSJIEN, LIST)

Input :

PSJIEN
LIST

Where:

PSJIEN = IEN of NON-VERIFIED ORDERS file (#53.1) [required]
LIST = defined by the calling application [required]

Output :

^TMP(\$J,LIST,0)= 1 for successful return of data or -1^NO DATA FOUND
^TMP(\$J,LIST,ORDER NUMBER,.01)=ORDER NUMBER (53.1,.01)
^TMP(\$J,LIST,ORDER NUMBER,1)=PROVIDER (53.1,1 - P)^NAME (200,.01)
^TMP(\$J,LIST,ORDER NUMBER,3)=MED ROUTE (53.1,3)^NAME (51.2,.01)

```

^TMP($J,LIST,ORDER NUMBER,7)=SCHEDULE TYPE (53.1,7)^ External Format for
the Set of Codes
^TMP($J,LIST,ORDER NUMBER,10)=START DATE/TIME (53.1,10)^ External Format
(ex: Sep. 12, 1999)
^TMP($J,LIST,ORDER NUMBER,25)=STOP DATE/TIME (53.1,25)^ External Format
(ex: Sep. 12, 1999)
^TMP($J,LIST,ORDER NUMBER,26)=SCHEDULE (53.1,26)
^TMP($J,LIST,ORDER NUMBER,28)=STATUS (53.1,28)^ External Format for the Set
of Codes
^TMP($J,LIST,ORDER NUMBER,108)=ORDERABLE ITEM (53.1,108)^NAME (50.7, .01)
^TMP($J,LIST,ORDER NUMBER,109)=DOSAGE ORDERED (53.1,109)
^TMP($J,LIST,ORDER NUMBER,"DDRUG",0)=Number of drugs returned or -1^NO DATA
FOUND
^TMP($J,LIST,ORDER NUMBER,"DDRUG",Drug IEN,.01)=DISPENSE DRUG
(53.11,.01)^GENERIC NAME (50,.01)
^TMP($J,LIST,ORDER NUMBER,"DDRUG",Drug IEN,.02)= UNITS PER DOSE (53.11,.02)
^TMP($J,LIST,"B",ORDER NUMBER)=" "

```

PSJ59P5 API – IV ROOM file (#59.5)

Component: ALL

Returns the NAME field (#.01), DIVISION field (#.02) and INACTIVATION DATE field (#19) from the IV ROOM file (#59.5).

Status: Active

```
ALL^PSJ59P5(PSJIEN,PSJTXT,LIST)
```

Input:

```

PSJIEN
PSJTXT
LIST

```

Where:

```

PSJIEN = IEN of the IV ROOM file (#59.5) [optional]
PSJTXT = Free text entry (a value of "???" may be used) [optional]
LIST = defined by the calling application [required]

```

Output:

```

^TMP($J,LIST,0)=Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSJIEN,.01)=NAME (59.5,.01)
^TMP($J,LIST,PSJIEN,.02)= DIVISION (59.5,.02)^NAME(40.8,.01)
^TMP($J,LIST, PSJIEN,19)= INACTIVATION DATE (59.5,19)^External Format (ex:
Sep. 12, 1999)
^TMP($J,LIST,"B",NAME,PSJIEN)=" "

```

Component: WRT

Changes the value of the DIVISION field (#.02) of the IV ROOM file (#59.5).

Status: Active

```
WRT^PSJ59P5(PSJIEN,PSJVAL,LIST)
```

Input:

```

PSJIEN
PSJVAL
LIST

```

Where:

```

PSJIEN = IEN of the IV ROOM file (#59.5) [required]
PSJVAL = Division value [required and must be the Pointer value]

```

LIST = defined by the calling application [required]
Output:
^TMP(\$J,LIST,0)= 0 for failure or 1 for success

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Inpatient Pharmacy Automatic Replenishment/Ward Stock (AR/WS)

At this time there are no supported APIs for the Inpatient Pharmacy Automatic Replenishment / Ward Stock application.

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Controlled Substances (CS)

At this time there are no supported APIs for the Controlled Substances application.

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Drug Accountability/Inventory Interface (DA)

At this time there are no supported APIs for the Drug Accountability application.

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Consolidated Mail Outpatient Pharmacy (CMOP)

The Consolidated Mail Outpatient Pharmacy application, namespace PSX, provides the following Application Program Interfaces (APIs). If you need the use of an API that has not yet been made active, please email the Pharmacy Re-Engineering team using the Outlook mail group VHA OI SDD PHARM REENG DEV.

New ICR #	Old ICR #	Component	Description
4544	2199	PSX^PSX550	This API returns the STATUS field (#1) from the CMOP SYSTEM file (#550) for the selected CMOP System.

PSX550 API – CMOP SYSTEM file (#550)

Component: PSX

This API returns the STATUS field (#1) from the CMOP SYSTEM file (#550) for the selected CMOP System.

Status: Active

```
PSX^PSX550(PSXIEN,PSXTXT,LIST)
```

Input :

```
PSXIEN  
PSXTXT  
LIST
```

Where:

```
PSXIEN = CMOP IEN [optional]  
PSXTXT = Free text CMOP system name [optional]  
LIST = defined by the calling application [required]
```



Note: Either PSXIEN or PSXTXT must be defined.

Output :

```
^TMP($J,LIST,0)= 1 for successful return of data or -1^NO DATA FOUND  
^TMP($J,LIST,1)=STATUS (550,1)^ External Format for the Set of Codes
```

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Pharmacy Data Management (PDM)

The Pharmacy Data Management application, namespace PSS, provides the following Application Program Interfaces (APIs). If you need the use of an API that has not yet been made active, please email the Pharmacy Re-Engineering team using the Outlook mail group VHA OI SDD PHARM REENG DEV.

New ICR #	Old ICR #	Component	Description
2191	N/A	CLINIC^PSS55MIS	Returns a clinic from the HOSPITAL LOCATION file (#44) based on a provided order number and patient DFN.
	N/A	STATUS^PSS55MIS	Returns the set of codes as defined by VA FileMan Data Retrieval call FIELD^DID to the array defined by the calling application. This API is restricted to only the STATUS field (#28) in the UNIT DOSE sub-file (#55.06), STATUS field (#100) in the IV sub-file (#55.01), and the STATUS field (#5) in the NON-VA MEDS sub-file (#55.05) of the PHARMACY PATIENT file (#55).
4480	781	PSS^PSS781	Returns the Clozapine data from the "SAND" node in the PHARMACY PATIENT file (#55).
	781	WRT^PSS781	Sets the CLOZAPINE STATUS field (#54) for Mental Health in the "SAND" node in the PHARMACY PATIENT file (#55).
4533	N/A	AND^PSS50	Returns the IEN(s) and GENERIC NAME field (#.01) in the DRUG file (#50) in the array defined by the calling application. The "AND" cross-reference in the format of ^PSDRUG("AND",NATIONAL DRUG FILE ENTRY(50,20),IEN(50)) will be used.
	N/A	ARWS^PSS50	Returns fields utilized by the Automatic Replenishment/Ward Stock extract in the Pharmacy Benefits Management (PBM) application, in the DRUG file (#50) in the array defined by the calling application.
	N/A	ASP^PSS50	Returns the IEN(s) and GENERIC NAME field (#.01) in the DRUG file (#50) in the array defined by the calling application. The "ASP" cross-reference in the format of ^PSDRUG("ASP",PHARMACY ORDERALBE ITEM(50,2.1),IEN(50)) will be used.
	N/A	CLOZ^PSS50	Returns the Clozapine lab test monitor drug fields of the DRUG file (#50) in the array defined by the calling application.
	25, 106, 221, 276, 302, 553, 477	DATA^PSS50	Returns most fields in the DRUG file (#50) in the array defined by the calling application.

New ICR #	Old ICR #	Component	Description
4533 cont.	273	LAB^PSS50	Returns the lab test monitor drug fields of the DRUG file (#50) in the array defined by the calling application.
	N/A	NDC^PSS50	Returns the IEN(s) and GENERIC NAME field (#.01) in the array defined by the calling application. The “NDC” cross-reference in the format of ^PSDRUG(“NDC”,NDC(50,31),IEN(50)) will be used.
	N/A	NDF^PSS50	Returns the National Drug File (NDF) drug fields of the DRUG file (#50) in the array defined by the calling application.
	N/A	VAC^PSS50	Returns the IEN(s) and GENERIC NAME field (#.01) in the array defined by the calling application. The “VAC” cross-reference in the format of ^PSDRUG(“VAC”,NATIONAL DRUG CLASS(50,25),IEN(50)) will be used.
	N/A	ZERO^PSS50	Returns the zero node in the DRUG file (#50) in the array defined by the calling application.
4546	N/A	AP^PSS51P1	Returns the IEN(s) and NAME field (#.01) of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application when passed in the PACKAGE PREFIX field (#4) of the ADMINISTRATION SCHEDULE file (#51.1). The “AP” cross-reference in format of ^PS(51.1,“AP”_PACKAGE PREFIX(4),NAME(.01),IEN(51.1)) will be used.
	N/A	PSSDQ^PSS51P1	Displays all the entries in the ADMINISTRATION SCHEDULE file (#51.1).
	N/A	ZERO^PSS51P1	Returns the zero node and the OTHER LANGUAGE EXPASION field (#8.1) of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application.
4548	N/A	ALL^PSS51P2	Returns all fields in the MEDICATION ROUTES file (#51.2) in the array defined by the calling application. The “IV” Cross Reference will only be set for entries that have the IV FLAG field (#6) of the MEDICATION ROUTES file (#51.2) set to Yes.
4549	536,568	ZERO^PSS52P6	Returns the zero node and the INACTIVATION DATE field (#12) of the IV ADDITIVES file (#52.6) in the array defined by the calling application.

New ICR #	Old ICR #	Component	Description
4550	437, 537	ZERO^PSS52P7	Returns the zero node, the INACTIVATION DATE field (#12) and the ELECTROLYTES multiple of the IV SOLUTIONS file (#52.7) in the array defined by the calling application.
4551	N/A	DIC^PSSDI	Accepts input values and return output values as defined by VA FileMan Lookup call ^DIC.
	N/A	DO^PSSDI	This API will accept input values and return output values as defined by VA FileMan Lookup call DO^DIC1.
	N/A	EN^PSSDI	This API will accept input values and return output values as defined by VA FileMan Data Retrieval call EN^DIQ1.
	N/A	FNAME^PSSDI	Returns the field name of the specified Pharmacy file for the field number and file number passed in.
	N/A	MIX^PSSDI	Accepts input values and return output values as defined by VA FileMan Lookup/Add call MIX^DIC1.
4662	N/A	DRGIEN^PSS50P7	Returns the IEN(s) of the DRUG file (#50) in the array defined by the calling application when passing in the IEN of the PHARMACY ORDER ITEM file (#50.7). The "A50" cross-reference in format of ^PS(50.7,"A50",IEN(50.7),IEN(50)) will be used.
	N/A	ZERO^PSS50P7	Returns the zero node of the PHARMACY ORDERABLE ITEM file (#50.7) in the array defined by the calling application. A check for the existence of the zero node will be performed.
4826	117, 552, 2497 677, 3785, 4181, 533, 2228, 922, 567	PSS431^PSS55	Returns a list of Unit Dose medications from data in the UNIT DOSE sub-file (#55.06) of the PHARMACY PATIENT file (#55) and dispensed drugs from the DISPENSE DRUG sub-file (#55.07).
	2497, 677, 2475, 2228, 567	PSS432^PSS55	Returns a listing of active orders by scanning the PHARMACY PATIENT file (#55) utilizing the "AUS" cross-reference.
	117, 677, 2228	PSS433^PSS55	Returns the Unit Dose data from the "2" node of the UNIT DOSE sub-file (#55.06) of the PHARMACY PATIENT file (#55) for the DFN received.
4826 cont	677, 2228, 922	PSS435^PSS55	Returns the Start Date and Time and/or a list of active Hyperal IV Orders utilizing the "AIT" cross-reference on the STOP DATE/TIME field (#.02) for the DFN received.

New ICR #	Old ICR #	Component	Description
.	2497, 677, 3785, 4181, 535, 2228, 922, 567	PSS436^PSS55	Returns a list of the active IV Additive Information, found on the AD nodes of the PHARMACY PATIENT file (#55) for the DFN received.
4828	2682	PSS^PSS59P7	Returns the OUTPATIENT VERSION field (#49.99), ADMISSION CANCEL OF RXS field (#40.1) and the ORDERABLE ITEM STATUS TRACKER field (#81) from the PHARMACY SYSTEM file (#59.7) for the IEN or free text entry received.
4846	N/A	N/A	Allows package to store a pointer to DRUG file (#50).
Inactive	N/A	ALL^PSS32P3	Returns the TYPE field (#.01) of the APSP INTERVENTION TYPE file (#9009032.3) .
Inactive	N/A	ALL^PSS32P5	Returns the RECOMMENDATION field (#.01) of the APSP INTERVENTION RECOMMENDATION file (#9009032.5) .
Inactive	N/A	A526^PSS50	Returns the IEN(s) of the IV ADDITIVE file (#52.6) when passed in the IEN of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	A527^PSS50	Returns the IEN(s) of the IV SOLUTION file (#52.7) when passed in the IEN of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	AB^PSS50	Returns the IEN(s) and GENERIC NAME field (#.01) in the DRUG file (#50) in the array defined by the calling application. External formats will be included if applicable. The “AB” cross-reference in the format of ^PSDRUG(“AB”,ITEM NUMBER(50,.0441,.01),IEN(50),IEN(50.0441)) will be used.
Inactive	N/A	ADDOLDNM^PSS50	Adds a new entry to the OLD NAME multiple of the DRUG file (#50).
Inactive	N/A	AIU^PSS50	Returns the GENERIC NAME field (#.01) and IEN(s) of the DRUG file (#50) in the array defined by the calling application. The “AIU” cross-reference in the format of PS DRUG(“AIU”,NAME(50,.01),IEN(50)) will be used.

New ICR #	Old ICR #	Component	Description
Inactive	N/A	AOC^PSS50	Returns the IEN(s) and GENERIC NAME field (#.01) in the DRUG file (#50) in the array defined by the calling application. The "AOC" cross-reference in the format of ^PSDRUG("AOC",IEN(50.7),VA CLASSIFICATION (50.2),IEN(50)) will be used.
Inactive	N/A	AP^PSS50	Returns the IEN(s) and GENERIC NAME field (#.01) in the DRUG file (#50) in the array defined by the calling application. The "AP" cross-reference in the format of ^PSDRUG ("AP",PRIMARY DRUG (50,64),IEN(50)) will be used.
Inactive	N/A	AQ^PSS50	Indicates if the IEN passed into the DRUG file (#50) existed in the "AQ" cross-reference. The "AQ" cross-reference in the format of ^PSDRUG("AQ",IEN(50)) will be used.
Inactive	N/A	AQ1^PSS50	Returns the GENERIC NAME field (#.01) and IEN(s) of the DRUG file (#50) in the array defined by the calling application. The "AQ1" cross-reference in the format of ^PSDRUG("AQ1", CMOP ID(27),IEN(50)) will be used.
Inactive	N/A	ATC^PSS50	Returns the ATC drug fields of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	AVSN^PSS50	Returns the GENERIC NAME field (#.01), IEN(s) and SYNONYM multiple of the DRUG file (#50) in the array defined by the calling application. The "AVSN" cross-reference in the format of ^PSDRUG("AVSN",VSN(50.1.,400),IEN(50.1), IEN(50)) will be used.
Inactive	N/A	B^PSS50	Returns the IEN(s) of the DRUG file (#50) in the array defined by the calling application. The "B" cross-reference in the format of ^PSDRUG("B",NAME(50,.01),IEN(50)) will be used.
Inactive	N/A	C^PSS50	Returns the SYNONYM multiple of the DRUG file (#50) in the array defined by the calling application. The "C" cross-reference in the format of ^PSDRUG("C",SYNONYM(50.1.,01),IEN(50.1)) will be used.
Inactive	N/A	CMOP^PSS50	Returns the CMOP drug fields of the DRUG file (#50) in the array defined by the calling application.

New ICR #	Old ICR #	Component	Description
Inactive	N/A	CSYN^PSS50	Returns the SYNONYM subfield (#.01) of the SYNONYM multiple of the DRUG file (#50).
Inactive	N/A	DOSE^PSS50	Returns the dosage related fields of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	DRG^PS50	Returns the drug fields of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	DSPUNT^PSS50	Returns the DISPENSE UNITS PER ORDER UNIT field (#403) of the SYNONYM multiple of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	EDTIFCAP^PSS50	Allows editing of the ITEM NUMBER sub-field (#.01) of the IFCAP ITEM NUMBER multiple of the DRUG file (#50). The lookup call is provided in AB^PSS50 API.
Inactive	N/A	FRMALT^PSS50	Looks up the FORMULARY ALTERNATIVE multiple from the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	IEN^PSS50	Returns the IEN(s) of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	INV^PSS50	Returns the inventory drug fields of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	IU^PSS50	Returns the GENERIC NAME field (#.01) and IEN(s) of the DRUG file (#50) in the array defined by the calling application. The "IU" cross-reference in the format of ^PSDRUG("IU",APPLICATION PACKAGES'USE(50,63),IEN(50)) will be used.
Inactive	N/A	LABEL^PSS50	Returns the fields from the DRUG file (#50) when passed the IEN of the DRUG file (#50) in the array defined by the calling application. External formatting will be included if applicable. The last piece of the output contains the field name of the returned field.
Inactive	N/A	LIST^PSS50	Returns all GENERIC NAME field (#.01) and PHARMACY ORDERABLE ITEM field (#2.1) of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	LOOKUP^PSS50	Looks up a drug(s) from the DRUG file (#50) in the array defined by the calling application.

New ICR #	Old ICR #	Component	Description
Inactive	N/A	MRTN^PSS50	Returns the monitor routine drug fields of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	MSG^PSS50	Returns the IEN(s) of the DRUG file (#50) if there is data in the QUANTITY DISPENSE MESSAGE field (#215) in the array defined by the calling application.
Inactive	N/A	NOCMOP^PSS50	Returns the IEN(s) in the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	OLDNM^PSS50	Returns the OLD NAME multiple of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	SKAIU^PSS50	Sets and kills the "AIU" cross-references of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	SKAQ^PSS50	Sets and kills the "AQ" cross-reference of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	SKAQ1^PSS50	Sets and kills the "AQ1" cross-reference of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	SKB^PSS50	Will set and kill the "B" cross-reference of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	SKIU^PSS50	Sets and kills the "AU" cross-references of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	SORT^PSS50	Returns the NAME field (#.10) of the DRUG file (#50) in the array defined by the calling application. Original sort template can be found in PSOUPAT.
Inactive	N/A	WS^PSS50	Returns the ward stock drug fields of the DRUG file (#50) in the array defined by the calling application.
Inactive	N/A	ALL^PSS50P4	Returns all fields in the DRUG ELECTROLYTES file (#50.4) in the array defined by the calling application.

New ICR #	Old ICR #	Component	Description
Inactive	N/A	ADD^PSS50P66	The first API, ALL^PSS50P66, does a look-up from the DOSAGE FORM file (#50.606). The second API, ADD^PSS50P66 will add the MEDICATION ROUTES FOR DOSAGE FORM sub-field (#.01) of the MED ROUTE FOR DOSAGE FORM multiple from the DOSAGE FORM file (#50.606).
Inactive	N/A	ALL^PSS50P66	Returns most of the fields from the DOSAGE FORM file (#50.606) in the array defined by the calling application.
Inactive	N/A	IEN^PSS50P7	Returns the IEN(s) of the PHARMACY ORDERABLE ITEM file (#50.7) in the array defined by the calling application when passing in the NAME field (#.01) of the PHARMACY ORDERABLE ITEM file (#50.7). The “B” cross-reference in the format of ^PS(50.7,“B”,NAME(50.7,.01),IEN(50.7)) will be used.
Inactive	N/A	INSTR^PSS50P7	Returns the PATIENT INSTRUCTIONS field (#7) and OTHER LANGUAGE INSTRUCTIONS field (#7.1) of the PHARMACY ORDERABLE ITEM file (#50.7) in the array defined by the calling application.
Inactive	N/A	LOOKUP^PSS50P7	Returns the NAME field (#.01) of the PHARMACY ORDERABLE ITEM file (#50.7) along with the NAME field (#.01) of the DOSAGE FORM file (#50.606). Screening for the active entries from the DRUG file (#50) for specified usage will be applied before including the data in the return array. The ACTIVE DATE field (#.04) of the PHARMACY ORDERABLE ITEM file (#50.7) should be included in the screening.
Inactive	N/A	NAME^PSS50P7	Returns the NAME field (#.01) of the PHARMACY ORDERABLE ITEM file (#50.7).
Inactive	N/A	SYNONYM^PSS50P7	Returns the SYNONYM sub-field (#.01) of the SYNONYM multiple of the PHARMACY ORDERABLE ITEM file (#50.7) in the array defined by the calling application.
Inactive	N/A	A^PSS51	Returns the MEDICATION INSTRUCTION EXPANSION fields of the MEDICATION INSTRUCTION file (#51) in the array defined by the calling application.

New ICR #	Old ICR #	Component	Description
Inactive	N/A	ALL^PSS51	Returns most of the fields from the MEDICATION INSTRUCTION file (#51) in the array defined by the calling application.
Inactive	N/A	CHK^PSS51	Checks if the value is a valid entry and the INTENDED USE field (#30) from the MEDICATION INSTRUCTION file (#51) is for Outpatient use (Less than 2).
Inactive	N/A	LOOKUP^PSS51	Returns the NAME field (#.01) and EXPANSION field (#1) from the MEDICATION INSTRUCTION file (#51) in the array defined by the calling application.
Inactive	N/A	WARD^PSS51	Returns most of the fields from the MEDICATION INSTRUCTION file (#51) in the array defined by the calling application.
Inactive	N/A	ADM^PSS51P1	Validates the STANDARD ADMINISTRATION TIMES field (#1) of the ADMINISTRATION SCHEDULE file (#51.1) .
Inactive	N/A	ALL^PSS51P1	Returns all data of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application.
Inactive	N/A	HOSP^PSS51P1	Returns the fields from HOSPITAL LOCATION sub-field of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application.
Inactive	N/A	IEN^PSS51P1	Returns the IEN(s) of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application.
Inactive	N/A	IX^PSS51P1	Returns the zero node of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application when passed in the NAME field (#.01) and PACKAGE PREFIX field (#4) of the ADMINISTRATION SCHEDULE file (#51.1). The “AP” cross-reference in format of ^PS(51.1,“AP”_PACKAGE PREFIX(4),NAME(.01),IEN(51.1)) will be used.
Inactive	N/A	WARD^PSS51P1	Returns the WARD sub-field of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application.

New ICR #	Old ICR #	Component	Description
Inactive	N/A	ACP^PSS51P15	Returns the IEN(s) and NAME field (#.01) of the ADMINISTRATION SHIFT file (#51.15) in the array defined by the calling application when passed in the PACKAGE field (#4) and the ABBREVIATION field (#1) of the ADMINISTRATION SHIFT file (#51.15). The “ACP” cross-reference in format of ^PS(51.15,“ACP”_PACKAGE(4),ABBREVIATION(1),IEN(51.15)) will be used.
Inactive	N/A	ALL^PSS51P15	Returns all fields in the ADMINISTRATION SHIFT file (#51.15) in the array defined by the calling application.
Inactive	N/A	IEN^PSS51P2	Returns the IEN(s) of the MEDICATION ROUTES file (#51.2) when passed the ABBREVIATION field (#1) of the MEDICATION ROUTES file (#51.2) in the array defined by the calling application. The “C” cross-reference in format of ^PS(51.2,“C”,ABBREVIATION(52.1,1),IEN(51.2)) will be used.
Inactive	N/A	NAME^PSS51P2	Returns the IEN of the MEDICATION ROUTES file (#51.2) in the array defined by the calling application. The “B” cross-reference in format of ^PS(51.2,“B”,NAME(52.1,.01),IEN(51.2)) will be used.
Inactive	N/A	ALL^PSS51P5	Returns all fields in the ORDER UNIT file (#51.5) in the array defined by the calling application.
Inactive	N/A	EXPAN^PSS51P5	Returns all fields in the ORDER UNIT file (#51.5) in the array defined by the calling application.
Inactive	N/A	DRGIEN^PSS52P6	Returns the IEN(s) from the IV ADDITIVES file (#52.6) in the array defined by the calling application with the DRUG file (#50) IEN. The “AC” cross-reference in format of ^PS(52.6,“AC”,IEN(50),IEN(52.6)) will be used.
Inactive	N/A	DRGINFO^PSS52P6	Returns the fields in the DRUG INFORMATION multiple of the IV ADDITIVES file (#52.6) in the array defined by the calling application.
Inactive	N/A	ELYTES^PSS52P6	Returns the fields in the ELECTROLYTES multiple of the IV ADDITIVES file (#52.6) in the array defined by the calling application.

New ICR #	Old ICR #	Component	Description
Inactive	N/A	LOOKUP^PSS52P6	Returns the PRINT NAME, QUICK CODE and SYNONYM of the IV ADDITIVES file (#52.6) to the calling application to display to the user. The screening considers only active entries in the IV ADDITIVES file (#52.6) and the PHARMACY ORDERABLE ITEM field (#15) of the IV ADDITIVES file (#52.6) that are not null. Those entries with the INACTIVE DATE field (#100) in the DRUG file (#50) will be excluded.
Inactive	N/A	POI^PSS52P6	Returns the IEN(s) from the IV ADDITIVES file (#52.6) in the array defined by the calling application with the given PHARMACY ORDERABLE ITEM file (#50.7). The “AOI” cross-reference in format of ^PS(52.6,“AOI”,IEN(50.7),IEN(52.6)) will be used.
Inactive	N/A	QCODE^PSS52P6	Returns the fields in the QUICK CODE multiple of the IV ADDITIVES file (#52.6) in the array defined by the calling application.
Inactive	N/A	SYNONYM^PSS52P6	Returns the fields in the SYNONYM multiple of the IV ADDITIVES file (#52.6) in the array defined by the calling application.
Inactive	N/A	ACTSOL^PSS52P7	Returns the IEN(s), PRINT NAME, and VOLUME from the IV SOLUTIONS file (#52.7) for active entries. A count of all active entries shall be included.
Inactive	N/A	DRGIEN^PSS52P7	Returns the IEN(s) from the IV SOLUTIONS file (#52.7) in the array defined by the calling application with the DRUG file (#50) IEN. The “AC” cross-reference in format of ^PS(52.7,“AC”,IEN(50),IEN(52.7)) will be used.
Inactive	N/A	INACTDT^PSS52P7	Returns the INACTIVATION DATE (52.7,8) (ex: 3030915 or null).
Inactive	N/A	LOOKUP^PSS52P7	Returns PRINT NAME, PRINT NAME(2), and VOLUME from the IV SOLUTIONS file (#52.7).
Inactive	N/A	POI^PSS52P7	Returns the IEN(s) from the IV SOLUTIONS file (#52.7) in the array defined by the calling application with the given PHARMACY ITEM ORDERABLE file (#50.7) IEN. The “AOI” cross-reference in format of ^PS(52.7,“AOI”,IEN(50.7),IEN(52.7)) will be used.

New ICR #	Old ICR #	Component	Description
Inactive	437	POICLK^PSS52P7	Returns the PHARMACY ORDERABLE ITEM file (#50.7) IEN if the value in the PHARMACY ORDERABLE ITEM field (#9) of the IV SOLUTIONS file (#52.7) existed.
Inactive	N/A	ALL^PSS54	Returns the NAME field (#.01) and the TEXT multiple of the RX CONSULT file (#54) in the array defined by the calling application.
Inactive	N/A	LOOKUP^PSS54	Returns the NAME field (#.01) from the RX CONSULT file (#54).
Inactive	N/A	DIE^PSSDI	Accepts input values and return output values as defined by VA FileMan Edit Data call ^DIE.
Inactive	N/A	EN1^PSSDI	Accepts input values and return output values as defined by VA FileMan Print Data call EN1^DIP.
Inactive	N/A	FILE^PSSDI	Accepts input values and return output values as defined by VA FileMan Add call FILE^DIC1.
Inactive	N/A	IX^PSSDI	Accepts input values and return output values as defined by VA FileMan Lookup/Add call IX^DIC.
Inactive	N/A	HLP^PSSFILES	Returns help text for "?" input value on specified PDM file in the array defined by calling application.

PSS32P3 API – APSP INTERVENTION TYPE file (#9009032.3)

Component: ALL

Returns the TYPE field (#.01) of the APSP INTERVENTION TYPE file (#9009032.3).

Status: Inactive

ALL^PSS32P3(PSSIEN,PSSFT,LIST)

Input :

PSSIEN
PSSFT
LIST

Where:

PSSIEN = IEN of entry in APSP INTERVENTION TYPE file (#9009032.3) [optional]
PSSFT = TYPE field (#.01) of APSP INTERVENTION TYPE file (#9009032.3) (a value of "??" may be used) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = TYPE (9009032.3,.01)
^TMP(\$J,LIST,"B",TYPE,PSSIEN) = "

PSS32P5 API – APSP INTERVENTION RECOMMENDATION file (#9009032.5)

Component: ALL

Returns the RECOMMENDATION field (#.01) of the APSP INTERVENTION RECOMMENDATION file (#9009032.5).

Status: Inactive

ALL^PSS32P5(PSSIEN,PSSFT,LIST)

Input:

PSSIEN

PSSFT

LIST

Where:

PSSIEN = IEN of entry in APSP INTERVENTION RECOMMENDATION file (#9009032.5) [optional]

PSSFT = RECOMMENDATION field (#.01) of APSP INTERVENTION RECOMMENDATION file (#9009032.5) (a value of "??" may be used) [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = RECOMMENDATION (9009032.5,.01)

^TMP(\$J,LIST,"B",RECOMMENDATION,PSSIEN) = ""

PSS50 API - DRUG file (#50)

Component: A526

Returns the IEN(s) of the IV ADDITIVE file (#52.6) when passed in the IEN of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

A526^PSS50(PSSIEN,LIST)

Input:

PSSIEN

LIST

Where:

PSSIEN = IEN of the entry in DRUG file (#50)[required]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN2,.01) = PRINT NAME (52.6,.01)

^TMP(\$J,LIST,"A526",PRINT NAME,PSSIEN2) = ""

Where:

PSSIEN2 is IEN of entry in IV ADDITIVES file (#52.6)

Component: A527

Returns the IEN(s) of the IV SOLUTION file (#52.7) when passed in the IEN of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

A527^PSS50(PSSIEN,LIST)

Input:

PSSIEN
LIST

Where:

PSSIEN = IEN of entry in DRUG file (#50) [required]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN2,.01) = PRINT NAME (52.7,.01)
^TMP(\$J,LIST,"A527",PRINT NAME,PSSIEN2) = ""

Where:

PSSIEN2 is IEN of entry in IV SOLUTIONS file (#52.7)

Component: AB

Returns the IEN(s) and GENERIC NAME field (#.01) in the DRUG file (#50) in the array defined by the calling application. External formats will be included if applicable. The "AB" cross-reference in the format of ^PSDRUG("AB",ITEM NUMBER(50,0441,.01),IEN(50),IEN(50.0441)) will be used.

Status: Inactive

AB^PSS50(PSSVAL,PSSFL,PSSPK,LIST)

Input:

PSSVAL
PSSFL
PSSPK
LIST

Where:

PSSVAL = ITEM NUMBER sub-field (#.01) of the IFCAP ITEM NUMBER multiple in the DRUG file (#50) [required]

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,"IFC",0) = Total entries returned for this sub-file or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,"IFC",PSS(1),.01) = ITEM NUMBER (50.0441,.01)
^TMP(\$J,LIST,"AB",GENERIC NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the DRUG file (#50)
PSS(1) is the IEN of entry in the IFCAP ITEM NUMBER multiple

Component: ADDOLDNM

Adds a new entry to the OLD NAME multiple of the DRUG file (#50).

Status: Inactive

S X=\$\$ADDOLDNM^PSS50(PSSIEN,PSSIEN2,PSSONM,PSSDT)

Input:

PSSIEN
PSSIEN2
PSSONM

PSSDT

Where:

PSSIEN = IEN of entry in DRUG file (#50) [optional]
PSSIEN2 = IEN of entry in OLD NAMES multiple of the DRUG file (#50)
[required]
PSSONM = OLD NAMES field (#.01) of the OLD NAMES multiple of the DRUG file
(#50) [optional]
PSSDT = DATE CHANGED field (#.02) of the OLD NAMES multiple of the DRUG
file (#50) [optional]

Output:

\$\$ADDOLDNM

Where \$\$ADDOLDNM is:

0 (zero) = entry was unsuccessful
1 (one) = entry was added

Component: AIU

Returns the GENERIC NAME field (#.01) and IEN(s) of the DRUG file (#50) in the array defined by the calling application. The "AIU" cross-reference in the format of PSDRUG("AIU",NAME(50,.01),IEN(50)) will be used.

Status: Inactive

AIU^PSS50(PSSFT,PSSPK,PSSFL,LIST)

Input:

PSSFT
PSSPK
PSSFL
LIST

Where:

PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) [required]
PSSPK = Returns only those entries containing at least one of the codes in
the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK
= "IU" will return all entries for either IV, Unit Dose, or both IV and
Unit Dose) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)

Where:

PSSIEN is IEN of entry in the DRUG file (#50)

Component: AND

Returns the IEN(s) and GENERIC NAME field (#.01) in the DRUG file (#50) in the array defined by the calling application. The "AND" cross-reference in the format of ^PSDRUG("AND",NATIONAL DRUG FILE ENTRY(50,20),IEN(50)) will be used.

Status: Active

AND^PSS50(PSSVAL,PSSFL,PSSPK,LIST)

Input:

PSSVAL
PSSFL
PSSPK
LIST

Where:

PSSVAL = NATIONAL DRUG FILE ENTRY field (#20) of the DRUG file (#50)
[required]
PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in
the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK
= "IU" will return all entries for either IV, Unit Dose, or both IV and
Unit Dose) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,"AND",GENERIC NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the DRUG file (#50)

Note: The "AND" cross-reference in the format of ^PSDRUG("AND",NATIONAL DRUG
FILE ENTRY (50,20),IEN(50)) will be used for the lookup.

Component: AOC

Returns the IEN(s) and GENERIC NAME field (#.01) in the DRUG file (#50) in the array defined by the
calling application. The "AOC" cross-reference in the format of ^PSDRUG("AOC",IEN(50.7),VA
CLASSIFICATION (50.2),IEN(50)) will be used.

Status: Inactive

AOC^PSS50(PSSVAL,PSSFL,PSSPK,LIST)

Input:

PSSVAL
PSSFL
PSSPK
LIST

Where:

PSSVAL = VA CLASSIFICATION field (#2) of the DRUG file (#50) [required]
PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in
the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK
= "IU" will return all entries for either IV, Unit Dose, or both IV and
Unit Dose) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,"AOC",GENERIC NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the DRUG file (#50)

Component: AP

Returns the IEN(s) and GENERIC NAME field (#.01) in the DRUG file (#50) in the array defined by the
calling application. The "AP" cross-reference in the format of ^PSDRUG("AP",PRIMARY DRUG
(50,64),IEN(50)) will be used.

Status: Inactive

AP^PSS50(PSSVAL,PSSFL,PSSPK,LIST)

Input:

PSSVAL
PSSFL
PSSPK
LIST

Where:

PSSVAL = PRIMARY DRUG field (#64) of the DRUG file (#50) [required]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,"AP",GENERIC NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the DRUG file (#50)

Component: AQ

Indicates if the IEN passed into the DRUG file (#50) existed in the "AQ" cross-reference. The "AQ" cross-reference in the format of ^PSDRUG("AQ",IEN(50)) will be used.

Status: Inactive

S X=\$\$AQ^PSS50(PSSIEN)

Input:

PSSIEN

Where:

PSSIEN = IEN of the DRUG in the DRUG file (#50) [required]

Output:

\$\$AQ

Where \$\$AQ is:

0 (zero) = IEN does not exist in the cross-reference
1 (one) = IEN exists in the cross-reference

Component: AQ1

Returns the GENERIC NAME field (#.01) and IEN(s) of the DRUG file (#50) in the array defined by the calling application. The "AQ1" cross-reference in the format of ^PSDRUG("AQ1",CMOP ID(27),IEN(50)) will be used.

Status: Inactive

AQ1^PSS50(PSSVAL,PSSFL,PSSPK,LIST)

Input:

PSSVAL
PSSFL
PSSPK
LIST

Where:

PSSVAL = CMOP ID field (#27) of the DRUG file (#50) [required]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,"AQL",GENERIC NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the DRUG file (#50)

Component: ARWS

Returns fields utilized by the Automatic Replenishment/Ward Stock extract in the Pharmacy Benefits Management (PBM) application, in the DRUG file (#50) in the array defined by the calling application.

Status: Active

ARWS^PSS50(PSSIEN,PSSFT,LIST)

Input:

PSSIEN
PSSFT
LIST

Where:

PSSIEN = IEN of entry in DRUG file (#50) [optional]
PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??" may be used) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,2) = VA CLASSIFICATION (50,2)
^TMP(\$J,LIST,PSSIEN,3) = DEA SPECIAL HDLG (50,3)
^TMP(\$J,LIST,PSSIEN,12) = ORDER UNIT (50,12)^ABBREVIATION (51.5,.01)^EXPANSION (51.5,.02)
^TMP(\$J,LIST,PSSIEN,13) = PRICE PER ORDER UNIT (50,13)
^TMP(\$J,LIST,PSSIEN,14.5) = DISPENSE UNIT (50,14.5)
^TMP(\$J,LIST,PSSIEN,15) = DISPENSE UNITS PER ORDER UNIT (50,15)
^TMP(\$J,LIST,PSSIEN,16) = PRICE PER DISPENSE UNIT (50,16)
^TMP(\$J,LIST,PSSIEN,20) = NATIONAL DRUG FILE ENTRY (50,20)^NAME (50.6,.01)
^TMP(\$J,LIST,PSSIEN,21) = VA PRODUCT NAME (50,21)
^TMP(\$J,LIST,PSSIEN,22) = PSNDF VA PRODUCT NAME ENTRY (50,22)^NAME(50.68,.01)
^TMP(\$J,LIST,PSSIEN,23) = PACKAGE SIZE (50,23)^NAME (50.609,.01)
^TMP(\$J,LIST,PSSIEN,25) = NATIONAL DRUG CLASS (50,25)^CODE (50.605,.01)^CLASSIFICATION (50.605,1)
^TMP(\$J,LIST,PSSIEN,31) = NDC (50,31)
^TMP(\$J,LIST,PSSIEN,51) = LOCAL NON-FORMULARY (50,51)^External format for the set of codes
^TMP(\$J,LIST,PSSIEN,52) = VISN NON-FORMULARY (50,52)^External format for the set of codes
^TMP(\$J,LIST,PSSIEN,301) = AR/WS AMIS CATEGORY (50,301)^External format for the set of codes
^TMP(\$J,LIST,PSSIEN,302) = AR/WS AMIS CONVERSION NUMBER (50,302)
^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = ""

Component: ASP

Returns the IEN(s) and GENERIC NAME field (#.01) in the DRUG file (#50) in the array defined by the calling application. The “ASP” cross-reference in the format of ^PSDRUG(“ASP”,PHARMACY ORDERALBE ITEM(50,2.1),IEN(50)) will be used.

Status: Active

ASP^PSS50(PSSVAL,PSSFL,PSSPK,LIST)

Input :

PSSVAL
PSSFL
PSSPK
LIST

Where:

PSSVAL = PHARMACY ORDERABLE ITEM field (#2.1) of the DRUG file (#50)
[required]

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]

LIST = defined by the calling application [required]

Output:


^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)

^TMP(\$J,LIST,"ASP",GENERIC NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the DRUG file (#50)

 Note: The “ASP” cross-reference in the format of ^PSDRUG(“ASP”,PHARMACY ORDERABLE ITEM (50,2.1),IEN(50)) will be used for the lookup.

Component: ATC

Returns the ATC drug fields of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

ATC^PSS50(PSSIEN,PSSFT,PSSFL,PSSPK,LIST)

Input :

PSSIEN
PSSFT
PSSFL
PSSPK
LIST

Where:

PSSIEN = IEN from the DRUG file (#50) [optional]

PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??" may be used) [optional]

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK

= "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]

LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP($J,LIST,PSSIEN,212.2) = ATC MNEMONIC (50,212.2)
^TMP($J,LIST,PSSIEN,"ATC",0) = Total entries returned for this sub-file or
-1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"ATC",PSS(1),.01) = WARD GROUP FOR ATC CANISTER
(50.0212,.01)^NAME (57.5,.01)
^TMP($J,LIST,PSSIEN,"ATC",PSS(1),1) = ATC CANISTER (50.0212,1)
^TMP($J,LIST,"C",GENERIC NAME,PSSIEN) = ""
```

Where:

PSS(1) is the IEN of entry in the ATC CANISTER multiple

Component: AVSN

Returns the GENERIC NAME field (#.01), IEN(s) and SYNONYM multiple of the DRUG file (#50) in the array defined by the calling application. The "AVSN" cross-reference in the format of ^PSDRUG("AVSN",VSN(50.1,400),IEN(50.1),IEN(50)) will be used.

Status: Inactive

AVSN^PSS50(PSSVAL,PSSFL,PSSPK,LIST)

Input:

```
PSSVAL
PSSFL
PSSPK
LIST
```

Where:

```
PSSVAL = VSN sub-field (#400) of the SYNONYM multiple (#9) of the DRUG file
(#50) [required]
PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in
the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK
= "IU" will return all entries for either IV, Unit Dose, or both IV and
Unit Dose) [optional]
LIST = defined by the calling application [required]
```

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP($J,LIST,PSSIEN,"SYN",0) = Total entries returned for this sub-file or
-1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),.01) = SYNONYM (50.1,.01)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),2) = NDC CODE (50.1,2)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),3) = INTENDED USE (50.1,3)^External format
for the set of codes
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),400) = VSN (50.1,400)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),401) = ORDER UNIT
(50.1,401)^ABBREVIATION(51.5,.01)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),402) = PRICE PER ORDER UNIT (50.1,402)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),403) = DISPENSE UNITS PER ORDER UNIT
(50.1,403)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),404) = PRICE PER DISPENSE UNIT (50.1,404)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),405) = VENDOR (50.1,405)
^TMP($J,LIST,"AVSN",GENERIC NAME,PSSIEN) = ""
```

Where:

```
PSSIEN is IEN of entry in the DRUG file (#50)
PSS(1) is the IEN of entry in the SYNONYM multiple (#9)
```

Component: B

Returns the IEN(s) of the DRUG file (#50) in the array defined by the calling application. The “B” cross-reference in the format of ^PSDRUG(“B”,NAME(50,.01),IEN(50)) will be used.

Status: Inactive

B^PSS50(PSSFT,PSSFL,PSSPK,PSSRTOI,LIST)

Input:

PSSFT
PSSFL
PSSPK
PSSRTOI
LIST

Where:

PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??" may be used) [optional]

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]

PSSRTOI = If passed in a 1, return only those entries matched to a Pharmacy Orderable Item [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)

^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the DRUG file (#50)

Component: C

Returns the SYNONYM multiple of the DRUG file (#50) in the array defined by the calling application. The “C” cross-reference in the format of ^PSDRUG(“C”,SYNONYM(50.1.,01),IEN(50.1)) will be used.

Status: Inactive

C^PSS50(PSSVAL,PSSFL,PSSPK,LIST)

Input:

PSSVAL
PSSFL
PSSPK
LIST

Where:

PSSVAL = SYNONYM sub-field (#.01) of the SYNONYM multiple (#9) of the DRUG file (#50) [required]

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]

LIST = defined by the calling application [required]

Output:

```

^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,PSS(1),.01) = SYNONYM (50.1,.01)
^TMP($J,LIST,PSSIEN,PSS(1),2) = NDC CODE (50.1,2)
^TMP($J,LIST,PSSIEN,PSS(1),3) = INTENDED USE (50.1,3)^External format for
the set of codes
^TMP($J,LIST,PSSIEN,PSS(1),400) = VSN (50.1,400)
^TMP($J,LIST,PSSIEN,PSS(1),401) = ORDER UNIT (50.1,401)^ABBREVIATION
(51.5,.01)
^TMP($J,LIST,PSSIEN,PSS(1),402) = PRICE PER ORDER UNIT (50.1,402)
^TMP($J,LIST,PSSIEN,PSS(1),403) = DISPENSE UNITS PER ORDER UNIT (50.1,403)
^TMP($J,LIST,PSSIEN,PSS(1),404) = PRICE PER DISPENSE UNIT (50.1,404)
^TMP($J,LIST,PSSIEN,PSS(1),405) = VENDOR (50.1,405)
^TMP($J,LIST,"C",GENERIC NAME,PSSIEN) = ""

```

Where:

```

PSSIEN is IEN of entry in the DRUG file (#50)
PSS(1) is the IEN of entry in the SYNONYM multiple (#9)

```

Component: CLOZ

Returns the Clozapine lab test monitor drug fields of the DRUG file (#50) in the array defined by the calling application.

Status: Active

```
CLOZ^PSS50(PSSIEN,PSSFT,PSSFL,PSSPK,PSSRTOI,LIST)
```

Input:

```

PSSIEN
PSSFT
PSSFL
PSSPK
PSSRTOI
LIST

```

Where:

```

PSSIEN = IEN from the DRUG file (#50) [optional]
PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??"
may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in
the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK
= "IU" will return all entries for either IV, Unit Dose, or both IV and
Unit Dose) [optional]
PSSRTOI - If "1" returns only those entries matched to a Pharmacy Orderable
Item [optional]
LIST = defined by the calling application [required]

```

Output:

```

^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP($J,LIST,PSSIEN,"CLOZ",0) = Total entries returned for this sub-file or
-1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"CLOZ",PSS(1),.01) = LAB TEST MONITOR
(50.02,.01)^NAME(60,.01)
^TMP($J,LIST,PSSIEN,"CLOZ",PSS(1),1) = MONITOR MAX DAYS (50.02,1)
^TMP($J,LIST,PSSIEN,"CLOZ",PSS(1),2) = SPECIMEN TYPE (50.02,2)^NAME
(61,.01)
^TMP($J,LIST,PSSIEN,"CLOZ",PSS(1),3) = TYPE OF TEST (50.02,3)^External
format for the set of codes
^TMP($J,LIST,"B",GENERIC NAME,PSSIEN) = ""

```

Where:

```

PSS(1) is the IEN of entry in the CLOZAPINE LAB TEST multiple

```

Component: CMOP

Returns the CMOP drug fields of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

CMOP^PSS50(PSSIEN,PSSFT,PSSFL,PSSPK,PSSRTOI,LIST)

Input:

PSSIEN
PSSFT
PSSFL
PSSPK
PSSRTOI
LIST

Where:

PSSIEN = IEN from the DRUG file (#50) [optional]
PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]
PSSRTOI = If a "1" is passed in, then only those entries matched to a Pharmacy Orderable Item will be returned [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,28) = OP EXTERNAL DISPENSE (50,28)^External format for the set of codes
^TMP(\$J,LIST,PSSIEN,213) = CMOP DISPENSE (50,213)^External format for the set of codes
^TMP(\$J,LIST,PSSIEN,215) = QUANTITY DISPENSE MESSAGE (50,215)
^TMP(\$J,LIST,PSSIEN,"AL",0) = Total entries returned for this sub-file or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,"AL",PSS(1),.01) = ACTIVITY LOG (50.0214,.01)^External format (ex: SEP 12,1999)
^TMP(\$J,LIST,PSSIEN,"AL",PSS(1),1) = REASON (50.0214,1)^External format for the set of codes
^TMP(\$J,LIST,PSSIEN,"AL",PSS(1),2) = INITIATOR OF ACTIVITY (50.0214,2)^NAME(200,.01)
^TMP(\$J,LIST,PSSIEN,"AL",PSS(1),3) = FIELD EDITED (50.0214,3)
^TMP(\$J,LIST,PSSIEN,"AL",PSS(1),4) = NEW VALUE (50.0214,4)
^TMP(\$J,LIST,PSSIEN,"AL",PSS(1),5) = NDF UPDATE (50.0214,5)
^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = ""

Where:

PSS(1) is the IEN of entry in the ACTIVITY LOG multiple

Component: CSYN

Returns the SYNONYM subfield (#.01) of the SYNONYM multiple of the DRUG file (#50).

Status: Inactive

CSYN^PSS50(PSSIEN,PSSVAL,LIST)

Input:

PSSIEN
PSSVAL
LIST

Where:

PSSIEN = IEN of entry in DRUG file (#50) [required]
PSSVAL = SYNONYM subfield (#.01) of the SYNONYM multiple (#9) of the DRUG file (#50) [required]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,"SYN",0) = Total entries returned for this sub-file or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,PSS(1),.01) = SYNONYM (50.1,.01)
^TMP(\$J,LIST,PSSIEN,"SYN",PSS(1),403) = DISPENSE UNITS PER ORDER UNIT(50.1,403)
^TMP(\$J,LIST,"C",SYNONYM,PSSIEN) = ""

Where:

PSS(1) is the IEN of the SYNONYM multiple (#9)

Component: DATA

Returns most fields in the DRUG file (#50) in the array defined by the calling application.

Status: Active

DATA^PSS50(PSSIEN,PSSFT,PSSFL,PSSPK,PSSRTOI,LIST)

Input:

PSSIEN
PSSFT
PSSFL
PSSPK
PSSRTOI
LIST

Where:

PSSIEN = IEN from the DRUG file (#50) [optional]
PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]
PSSRTOI = If a "1" is passed in, then only those entries matched to a Pharmacy Orderable Item will be returned [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,2) = VA CLASSIFICATION (50,2)
^TMP(\$J,LIST,PSSIEN,2.1) = PHARMACY ORDERABLE ITEM (50,2.1)
^NAME(50.7,.01)^IEN of the Dosage Form file (#50.606)^NAME (50.606,.01)
^TMP(\$J,LIST,PSSIEN,3) = DEA SPECIAL HDLG (50,3)
^TMP(\$J,LIST,PSSIEN,4) = MAXIMUM DOSE PER DAY (50,4)
^TMP(\$J,LIST,PSSIEN,5) = STANDARD SIG (50,5)
^TMP(\$J,LIST,PSSIEN,6) = FSN (50,6)
^TMP(\$J,LIST,PSSIEN,8) = WARNING LABEL (50,8)
^TMP(\$J,LIST,PSSIEN,12) = ORDER UNIT (50,12)^ABBREVIATION (51.5,.01)^EXPANSION (51.5,.02)
^TMP(\$J,LIST,PSSIEN,13) = PRICE PER ORDER UNIT (50,13)
^TMP(\$J,LIST,PSSIEN,14.5) = DISPENSE UNIT (50,14.5)
^TMP(\$J,LIST,PSSIEN,15) = DISPENSE UNITS PER ORDER UNIT (50,15)
^TMP(\$J,LIST,PSSIEN,16) = PRICE PER DISPENSE UNIT (50,16)

^TMP(\$J,LIST,PSSIEN,20) = NATIONAL DRUG FILE ENTRY (50,20)^NAME (50.6,.01)
 ^TMP(\$J,LIST,PSSIEN,21) = VA PRODUCT NAME (50,21)
 ^TMP(\$J,LIST,PSSIEN,22) = PSNDF VA PRODUCT NAME ENTRY
 (50,22)^NAME(50.68,.01)
 ^TMP(\$J,LIST,PSSIEN,25) = NATIONAL DRUG CLASS (50,25)^CODE
 (50.605,.01)^CLASSIFICATION (50.605,1)
 ^TMP(\$J,LIST,PSSIEN,27) = CMOP ID (50,27)
 ^TMP(\$J,LIST,PSSIEN,31) = NDC (50,31)
 ^TMP(\$J,LIST,PSSIEN,40) = ACTION PROFILE MESSAGE (50,40)
 ^TMP(\$J,LIST,PSSIEN,51) = LOCAL NON-FORMULARY (50,51)^External format for
 the set of codes
 ^TMP(\$J,LIST,PSSIEN,52) = VISN NON-FORMULARY (50,52)^External format for
 the set of codes
 ^TMP(\$J,LIST,PSSIEN,63) = APPLICATION PACKAGES' USE (50,63)
 ^TMP(\$J,LIST,PSSIEN,64) = PRIMARY DRUG (50,64)^NAME (50.3,.01)
 ^TMP(\$J,LIST,PSSIEN,100) = INACTIVE DATE (50,100)^External format (ex: SEP
 12,1999)
 ^TMP(\$J,LIST,PSSIEN,101) = MESSAGE (50,101)
 ^TMP(\$J,LIST,PSSIEN,102) = RESTRICTION (50,102)
 ^TMP(\$J,LIST,PSSIEN,301) = AR/WS AMIS CATEGORY (50,301)^External format for
 the set of codes
 ^TMP(\$J,LIST,PSSIEN,302) = AR/WS AMIS CONVERSION NUMBER (50,302)
 ^TMP(\$J,LIST,PSSIEN,400) = SERVICE CODE (50,400)
 ^TMP(\$J,LIST,PSSIEN,"FRM",0) = Total entries returned for this sub-file or
 -1^NO DATA FOUND
 ^TMP(\$J,LIST,PSSIEN,"FRM",PSS(1),2) = FORMULARY ALTERNATIVE
 (50.065,.01)^GENERIC NAME (50,.01)
 ^TMP(\$J,LIST,PSSIEN,"OLD",0) = Total entries returned for this sub-file or
 -1^NO DATA FOUND
 ^TMP(\$J,LIST,PSSIEN,"OLD",PSS(1),.01) = OLD NAMES (50.01,.01)
 ^TMP(\$J,LIST,PSSIEN,"OLD",PSS(1),.02) = DATE CHANGED (50.01,.02)^External
 format (ex: SEP 12,1999)
 ^TMP(\$J,LIST,PSSIEN,"SYN",0) = Total entries returned for this sub-file or
 -1^NO DATA FOUND
 ^TMP(\$J,LIST,PSSIEN,"SYN",PSS(1),.01) = SYNONYM (50.1,.01)
 ^TMP(\$J,LIST,PSSIEN,"SYN",PSS(1),1) = INTENDED USE (50.1,1)^External format
 for the set of codes
 ^TMP(\$J,LIST,PSSIEN,"SYN",PSS(1),2) = NDC CODE (50.1,2)
 ^TMP(\$J,LIST,PSSIEN,"SYN",PSS(1),403) = DISPENSE UNITS PER ORDER UNIT
 (50.1,403)
 ^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = ""

Where:



Note: PSS(1) is the IEN of the multiple it referenced



Note: For the SERVICE CODE field (#400) entry returned, it will be retrieved in one of three ways:

- 1) If the DRUG entry from the DRUG file (#50) is matched to the VA PRODUCT file (#50.68), and there is data in the SERVICE CODE field (#2000) of the VA PRODUCT file (#50.68) of that match, the SERVICE CODE field will be retrieved from the SERVICE CODE field (#2000) of the VA PRODUCT file (#50.68).
- 2) If no SERVICE CODE data is found in the SERVICE CODE field (#2000) of the VA PRODUCT file (#50.68), and there is data in the SERVICE CODE field (#400) of the DRUG file (#50), the SERVICE CODE field will be retrieved from the SERVICE CODE field (#400) of the DRUG file (#50).
- 3) If no SERVICE CODE data is found in the SERVICE CODE field (#2000) of the VA PRODUCT file (#50.68), and in the SERVICE CODE field (#400) of the DRUG file (#50), the value 600000 will be returned as the SERVICE CODE.

Component: DOSE

Returns the dosage related fields of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

DOSE^PSS50(PSSIEN,PSSFT,PSSFL,PSSPK,PSSRTOI,LIST)

Input:

PSSIEN
PSSFT
PSSFL
PSSPK
PSSRTOI
LIST

Where:

PSSIEN = IEN from the DRUG file (#50) [optional]
PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]
PSSRTOI - If "1" returns only those entries matched to a Pharmacy Orderable Item [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,901) = STRENGTH (50,901)
^TMP(\$J,LIST,PSSIEN,902) = UNIT (50,902)^NAME (50.607,.01)
^TMP(\$J,LIST,PSSIEN,"LOC",0) = Total entries returned for this sub-file or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,"LOC",PSS(1),.01) = LOCAL POSSIBLE DOSAGE (50.0904,.01)
^TMP(\$J,LIST,PSSIEN,"LOC",PSS(1),1) = PACKAGE (50.0904,1)^External format for the set of codes
^TMP(\$J,LIST,PSSIEN,"LOC",PSS(1),2) = BCMA UNITS PER DOSE (50.0904,2)
^TMP(\$J,LIST,PSSIEN,"LOC",PSS(1),3) = OTHER LANGUAGE DOSAGE NAME (50.0904,3)
^TMP(\$J,LIST,PSSIEN,"POS",0) = Total entries returned for this sub-file or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,"POS",PSS(1),.01) = DISPENSE UNITS PER DOSE (50.0903,.01)
^TMP(\$J,LIST,PSSIEN,"POS",PSS(1),1) = DOSE (50.0903,1)
^TMP(\$J,LIST,PSSIEN,"POS",PSS(1),2) = PACKAGE (50.0903,2)^External format
^TMP(\$J,LIST,PSSIEN,"POS",PSS(1),3) = BCMA UNITS PER DOSE(50.0903,3)
^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = ""

Where:

PSS(1) is the IEN of the multiple it referenced

Component: DRG

Returns the drug fields of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

DRG^PSS50(PSSIEN,PSSFT,PSSFL,PSSPK,PSSRTOI,LIST)

Input:

PSSIEN
PSSFT
PSSFL
PSSPK
PSSRTOI
LIST

Where:

PSSIEN = IEN from the DRUG file (#50) [optional]
PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??"
may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in
the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK
= "IU" will return all entries for either IV, Unit Dose, or both IV and
Unit Dose) [optional]
PSSRTOI - If "1" returns only those entries matched to a Pharmacy Orderable
Item [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,62.01) = DAY (nD) or DOSE (nL) LIMIT (50,62.01)
^TMP(\$J,LIST,PSSIEN,62.02) = UNIT DOSE MED ROUTE (50,62.02)^NAME (51.2,.01)
^TMP(\$J,LIST,PSSIEN,62.03) = UNIT DOSE SCHEDULE TYPE (50,62.03)^External
format for the set of codes
^TMP(\$J,LIST,PSSIEN,62.04) = UNIT DOSE SCHEDULE (50,62.04)
^TMP(\$J,LIST,PSSIEN,62.05) = CORRESPONDING OUTPATIENT DRUG
(50,62.05)^GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,905) = CORRESPONDING INPATIENT DRUG (50,905)^GENERIC
NAME (50,.01)
^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = ""

Component: DSPUNT

Returns the DISPENSE UNITS PER ORDER UNIT field (#403) of the SYNONYM multiple of the
DRUG file (#50) in the array defined by the calling application.

Status: Inactive

DSPUNT^PSS50(PSSIEN,PSSIEN2,LIST)

Input:

PSSIEN
PSSIEN2
LIST

Where:

PSSIEN = IEN of entry in DRUG file (#50) [required]
PSSIEN2 = IEN of entry in SYNONYM multiple (#9) of the DRUG file (#50)
[required]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,"SYN",0) = Total entries returned for this sub-file or
-1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,PSS(1),.01) = SYNONYM (50.1,.01)
^TMP(\$J,LIST,PSSIEN,"SYN",PSS(1),403) = DISPENSE UNITS PER ORDER
UNIT(50.1,403)
^TMP(\$J,LIST,"C",SYNONYM,PSSIEN) = ""

Where:

PSS(1) is the IEN of the SYNONYM multiple (#9)

Component: EDTIFCAP

Allows editing of the ITEM NUMBER sub-field (#.01) of the IF CAP ITEM NUMBER multiple of the DRUG file (#50). The lookup call is provided in AB^PSS50 API.

Status: Inactive

```
S X=$$EDTIFCAP^PSS50(PSSIEN,PSSVAL)
```

Input:

```
  PSSIEN  
  PSSVAL
```

Where:

```
  PSSIEN = IEN of entry in the DRUG file (#50) [required]  
  PSSVAL = the ITEM NUMBER subfield (#.01) of the IFCAP ITEM NUMBER multiple  
           in the DRUG file (#50) [required]
```

Output:

```
  $$EDTIFCAP
```

Where \$\$EDTIFCAP is:

```
  0 (zero) = action unsuccessful  
  1 (one) = action accomplished
```

Component: FRMALT

Looks up the FORMULARY ALTERNATIVE multiple from the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

```
FRMALT^PSS50(PSSIEN,PSSFT,PSSFL,PSSPK,LIST)
```

Input:

```
  PSSIEN  
  PSSFT  
  PSSFL  
  PSSPK  
  LIST
```

Where:

```
  PSSIEN = IEN of entry in DRUG file (#50) [required]  
  PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??"  
           may be used) [required]  
  PSSFL = Inactive date: A null value will return all entries (entry of a  
           FileMan format date (ex: 3030917) will return active entries after this  
           date) [optional]  
  PSSPK = Returns only those entries containing at least one of the codes in  
           the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK  
           = "IU" will return all entries for either IV, Unit Dose, or both IV and  
           Unit Dose) [optional]  
  LIST = defined by the calling application [required]
```

Output:

```
  ^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND  
  ^TMP($J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)  
  ^TMP($J,LIST,PSSIEN,25) = NATIONAL DRUG CLASS (50,25)  
  ^TMP($J,LIST,PSSIEN,100) = INACTIVE DATE (50,100)^External format (ex: SEP  
  12,1999)  
  ^TMP($J,LIST,PSSIEN,101) = MESSAGE (50,101)  
  ^TMP($J,LIST,PSSIEN,"FRM",0) = Total entries returned for this subfile or -  
  1^NO DATA FOUND  
  ^TMP($J,LIST,PSSIEN,"FRM",PSS(1),2) = FORMULARY ALTERNATIVE  
  (50.065,2)^GENERIC NAME (50,.01)  
  ^TMP($J,LIST,"B",GENERIC NAME,PSSIEN) = ""
```

Where:

PSS(1) is the IEN of the FORMULARY ALTERNATIVE multiple

Component: IEN

Returns the IEN(s) of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

IEN^PSS50(LIST)

Input:

LIST

Where:

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)

^TMP(\$J,LIST,"AIU",GENERIC NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the DRUG file (#50)

Component: INV

Returns the inventory drug fields of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

INV^PSS50(PSSIEN,PSSFT,PSSFL,PSSPK,PSSRTOI,LIST)

PSSIEN

PSSFT

PSSFL

PSSPK

PSSRTOI

LIST

Where:

PSSIEN = IEN from the DRUG file (#50) [optional]

PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??" may be used) [optional]

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]

PSSRTOI = If a "1" is passed in, then only those entries matched to a Pharmacy Orderable Item will be returned [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)

^TMP(\$J,LIST,PSSIEN,11) = REORDER LEVEL (50,11)

^TMP(\$J,LIST,PSSIEN,12) = ORDER UNIT (50,12)^ABBREVIATION (51.5,.01)^EXPANSION (51.5,.02)

^TMP(\$J,LIST,PSSIEN,13) = PRICE PER ORDER UNIT (50,13)

^TMP(\$J,LIST,PSSIEN,14) = NORMAL AMOUNT TO ORDER (50,14)

^TMP(\$J,LIST,PSSIEN,14.5) = DISPENSE UNIT (50,14.5)

^TMP(\$J,LIST,PSSIEN,15) = DISPENSE UNITS PER ORDER UNIT (50,15)

^TMP(\$J,LIST,PSSIEN,16) = PRICE PER DISPENSE UNIT (50,16)

^TMP(\$J,LIST,PSSIEN,17) = SOURCE OF SUPPLY (50,17)

^TMP(\$J,LIST,PSSIEN,17.1) = EXPIRATION DATE (50,17.1)

```

^TMP($J,LIST,PSSIEN,50) = CURRENT INVENTORY (50,50)
^TMP($J,LIST,PSSIEN,"IFC",0) = Total entries returned for this sub-file or
-1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"IFC",PSS(1),.01) = ITEM NUMBER (50.0441,.01)
^TMP($J,LIST,PSSIEN,"SYN",0) = Total entries returned for this sub-file or
-1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),.01) = SYNONYM (50.1,.01)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),1) = INTENDED USE (50.1,1)^External format
for the set of codes
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),2) = NDC CODE (50.1,2)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),400) = VSN (50.1,400)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),401) = ORDER UNIT (50.1,401)^ABBREVIATION
(51.5,.01)^EXPANSION (51.5,.02)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),402) = PRICE PER ORDER UNIT (50.1,402)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),403) = DISPENSE UNITS PER ORDER UNIT
(50.1,403)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),404) = PRICE PER DISPENSE UNIT (50.1,404)
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),405) = VENDOR (50.1,405)
^TMP($J,LIST,"B",GENERIC NAME,PSSIEN) = ""

```

Where:

PSS(1) is the IEN of the multiple it referenced

Component: IU

Returns the GENERIC NAME field (#.01) and IEN(s) of the DRUG file (#50) in the array defined by the calling application. The "IU" cross-reference in the format of ^PSDRUG("IU",APPLICATION PACKAGES'USE(50,63),IEN(50)) will be used.

Status: Inactive

```
IU^PSS50(PSSFL,LIST)
```

Input:

```

PSSFL
LIST

```

Where:

```

PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
LIST = defined by the calling application [required]

```

Output:

```

^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)

```

Where:

PSSIEN is IEN of entry in the DRUG file (#50)

Component: LAB

Returns the lab test monitor drug fields of the DRUG file (#50) in the array defined by the calling application.

Status: Active

```
LAB^PSS50(PSSIEN,PSSFT,PSSFL,PSSPK,PSSRTOI,LIST)
```

Input:

```

PSSIEN
PSSFT
PSSFL
PSSPK
PSSRTOI
LIST

```

Where:

PSSIEN = IEN from the DRUG file (#50) [optional]
PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??"
may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in
the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK
= "IU" will return all entries for either IV, Unit Dose, or both IV and
Unit Dose) [optional]
PSSRTOI - If "1" returns only those entries matched to a Pharmacy Orderable
Item [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,17.2) = LAB TEST MONITOR (50,17.2)^NAME (60,.01)
^TMP(\$J,LIST,PSSIEN,17.3) = MONITOR MAX DAYS (50,17.3)
^TMP(\$J,LIST,PSSIEN,17.4) = SPECIMEN TYPE (50,17.4)^NAME (61,.01)
^TMP(\$J,LIST,PSSIEN,17.5) = MONITOR ROUTINE (50,17.5)
^TMP(\$J,LIST,PSSIEN,17.6) = LAB MONITOR MARK (50,17.6)^External format for
the set of codes
^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = " "

Component: LABEL

Returns the fields from the DRUG file (#50) when passed the IEN of the DRUG file (#50) in the array defined by the calling application. External formatting will be included if applicable. The last piece of the output contains the field name of the returned field.

Status: Inactive

LABEL^PSS50(PSSIEN,LIST)

Input:

PSSIEN
LIST

Where:

PSSIEN = IEN of entry in the DRUG file (#50) [required]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,25) = NATIONAL DRUG CLASS (50,25)^CODE
(50.605,.01)^CLASSIFICATION (50.605,1)
^TMP(\$J,LIST,PSSIEN,51) = LOCAL NON FORMULARY (50,51)^External format for
the set of codes
^TMP(\$J,LIST,PSSIEN,100) = INACTIVE DATE (50,100)^External format (ex: SEP
12,1999)
^TMP(\$J,LIST,PSSIEN,101) = MESSAGE (50,101)
^TMP(\$J,LIST,PSSIEN,102) = RESTRICTION (50,102)
^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = " "

Component: LIST

Returns all GENERIC NAME field (#.01) and PHARMACY ORDERABLE ITEM field (#2.1) of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

LIST^PSS50(PSSFT,PSSFL,PSSD,PSSPK,LIST)

Input :

PSSFT
PSSFL
PSSD
PSSPK
LIST

Where:

PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50)
(a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
PSSD = the index used in the lookup, (ex: "B","C" cross-reference)
PSSPK = Returns only those entries containing at least one of the codes in
the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK
= "IU" will return all entries for either IV, Unit Dose, or both IV and
Unit Dose) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,100) = INACTIVE DATE (50,100)^External format (ex: SEP
12,1999)
^TMP(\$J,LIST,PSSIEN,2.1) = PHARMACY ORDERABLE ITEM
(50,2.1)^NAME(50.7,.01)^IEN of the Dosage Form file (#50.606)
^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = ""

Component: LOOKUP

Looks up a drug(s) from the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

LOOKUP^PSS50(PSSFT,PSSFL,PSSPK,PSSIFCAP,PSSCMOP,PSSRTOI,PSSCRFL,LIST)

Input :

PSSFT
PSSFL
PSSPK
PSSIFCAP
PSSCMOP
PSSRTOI
PSSCRFL
LIST

Where:

PSSFT = A look up value that could be the GENERIC NAME field (#.01), IEN,
VA PRODUCT NAME (#21), NATIONAL DRUG CLASS (#25), or SYNONYM (#.01)
multiple of the DRUG file (#50) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in
the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK
= "IU" will return all entries for either IV, Unit Dose, or both IV and
Unit Dose) [optional]
PSSIFCAP = If this flag is passed in with a 1, the API returns those drug
entries that do not have the IFCAP ITEM NUMBER (#441) multiple existed in
the DRUG file (#50) [optional]
PSSCMOP = If this flag is passed in with a 1, the API returns those drug
entries that do not have data in the CMOP ID field (#27) of the DRUG file
(#50) [optional]

PSSRTOI = If a "1" is passed in, then only those entries matched to a Pharmacy Orderable Item will be returned [optional]
PSSD = Multiple index lookup is performed if passed in (ex: "B", "C", "VAPN", "VAC"). Otherwise only the "B" cross-reference is used [optional]
LIST = defined by the calling application [required]

☛ Note: If PSSFT = "??", the "B" cross-reference will be used and PSSD is ignored. PSSFT will allow the leading back tick to indicate an IEN lookup is desired. If there is a back tick, value passed into PSSD is ignored.

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP($J,LIST,PSSIEN,25) = NATIONAL DRUG CLASS (50,25)^CODE
(50.605,.01)^CLASSIFICATION (50.605,1)
^TMP($J,LIST,PSSIEN,100) = INACTIVE DATE (50,100)^External format
(ex: SEP 12,1999)
^TMP($J,LIST,PSSIEN,101) = MESSAGE (50,101)
^TMP($J,LIST,PSSDX,GENERIC NAME,PSSIEN) = ""
```

Where:

PSSIEN is IEN of entry in the DRUG file (#50)
PSSDX is value passed in the PSSD. If multiple values are passed in, or the back tick IEN lookup is used, "B" will be used

Component: MRTN

Returns the monitor routine drug fields of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

MRTN^PSS50(PSSIEN,PSSFT,PSSFL,PSSPK,PSSRTOI,LIST)

Input:

```
PSSIEN
PSSFT
PSSFL
PSSPK
PSSRTOI
LIST
```

Where:

PSSIEN = IEN from the DRUG file (#50) [optional]
PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]
PSSRTOI = If a "1" is passed in, then only those entries matched to a Pharmacy Orderable Item will be returned [optional]
LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP($J,LIST,PSSIEN,17.2) = LAB TEST MONITOR (50,17.2)^NAME (60,.01)
```

```
^TMP($J,LIST,PSSIEN,17.5) = MONITOR ROUTINE (50,17.5)
^TMP($J,LIST,PSSIEN,31) = NDC (50,31)
^TMP($J,LIST,"B",GENERIC NAME,PSSIEN) = ""
```

Component: MSG

Returns the IEN(s) of the DRUG file (#50) if there is data in the QUANTITY DISPENSE MESSAGE field (#215) in the array defined by the calling application.

Status: Inactive

MSG^PSS50(LIST)

Input:

LIST

Where:

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)

^TMP(\$J,LIST,PSSIEN,100) = INACTIVE DATE (50,100)^External format (ex: SEP 12,1999)

^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the DRUG file (#50)

Component: NDC

Returns the IEN(s) and GENERIC NAME field (#.01) in the array defined by the calling application. The "NDC" cross-reference in the format of ^PSDRUG("NDC",NDC(50,31),IEN(50)) will be used.

Status: Active

NDC^PSS50(PSSVAL,PSSFL,PSSPK,LIST)

Input:

PSSVAL

PSSFL

PSSPK

LIST

Where:

PSSVAL = NDC field (#31) of the DRUG file (#50) (ex: "053905099101" (without dashes) as being used in the "NDC" cross-reference) [required]



Note: Use quotes around the PSSVAL value, or use quotes around the value if setting a variable to this value to be used as the parameter, to prevent leading zeros from being truncated.

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)

^TMP(\$J,LIST,PSSIEN,"NDC",GENERIC NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the DRUG file (#50)



Note: The "NDC" cross-reference in the format of ^PSDRUG("NDC",NDC (50,31),IEN(50)) will be used for the lookup.

Component: NDF

Returns the National Drug File (NDF) drug fields of the DRUG file (#50) in the array defined by the calling application.

Status: Active

NDF^PSS50 (PSSIEN, PSSFT, PSSFL, PSSPK, PSSRTOI, LIST)

Input:

PSSIEN
PSSFT
PSSFL
PSSPK
PSSRTOI
LIST

Where:

PSSIEN = IEN from the DRUG file (#50) [optional]
PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]
PSSRTOI - If "1" returns only those entries matched to a Pharmacy Orderable Item [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,20) = NATIONAL DRUG FILE ENTRY (50,20)^NAME (50.6,.01)
^TMP(\$J,LIST,PSSIEN,21) = VA PRODUCT NAME (50,21)
^TMP(\$J,LIST,PSSIEN,22) = PSNDF VA PRODUCT NAME ENTRY (50,22)^NAME(50.68,.01)
^TMP(\$J,LIST,PSSIEN,23) = PACKAGE SIZE (50,23)^NAME (50.609,.01)
^TMP(\$J,LIST,PSSIEN,24) = PACKAGE TYPE (50,24)^NAME (50.608,.01)
^TMP(\$J,LIST,PSSIEN,25) = NATIONAL DRUG CLASS (50,25)^CODE (50.605,.01)^CLASSIFICATION (50.605,1)
^TMP(\$J,LIST,PSSIEN,27) = CMOP ID (50,27)
^TMP(\$J,LIST,PSSIEN,29) = NATIONAL FORMULARY INDICATOR (50,29)^External format for the set of codes
^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = " "

Component: NOCMOP

Returns the IEN(s) in the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

S X=\$\$NOCMOP^PSS50 (PSSIEN, PSSFL)

Input:

PSSIEN
PSSFL

Where:

PSSIEN = IEN from the DRUG file (#50) [optional]
PSSFL = Consider true for one of the screening conditions:
If PSSFL = 1 and the CMOP DISPENSE field (#213) is defined with a value of 0 (zero)
If PSSFL = 0 or not passed in and the CMOP DISPENSE field (#213) is not defined [optional]

Output:

\$\$NOCMOP

Where \$\$NOCMOP is:

0 (zero) if conditions are not met
1 (one) condition is met

Component: OLDNM

Returns the OLD NAME multiple of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

OLDNM^PSS50(PSSIEN,PSSVAL,PSSFL,PSSPK,LIST)

Input:

PSSIEN
PSSVAL
PSSFL
PSSPK
LIST

Where:

PSSIEN = IEN of entry in DRUG file (#50) [optional]
PSSVAL = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,"OLD",0) = Total entries returned for this sub-file or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,"OLD",PSS(1),.01) = OLD NAMES (50.01,.01)
^TMP(\$J,LIST,PSSIEN,"OLD",PSS(1),.02) = DATE CHANGED (50.01,.02)^External format (ex: SEP 12,1999)
^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = ""

Where:

PSS(1) is the IEN of entry in the OLD NAMES multiple

Component: SKAIU

Sets and kills the "AIU" cross-references of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

S X=\$\$SKAIU^PSS50(PSSIEN,PSSFL)

Input:

PSSIEN
PSSFL

Where:

PSSIEN = IEN of entry in DRUG file (#50) [required]
PSSFL = Either "S" (set) or "K" (kill) action [required]



Note: The APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) must be updated prior to calling this API.

Output:
\$\$SKAIU
Where \$\$SKAIU is:
0 (zero) = action unsuccessful
1 (one) = action accomplished

Component: SKAQ

Sets and kills the "AQ" cross-reference of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

S X=\$\$SKAQ^PSS50(PSSIEN,PSSFL)
Input:
PSSIEN
PSSFL
Where:
PSSIEN = IEN of entry in DRUG file (#50) [required]
PSSFL = Either "S" (set) or "K" (kill) action [required]
Output:
\$\$SKAQ
Where \$\$SKAQ is:
0 (zero) = action unsuccessful
1 (one) = action accomplished

Component: SKAQ1

Sets and kills the "AQ1" cross-reference of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

S X=\$\$SKAQ1^PSS50(PSSIEN)
Input:
PSSIEN
Where:
PSSIEN = IEN of entry in DRUG file (#50) [required]
Output:
\$\$SKAQ1
Where \$\$SKAQ1 is:
0 (zero) = action unsuccessful
1 (one) = action accomplished

Component: SKB

Will set and kill the "B" cross-reference of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

S X=\$\$SKB^PSS50(PSSIEN,PSSFL)
Input:
PSSIEN

PSSFL
 Where:
 PSSIEN = IEN of entry in DRUG file (#50) [required]
 PSSFL = Either "S" (set) or "K" (kill) action [required]
 Output:
 \$\$SKB
 Where \$\$SKB is:
 0 (zero) action unsuccessful
 1 (one) action is accomplished

Component: SKIU

Sets and kills the "AU" cross-references of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

S X=\$\$SKIU^PSS50(PSSIEN)

Input:

PSSIEN

Where:

PSSIEN = IEN of entry in DRUG file (#50) [required]



Note: The APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) must be updated prior to calling this API.

Output:

\$SKIU

Where \$SKIU is:

0 (zero) = action unsuccessful

1 (one) = action accomplished

Component: SORT

Returns the NAME field (#.10) of the DRUG file (#50) in the array defined by the calling application. Original sort template can be found in PSOUPAT.

Status: Inactive

SORT^PSS50(PSSIEN,LIST)

Input:

PSSIEN

LIST

Where:

PSSIEN = IEN of entry in the DRUG file (#50) [required]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,NAME,PSSIEN) = " "

Where:

NAME is the value in the GENERIC NAME field (#.01) of the DRUG file (#50)

Component: VAC

Returns the IEN(s) and GENERIC NAME field (#.01) in the array defined by the calling application. The "VAC" cross-reference in the format of ^PSDRUG("VAC",NATIONAL DRUG CLASS(50,25),IEN(50)) will be used.

Status: Active

VAC^PSS50(PSSVAL,PSSFL,PSSPK,LIST)

Input:

PSSVAL = the NATIONAL DRUG CLASS field (#25) of the DRUG file (#50) [required]

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)

^TMP(\$J,LIST,"VAC",GENERIC NAME,PSSIEN) = ""



Note: The "VAC" cross-reference in the format of ^PSDRUG("VAC",NATIONAL DRUG CLASS (50,25),IEN(50) will be used for the lookup.

Where:

PSSIEN is IEN of entry in the DRUG file (#50)

Component: WS

Returns the ward stock drug fields of the DRUG file (#50) in the array defined by the calling application.

Status: Inactive

WS^PSS50(PSSIEN,PSSFT,PSSFL,PSSPK,PSSRTOI,LIST)

Input:

PSSIEN

PSSFT

PSSFL

PSSPK

PSSRTOI

LIST

Where:

PSSIEN = IEN from the DRUG file (#50) [optional]

PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??" may be used) [optional]

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]

PSSRTOI = If a "1" is passed in, then only those entries matched to a Pharmacy Orderable Item will be returned [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)

^TMP(\$J,LIST,PSSIEN,300) = INPATIENT PHARMACY LOCATION (50,300)

^TMP(\$J,LIST,PSSIEN,301) = AR/WS AMIS CATEGORY (50,301)^External format for the set of codes

^TMP(\$J,LIST,PSSIEN,302) = AR/WS AMIS CONVERSION NUMBER (50,302)

^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = ""

Component: ZERO

Returns the zero node in the DRUG file (#50) in the array defined by the calling application.

Status: Active

ZERO^PSS50(PSSIEN,PSSFT,PSSFL,PSSPK,PSSRTOI,LIST)

Input:

PSSIEN
PSSFT
PSSFL
PSSPK
PSSRTOI
LIST

Where:

PSSIEN = IEN from the DRUG file (#50) [optional]
PSSFT = GENERIC NAME field (#.01) of the DRUG file (#50) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
PSSPK = Returns only those entries containing at least one of the codes in the APPLICATION PACKAGES' USE field (#63) of the DRUG file (#50) (ex: PSSPK = "IU" will return all entries for either IV, Unit Dose, or both IV and Unit Dose) [optional]
PSSRTOI = If passed in a 1, return only those entries matched to a Pharmacy Orderable Item [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,2) = VA CLASSIFICATION (50,2)
^TMP(\$J,LIST,PSSIEN,3) = DEA SPECIAL HDLG (50,3)
^TMP(\$J,LIST,PSSIEN,4) = MAXIMUM DOSE PER DAY (50,4)
^TMP(\$J,LIST,PSSIEN,5) = STANDARD SIG (50,5)
^TMP(\$J,LIST,PSSIEN,6) = FSN (50,6)
^TMP(\$J,LIST,PSSIEN,8) = WARNING LABEL (50,8)
^TMP(\$J,LIST,PSSIEN,51) = LOCAL NON-FORMULARY (50,51)^External format for the set of codes
^TMP(\$J,LIST,PSSIEN,52) = VISN NON-FORMULARY (50,52)^External format for the set of codes
^TMP(\$J,LIST,PSSIEN,101) = MESSAGE (50,101)
^TMP(\$J,LIST,"B",GENERIC NAME,PSSIEN) = ""

PSS50P4 API – DRUG ELECTROLYTES file (#50.4)

Component: ALL

Returns all fields in the DRUG ELECTROLYTES file (#50.4) in the array defined by the calling application.

Status: Inactive

ALL^PSS50P4(PSSIEN,PSSFT,LIST)

Input:

PSSIEN
PSSFT
LIST

Where:

PSSIEN = the IEN of entry in DRUG ELECTROLYTES file (#50.4) [optional]

PSSFT = NAME field (#.01) of the DRUG ELECTROLYTES file (#50.4) (a value of "??" may be used) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (50.4,.01)
^TMP(\$J,LIST,PSSIEN,1) = CONCENTRATION UNITS (50.4,1)^External format for the set of codes
^TMP(\$J,LIST,"B",NAME,PSSIEN) = ""

PSS50P66 API – DOSAGE FORM file (#50.606)

Component: ADD

The first API, ALL^PSS50P66, does a look-up from the DOSAGE FORM file (#50.606). The second API, ADD^PSS50P66, will add the MEDICATION ROUTES FOR DOSAGE FORM sub-field (#.01) of the MED ROUTE FOR DOSAGE FORM multiple from the DOSAGE FORM file (#50.606).

Status: Inactive

S X=\$\$ADD^PSS50P66(PSSIEN,PSSMR)

Input:

PSSIEN
PSSMR

Where:

PSSIEN = IEN of entry in DOSAGE FORM file (#50.606) [required]
PSSMR = IEN of entry in the MEDICATION ROUTE file (#51.2) (it is to be added to the MEDICATION ROUTE FOR DOSAGE FORM multiple (#50.6061) if is not a duplicate) [required]

Output:

\$\$ADD

Where \$\$ADD:

1 (zero) = entry was added
0 (one) = entry was not added

Component: ALL

Returns most of the fields from the DOSAGE FORM file (#50.606) in the array defined by the calling application.

Status: Inactive

ALL^PSS50P66(PSSIEN,PSSFT,PSSFL,LIST)

Input:

PSSIEN
PSSFT
PSSFL
LIST

Where:

PSSIEN = IEN of entry in DOSAGE FORM file (#50.606) [optional]
PSSFT = NAME field (#.01) of the DOSAGE FORM file (#50.606) (a value of "??" may be used) [optional]
PSSFL = Inactive date. A null value will return all entries. Entry of a FileMan format date (ex: 3030917) will return active entries after this date. [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (50.606,.01)
^TMP(\$J,LIST,PSSIEN,3) = VERB (50.606,3)

```

^TMP($J,LIST,PSSIEN,5) = PREPOSITION (50.606,5)
^TMP($J,LIST,PSSIEN,7) = INACTIVATION DATE (50.606,7)^External format (ex:
SEP 12,1999)
^TMP($J,LIST,PSSIEN,"MRDSFRM",0) = Total entries returned for this sub-file
or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"MRDSFRM",PSS(1),.01) = MED ROUTE FOR DOSAGE FORM
(50.6061,.01)^NAME (51.2,.01)
^TMP($J,LIST,PSSIEN,"NOUN",0) = Total entries returned for this sub-file or
-1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"NOUN",PSS(1),.01) = NOUN (50.6066,.01)
^TMP($J,LIST,"B",NAME,PSSIEN) = ""

```

Where:

PSS(1) is the IEN of the multiple it referenced

PSS50P7 API – PHARMACY ORDERABLE ITEM file (#50.7)

Component: DRGIEN

Returns the IEN(s) of the DRUG file (#50) in the array defined by the calling application when passing in the IEN of the PHARMACY ORDERABLE ITEM file (#50.7). The “A50” cross-reference in format of ^PS(50.7,“A50”,IEN(50.7),IEN(50)) will be used.

Status: Active

```
DRGIEN^PSS50P7(PSSIEN,PSSFL,LIST)
```

Input:

```

PSSIEN
PSSFL
LIST

```

Where:

```

PSSIEN = IEN of entry in PHARMACY ORDERABLE ITEM file (#50.7) [required]
PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
LIST = defined by the calling application [required]

```

Output:

```

^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSS50) = ""

```

Where:

PSS50 is the IEN of the DRUG file (#50)

Component: IEN

Returns the IEN(s) of the PHARMACY ORDERABLE ITEM file (#50.7) in the array defined by the calling application when passing in the NAME field (#.01) of the PHARMACY ORDERABLE ITEM file (#50.7). The “B” cross-reference in the format of ^PS(50.7,“B”,NAME(50.7,.01),IEN(50.7)) will be used.

Status: Inactive

```
IEN^PSS50P7(PSSFT,PSSFL,LIST)
```

Input:

```

PSSFT
PSSFL
LIST

```

Where:

```

PSSFT = NAME field (#.01) in the PHARMACY ORDERABLE ITEM file (#50.7) (a
value of "???" may be used) [required]

```

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN) = NAME (50.7,.01)
^TMP($J,LIST,PSSIEN,.02) = DOSAGE FORM (50.7,.02)^NAME (50.606,.01)
^TMP($J,LIST,"B",NAME,PSSIEN) = ""
```

Where:

PSSIEN is IEN of entry in the PHARMACY ORDERABLE ITEM file (#50.7)

Component: INSTR

Returns the PATIENT INSTRUCTIONS field (#7) and OTHER LANGUAGE INSTRUCTIONS field (#7.1) of the PHARMACY ORDERABLE ITEM file (#50.7) in the array defined by the calling application.

Status: Inactive

INSTR^PSS50P7(PSSIEN,PSSFT,PSSFL,LIST)

Input:

```
PSSIEN
PSSFT
PSSFL
LIST
```

Where:

PSSIEN = IEN of entry in PHARMACY ORDERABLE ITEM file (#50.7) [optional]
PSSFT = NAME field (#.01) in PHARMACY ORDERABLE ITEM file (#50.7) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = NAME (50.7,.01)
^TMP($J,LIST,PSSIEN,.02) = DOSAGE FORM (50.7,.02)^NAME (50.606,.01)
^TMP($J,LIST,PSSIEN,7) = PATIENT INSTRUCTIONS (50.7,7)
^TMP($J,LIST,PSSIEN,7.1) = OTHER LANGUAGE INSTRUCTIONS (50.7,7.1)
^TMP($J,LIST,"B",NAME,PSSIEN) = ""
```

Component: LOOKUP

Returns the NAME field (#.01) of the PHARMACY ORDERABLE ITEM file (#50.7) along with the NAME field (#.01) of the DOSAGE FORM file (#50.606). Screening for the active entries from the DRUG file (#50) for specified usage will be applied before including the data in the return array. The ACTIVE DATE field (#.04) of the PHARMACY ORDERABLE ITEM file (#50.7) should be included in the screening.

Status: Inactive

LOOKUP^PSS50P7(PSSFT,PSSD,PSSS,LIST)

Input:

```
PSSFT
PSSD
PSSS
LIST
```

Where:

PSSFT = NAME field (#.01) of PHARMACY ORDERABLE ITEM file (#50.7) (a value of "??" may be used) [required]
PSSD = Index being traversed [optional]
PSSS = Screening information as defined in DIC("S") [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (50.7,.01)
^TMP(\$J,LIST,PSSIEN,.02) = DOSAGE FORM (50.7,.02)^NAME (50.606,.01)
^TMP(\$J,LIST,PSSIEN,.04) = INACTIVE DATE (50.7,.04)^External format (ex:
SEP 12,1999)
^TMP(\$J,LIST,PSSDX,NAME,PSSIEN) = ""

Where:

PSSIEN is the IEN of the PHARMACY ORDERABLE ITEM file (#50.7)
PSSDX is value passed in the PSSD (if multiple values are passed in, "B" will be used)

Component: NAME

Returns the NAME field (#.01) of the PHARMACY ORDERABLE ITEM file (#50.7).

Status: Inactive

S X=\$\$NAME^PSS50P7(PSSIEN)

Input:

PSSIEN

Where:

IEN = entry in PHARMACY ORDERABLE ITEM file (#50.7) [required]

Output:

\$\$NAME

Where:

\$\$NAME = NAME field (#.01) of the PHARMACY ORDERABLE ITEM file (#50.7)

Component: SYNONYM

Returns the SYNONYM sub-field (#.01) of the SYNONYM multiple of the PHARMACY ORDERABLE ITEM file (#50.7) in the array defined by the calling application.

Status: Inactive

SYNONYM^PSS50P7(PSSIEN,PSSFT,PSSFL,LIST)

Input:

PSSIEN

PSSFT

PSSFL

LIST

Where:

PSSIEN = IEN of entry in the PHARMACY ORDERABLE ITEM file (#50.7)
[optional]

PSSFT = NAME field in the PHARMACY ORDERABLE ITEM file (#50.7) (a value of "??" may be used) [optional]

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = NAME (50.7,.01)

^TMP(\$J,LIST,PSSIEN,.02) = DOSAGE FORM (50.7,.02)^NAME (50.606,.01)

^TMP(\$J,LIST,PSSIEN,"SYN",0) = Total entries returned for this sub-file or -1^NO DATA FOUND

```
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),.01) = SYNONYM (50.72,.01)
^TMP($J,LIST,"B",NAME,PSSIEN) = ""
```

Where:

PSS(1) is the IEN of entry the SYNONYM multiple

Component: ZERO

Returns the zero node of the PHARMACY ORDERABLE ITEM file (#50.7) in the array defined by the calling application. A check for the existence of the zero node will be performed.

Status: Active

ZERO^PSS50P7(PSSIEN,PSSFT,PSSFL,LIST)

Input:

```
PSSIEN
PSSFT
PSSFL
LIST
```

Where:

```
PSSIEN = IEN of entry in the PHARMACY ORDERABLE ITEM file (#50.7)
[optional]
PSSFT = NAME field (#.01) of the PHARMACY ORDERABLE ITEM file (#50.7) (a
value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
LIST = defined by the calling application [required]
```

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = NAME (50.7,.01)
^TMP($J,LIST,PSSIEN,.02) = DOSAGE FORM(50.7,.02)^NAME (50.606,.01)
^TMP($J,LIST,PSSIEN,.03) = IV FLAG (50.7,.03)^External format for the set
of codes (ex: 1 if flagged for IV)
^TMP($J,LIST,PSSIEN,.04) = INACTIVE DATE (50.7,.04)^External format (ex:
SEP 12,1999)
^TMP($J,LIST,PSSIEN,.05) = DAY (nD) or DOSE (nL) LIMIT (50.7,.05)
^TMP($J,LIST,PSSIEN,.06) = MED ROUTE (50.7,.06)^NAME (51.2,.01)
^TMP($J,LIST,PSSIEN,.07) = SCHEDULE TYPE (50.7,.07)^External format for the
set of codes
^TMP($J,LIST,PSSIEN,.08) = SCHEDULE (50.7,.08)
^TMP($J,LIST,PSSIEN,.09) = SUPPLY (50.7,.09)^External format for the set of
codes
^TMP($J,LIST,PSSIEN,5) = FORMULARY STATUS (50.7,5)^External format for the
set of codes
^TMP($J,LIST,PSSIEN,8) = NON-VA MED (50.7,8)^External format for the set of
codes (ex: 1 flagged the med as Non-VA)
^TMP($J,LIST,"B",NAME,PSSIEN) = ""
```

PSS51 API – MEDICATION INSTRUCTION file (#51)

Component: A

Returns the MEDICATION INSTRUCTION EXPANSION fields of the MEDICATION INSTRUCTION file (#51) in the array defined by the calling application.

Status: Inactive

A^PSS51(PSSFT,LIST)

Input:

```
PSSFT
```

LIST
Where:
PSSFT = NAME field (#.01) of the MEDICATION INSTRUCTION file (#51)
[required]
LIST = defined by the calling application [required]
Output:
^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (51,.01)
^TMP(\$J,LIST,PSSIEN,1) = EXPANSION (51,1)
^TMP(\$J,LIST,PSSIEN,1.1) = OTHER LANGUAGE EXPANSION (51,1.1)
^TMP(\$J,LIST,PSSIEN,9) = PLURAL (51,9)
^TMP(\$J,LIST,"A",NAME,PSSIEN) = ""
Where:
PSSIEN is IEN of entry in the MEDICATION INSTRUCTION file (#51)

Component: ALL

Returns most of the fields from the MEDICATION INSTRUCTION file (#51) in the array defined by the calling application.

Status: Inactive

ALL^PSS51(PSSIEN,PSSFT,LIST)

Input:

PSSIEN
PSSFT
LIST

Where:

PSSIEN = IEN of entry in MEDICATION INSTRUCTION file (#51) [optional]
PSSFT = NAME field (#.01) of MEDICATION INSTRUCTION file (#51) (a value of "??" may be used) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (51,.01)
^TMP(\$J,LIST,PSSIEN,.5) = SYNONYM (51,.5)
^TMP(\$J,LIST,PSSIEN,1) = EXPANSION (51,1)
^TMP(\$J,LIST,PSSIEN,1.1) = OTHER LANGUAGE EXPANSION (51,1.1)
^TMP(\$J,LIST,PSSIEN,2) = MED ROUTE (51,2)^NAME (51.2,.01)
^TMP(\$J,LIST,PSSIEN,3) = SCHEDULE (51,3)
^TMP(\$J,LIST,PSSIEN,4) = INSTRUCTIONS (51,4)
^TMP(\$J,LIST,PSSIEN,5) = ADDITIONAL INSTRUCTION (51,5)
^TMP(\$J,LIST,PSSIEN,9) = PLURAL (51,9)
^TMP(\$J,LIST,PSSIEN,10) = DEFAULT ADMIN TIMES (51,10)
^TMP(\$J,LIST,PSSIEN,30) = INTENDED USE (51,30)^External format for the set of codes
^TMP(\$J,LIST,PSSIEN,31) = FREQUENCY (IN MINUTES) (51,31)
^TMP(\$J,LIST,"B",NAME,PSSIEN) = ""

Component: CHK

Checks if the value is a valid entry and the INTENDED USE field (#30) from the MEDICATION INSTRUCTION file (#51) is for Outpatient use (Less than 2).

Status: Inactive

CHK^PSS51(PSSFT,LIST)

Input:

PSSFT
LIST

Where:

PSSFT = NAME field (#.01) of MEDICATION INSTRUCTION file (#51) (a value of "??" may be used) [required]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (51,.01)
^TMP(\$J,LIST,"B",NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the MEDICATION INSTRUCTION file (#51)

Component: LOOKUP

Returns the NAME field (#.01) and EXPANSION field (#1) from the MEDICATION INSTRUCTION file (#51) in the array defined by the calling application.

Status: Inactive

LOOKUP^PSS51(PSSIEN,PSSFT,LIST)

Input:

PSSIEN
PSSFT
LIST

Where:

PSSIEN = IEN of entry in MEDICATION INSTRUCTION file (#51) [optional]
PSSFT = NAME field (#.01) of MEDICATION INSTRUCTION file (#51) (a value of "??" may be used) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (51,.01)
^TMP(\$J,LIST,PSSIEN,1) = EXPANSION (51,1)
^TMP(\$J,LIST,"B",NAME,PSSIEN) = ""

Component: WARD

Returns most of the fields from the MEDICATION INSTRUCTION file (#51) in the array defined by the calling application.

Status: Inactive

WARD^PSS51(PSSIEN,PSSFT,LIST)

Input:

PSSIEN
PSSFT
LIST

Where:

PSSIEN = IEN of entry in MEDICATION INSTRUCTION file (#51) [optional]
PSSFT = NAME field (#.01) of MEDICATION INSTRUCTION file (#51) (a value of "??" may be used) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (51,.01)
^TMP(\$J,LIST,"WARD",0) = Total entries returned for this sub-file or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,"WARD",PSS(1),.01) = WARD (51.01,.01)^NAME (42,.01)
^TMP(\$J,LIST,PSSIEN,"WARD",PSS(1),.02) = DEFAULT ADMIN TIMES (51.01,.02)
^TMP(\$J,LIST,"B",NAME,PSSIEN) = ""

Where:

PSS(1) is the IEN of entry in the WARD multiple

PSS51P1 API – ADMINISTRATION SCHEDULE file (#51.1)

Component: ADM

Validates the STANDARD ADMINISTRATION TIMES field (#1) of the ADMINISTRATION SCHEDULE file (#51.1).

Status: Inactive

S X=\$\$ADM^PSS51P1(PSSADM)

Input:

PSSADM

Where:

PSSADM = STANDARD ADMINISTRATION TIMES field (#1) of the ADMINISTRATION SCHEDULE file (#51.1) [required]

Output:

\$\$ADM

Where:

\$\$ADM = either "^" (for invalid) or the value of the STANDARD ADMINISTRATION TIMES field (#1) of the ADMINISTRATION SCHEDULE file (#51.1)

Component: ALL

Returns all data of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application.

Status: Inactive

ALL^PSS51P1(PSSIEN,PSSFT,LIST)

Input:

PSSIEN

PSSFT

LIST

Where:

PSSIEN = IEN of entry in ADMINISTRATION SCHEDULE file (#51.1) [optional]

PSSFT = NAME field (#.01) of ADMINISTRATION SCHEDULE file (#51.1) (a value of "??" may be used) [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = NAME (51.1,.01)

^TMP(\$J,LIST,PSSIEN,1) = STANDARD ADMINISTRATION TIMES (51.1,1)

^TMP(\$J,LIST,PSSIEN,2.5) = MAX DAYS FOR ORDERS (51.1,2.5)

^TMP(\$J,LIST,PSSIEN,2) = FREQUENCY (IN MINUTES) (51.1,2)

^TMP(\$J,LIST,PSSIEN,4) = PACKAGE PREFIX (51.1,4)

^TMP(\$J,LIST,PSSIEN,5) = TYPE OF SCHEDULE (51.1,5)^External format for the set of code

^TMP(\$J,LIST,PSSIEN,6) = STANDARD SHIFTS (51.1,6)

^TMP(\$J,LIST,PSSIEN,8) = OUTPATIENT EXPANSION (51.1,8)

^TMP(\$J,LIST,PSSIEN,8.1) = OTHER LANGUAGE EXPANSION (51.1,8.1)

^TMP(\$J,LIST,PSSIEN,"HOSP",0) = Total entries returned for this sub-file or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,"HOSP",PSS(1),.01) = HOSPITAL LOCATION (51.17,.01)^NAME (44,.01)

^TMP(\$J,LIST,PSSIEN,"HOSP",PSS(1),1) = ADMINISTRATION TIMES (51.17,1)

^TMP(\$J,LIST,PSSIEN,"HOSP",PSS(1),2) = SHIFTS (51.17,2)

^TMP(\$J,LIST,PSSIEN,"WARD",0) = Total entries returned for this sub-file or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,"WARD",PSS(1),.01) = WARD (51.11,.01)^NAME (42,.01)


```
^TMP($J,LIST,PSSIEN,"WARD",PSS(1),1) = WARD ADMINISTRATION TIMES (51.11,1)
^TMP($J,LIST,"B",NAME,PSSIEN) = ""
```

Where:

PSS(1) is the IEN of the multiple it referenced

Component: AP

Returns the IEN(s) and NAME field (#.01) of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application when passed in the PACKAGE PREFIX field (#4) of the ADMINISTRATION SCHEDULE file (#51.1). The "AP" cross-reference in format of ^PS(51.1,"AP"_PACKAGE PREFIX(4),NAME(.01),IEN(51.1)) will be used.

Status: Active

```
AP^PSS51P1(PSSPP,PSSFT,PSSWDIEN,PSSSTPY,LIST,PSSFREQ)
```

Input:

```
PSSPP
PSSFT
PSSWDIEN
PSSSTPY
LIST
PSSFREQ
```

Where:

```
PSSPP = PACKAGE PREFIX field (#4) of the ADMINISTRATION SCHEDULE file
(#51.1) [required]
PSSFT = NAME field (#.01) of the ADMINISTRATION SCHEDULE file (#51.1) (a
value of "??" may be used) [optional]
PSSWDIEN = IEN of entry of WARD multiple in ADMINISTRATION SCHEDULE file
(#51.1) [optional]
PSSSTPY = TYPE OF SCHEDULE field (#5) of ADMINISTRATION SCHEDULE file
(#51.1) [optional]
LIST = defined by the calling application [required]
PSSFREQ = Filter for FREQUENCY field (#2) of ADMINISTRATION SCHEDULE file
(#51.1). [optional]
```



Note: If the frequency in the FREQUENCY field (#2) is greater than a value passed in as PSSFREQ, then the entry will not be returned. Additionally, a PSSFREQ value less than 1 or null will be ignored.

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = NAME (51.1,.01)
^TMP($J,LIST,PSSIEN,1) = STANDARD ADMINISTRATION TIMES (51.1,1)
^TMP($J,LIST,PSSIEN,2) = FREQUENCY (IN MINUTES) (51.1,2)
^TMP($J,LIST,PSSIEN,2.5) = MAX DAYS FOR ORDERS (51.1,2.5)
^TMP($J,LIST,PSSIEN,4) = PACKAGE PREFIX (51.1,4)
^TMP($J,LIST,PSSIEN,5) = TYPE OF SCHEDULE (51.1,5)^External format for the
set of code
^TMP($J,LIST,PO,"HOSPITAL LOCATION",0) = Total entries returned for this
sub-file or -1 ^NO DATA FOUND
^TMP($J,LIST,PO,"HOSPITAL LOCATION",IEN,.01) = HOSPITAL LOCATION (51.17,.01)
^TMP($J,LIST,PO,"HOSPITAL LOCATION",IEN,1) = ADMINISTRATION TIMES (51.17,1)
^TMP($J,LIST,PSSIEN,8) = OUTPATIENT EXPANSION (51.1,8)
^TMP($J,LIST,PSSIEN,"WARD",0) = Total entries returned for this sub-file or
-1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"WARD",PSSWDIEN,.01) = WARD (51.11,.01)^NAME (42,.01)
^TMP($J,LIST,PSSIEN,"WARD",PSSWDIEN,1) = WARD ADMINISTRATION TIMES
(51.11,1)
^TMP($J,LIST,"AP"_PACKAGE PREFIX,NAME,PSSIEN) = ""
```



Notes:

If PSSSTYP is passed in the API will screen on this value.

If PSSPP is passed in, PSSFT = "" or PSSFT = "??", PSSWDIEN = "" and PSSTYP = "", then all schedules associated with the PSSPP and Ward will be returned.

If PSSPP is passed in, PSSFT = "" or PSSFT = "??", PSSWDIEN is passed in and PSSTYP = "", then all schedules associated with the PSSPP will be returned and only Ward data matching the PSSWDIEN will be included.

If PSSPP = "", PSSFT = "QID", PSSWDIEN = "" and PSSTYP = "", then QID data and associated Wards data will be returned.

If PSSPP = "", PSSFT = "QID", PSSWDIEN is passed in and PSSTYP = "", then QID data will be returned and only Ward data matching PSSWDIEN will be included.

Component: HOSP

Returns the fields from HOSPITAL LOCATION sub-field of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application.

Status: Inactive

HOSP^PSS51P1(PSSIEN,PSSFT,LIST)

Input:

PSSIEN

PSSFT

LIST

Where:

PSSIEN = IEN of entry in ADMINISTRATION SCHEDULE file (#51.1) [optional]

PSSFT = NAME field (#.01) of ADMINISTRATION SCHEDULE file (#51.1) (a value of "??" may be used) [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = NAME (51.1,.01)

^TMP(\$J,LIST,"HOSP",0) = Total entries returned for this sub-file or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,"HOSP",PSS(1),.01) = HOSPITAL LOCATION (51.17,.01)^NAME (44,.01)

^TMP(\$J,LIST,PSSIEN,"HOSP",PSS(1),1) = ADMINISTRATION TIMES (51.17,1)

^TMP(\$J,LIST,PSSIEN,"HOSP",PSS(1),2) = SHIFTS (51.17,2)

^TMP(\$J,LIST,"B",NAME,PSSIEN) = ""

Where:

PSS(1) is the IEN of entry the HOSPITAL LOCATION multiple

Component: IEN

Returns the IEN(s) of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application.

Status: Inactive

IEN^PSS51P1(PSSFT,LIST)

Input:

PSSFT

LIST

Where:

PSSFT = NAME field (#.01) of ADMINISTRATION SCHEDULE file (#51.1) (a value of "??" may be used) [required]

LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = NAME(51.1,.01)
^TMP($J,LIST,PSSIEN,1) = STANDARD ADMINISTRATION TIMES (51.1,1)
^TMP($J,LIST,"B",NAME,PSSIEN) = ""
```

Where:

PSSIEN is IEN of entry in the ADMINISTRATION SCHEDULE file (#51.1)

Component: IX

Returns the zero node of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application when passed in the NAME field (#.01) and PACKAGE PREFIX field (#4) of the ADMINISTRATION SCHEDULE file (#51.1). The "AP" cross-reference in format of ^PS(51.1,"AP"_PACKAGE PREFIX(4),NAME(.01),IEN(51.1)) will be used.

Status: Inactive

IX^PSS51P1(PSSFT,PSSPP,LIST)

Input:

```
PSSFT
PSSPP
LIST
```

Where:

PSSFT = NAME field (#.01) of ADMINISTRATION SCHEDULE file (#51.1) (a value of "??" may be used) [required]
PSSPP = PACKAGE PREFIX field (#4) of the ADMINISTRATION SCHEDULE file (#51.1) [required]
LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = NAME (51.1,.01)
^TMP($J,LIST,PSSIEN,1) = STANDARD ADMINISTRATION TIMES (51.1,1)
^TMP($J,LIST,PSSIEN,2) = FREQUENCY (IN MINUTES) (51.1,2)
^TMP($J,LIST,PSSIEN,2.5) = MAX DAYS FOR ORDERS (51.1,2.5)
^TMP($J,LIST,PSSIEN,4) = PACKAGE PREFIX (51.1,4)
^TMP($J,LIST,PSSIEN,5) = TYPE OF SCHEDULE (51.1,5)^External format for the
set of code
^TMP($J,LIST,PSSIEN,6) = STANDARD SHIFTS (51.1,6)
^TMP($J,LIST,PSSIEN,8) = OUTPATIENT EXPANSION (51.1,8)
^TMP($J,LIST,PSSIEN,8.1) = OTHER LANGUAGE EXPANSION (51.1,8.1)
^TMP($J,LIST,"AP"_PACKAGE PREFIX,NAME,PSSIEN) = ""
```

Where:

PSSIEN is IEN of entry in the ADMINISTRATION SCHEDULE file (#51.1)

Component: PSSDQ

Displays all the entries in the ADMINISTRATION SCHEDULE file (#51.1).

Status: Active

PSSDQ^PSS51P1

Component: WARD

Returns the WARD sub-field of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application.

Status: Inactive

WARD^PSS51P1(PSSIEN,PSSFT,PSSIEN2,LIST)

Input :

PSSIEN
PSSFT
PSSIEN2
LIST

Where:

PSSIEN = IEN of entry in ADMINISTRATION SCHEDULE file (#51.1) [optional]
PSSFT = NAME field (#.01) of ADMINISTRATION SCHEDULE file (#51.1) (a value of "??" may be used) [optional]
PSSIEN2 = IEN of entry in WARD sub-file (#51.11) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (51.1,.01)
^TMP(\$J,LIST,"WARD",0) = Total entries returned for this sub-file or -1^NO DATA FOUND (If PSSIEN2 is passed in and there are no ward entries, -1^NO DATA FOUND FOR PSSIEN2 concatenated with the value of PSSIEN2 is returned)
^TMP(\$J,LIST,PSSIEN,"WARD",PSS(1),.01) = WARD (51.11,.01)^NAME (42,.01)
^TMP(\$J,LIST,PSSIEN,"WARD",PSS(1),1) = WARD ADMINISTRATION TIMES (51.11,1)
^TMP(\$J,LIST,"B",NAME,PSSIEN) = ""



Notes:

If PSSIEN = "", PSSFT = "??" and PSSIEN2 is passed in, then all entries in the Administration Schedule file will be returned and only Ward data matching the value passed in PSSIEN2 will be included.

If PSSIEN = "", PSSFT = "??" and PSSIEN2 = "", then all entries in the Administration Schedule file and existing Ward data will be returned.

If PSSIEN is passed in, PSSFT = "" and PSSIEN2 = "", the entry matching the value passed in PSSIEN will be returned along with the associated Ward data.

If PSSIEN, PSSFT & PSSIEN2 are passed in, the value in PSSFT will be ignored, the entry matching the value passed in PSSIEN will be returned (only Ward data matching the value passed in PSSIEN2 will be included).

Where:

PSS(1) is the IEN of entry in the WARD multiple

Component: ZERO

Returns the zero node and the OTHER LANGUAGE EXPASION field (#8.1) of the ADMINISTRATION SCHEDULE file (#51.1) in the array defined by the calling application.

Status: Active

ZERO^PSS51P1(PSSIEN,PSSFT,PSSPP,PSSTSCH,LIST)

Input :

PSSIEN
PSSFT
PSSPP
PSSTSCH
LIST

Where:

PSSIEN = IEN of entry in ADMINISTRATION SCHEDULE file (#51.1) [optional]
PSSFT = NAME field (#.01) of ADMINISTRATION SCHEDULE file (#51.1) (a value of "??" may be used) [optional]
PSSPP = the PACKAGE PREFIX field (#4) of the ADMINISTRATION SCHEDULE file (#51.1) (screening for the Package Prefix if this field is passed in (ex: PSJ, LR...)) [optional]
PSSTSCH = TYPE OF SCHEDULE field (#5) of ADMINISTRATION SCHEDULE file (#51.1) (screening for One-time "0" if PSSTSCH passed in) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (51.1,.01)
^TMP(\$J,LIST,PSSIEN,1) = STANDARD ADMINISTRATION TIMES (51.1,1)
^TMP(\$J,LIST,PSSIEN,2) = FREQUENCY (IN MINUTES) (51.1,2)
^TMP(\$J,LIST,PSSIEN,2.5) = MAX DAYS FOR ORDERS (51.1,2.5)
^TMP(\$J,LIST,PSSIEN,4) = PACKAGE PREFIX (51.1,4)
^TMP(\$J,LIST,PSSIEN,5) = TYPE OF SCHEDULE (51.1,5)^External format for the set of code
^TMP(\$J,LIST,PSSIEN,6) = STANDARD SHIFTS (51.1,6)
^TMP(\$J,LIST,PSSIEN,8) = OUTPATIENT EXPANSION (51.1,8)
^TMP(\$J,LIST,PSSIEN,8.1) = OTHER LANGUAGE EXPANSION (51.1,8.1)
^TMP(\$J,LIST,"B",NAME,PSSIEN) = ""

PSS51P15 API – ADMINISTRATION SHIFT file (#51.15)

Component: ACP

Returns the IEN(s) and NAME field (#.01) of the ADMINISTRATION SHIFT file (#51.15) in the array defined by the calling application when passed in the PACKAGE field (#4) and the ABBREVIATION field (#1) of the ADMINISTRATION SHIFT file (#51.15). The "ACP" cross-reference in format of ^PS(51.15,"ACP"_PACKAGE(4),ABBREVIATION(1),IEN(51.15)) will be used.

Status: Inactive

ACP^PSS51P15(PSSPK,PSSABBR,LIST)

Input:

PSSPK
PSSABBR
LIST

Where:

PSSPK = PACKAGE field (#4) of the ADMINISTRATION SHIFT file (#51.15) [required]
PSSABBR = ABBREVIATION field (#1) of the ADMINISTRATION SHIFT file (#51.15) [required]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (51.15,.01)
^TMP(\$J,LIST,PSSIEN,1) = ABBREVIATION (51.15,1)
^TMP(\$J,LIST,PSSIEN,4) = PACKAGE (51.15,4)
^TMP(\$J,LIST,"ACP",PACKAGE,NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the ADMINISTRATION SHIFT file (#51.15)

Component: ALL

Returns all fields in the ADMINISTRATION SHIFT file (#51.15) in the array defined by the calling application.

Status: Inactive

ALL^PSS51P15(PSSIEN,PSSFT,LIST)

Input:

PSSIEN
PSSFT
LIST

Where:

PSSIEN = IEN of entry in ADMINISTRATION SHIFT file (#51.15) [optional]
PSSFT = NAME field (#.01) of the ADMINISTRATION SHIFT file (#51.15) (a value of "??" may be used) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (51.15,.01)
^TMP(\$J,LIST,PSSIEN,1) = ABBREVIATION (51.15,1)
^TMP(\$J,LIST,PSSIEN,2) = STANDARD START/STOP TIMES (51.15,2)
^TMP(\$J,LIST,PSSIEN,4) = PACKAGE (51.15,4)
^TMP(\$J,LIST,PSSIEN,"HOSP",0) = Total entries returned for this sub-file or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,"HOSP",PSS(1),.01) = HOSPITAL LOCATION (51.153,.01)^NAME (44,.01)
^TMP(\$J,LIST,PSSIEN,"HOSP",PSS(1),1) = START/STOP TIMES (51.153,1)
^TMP(\$J,LIST,"B",NAME,PSSIEN) = ""

PSS51P2 API – MEDICATION ROUTES file (#51.2)

Component: ALL

Returns all fields in the MEDICATION ROUTES file (#51.2) in the array defined by the calling application. The "IV" Cross Reference will only be set for entries that have the IV FLAG field (#6) of the MEDICATION ROUTES file (#51.2) set to Yes.

Status: Active

ALL^PSS51P2(PSSIEN,PSSFT,PSSFL,PSSPK,LIST)

Input:

PSSIEN
PSSFT
PSSFL
PSSPK
LIST

Where:

PSSIEN = IEN of entry in MEDICATION ROUTES file (#51.2) [optional]
PSSFT = NAME field (#.01) of the MEDICATION ROUTES file (#51.2) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
PSSPK = PACKAGE USE field (#3) of the MEDICATION ROUTES file (#51.2) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = NAME (51.2,.01)
^TMP(\$J,LIST,PSSIEN,1) = ABBREVIATION (51.2,1)

```

^TMP($J,LIST,PSSIEN,3) = PACKAGE USE (51.2,3)^External format for the set
of codes
^TMP($J,LIST,PSSIEN,4) = OUTPATIENT EXPANSION (51.2,4)
^TMP($J,LIST,PSSIEN,4.1) = OTHER LANGUAGE EXPANSION (51.2,4.1)
^TMP($J,LIST,PSSIEN,5) = INACTIVATION DATE (51.2,5)^External format (ex:
SEP 12,1999)
^TMP($J,LIST,PSSIEN,6) = IV FLAG (51.2,6)^External format for the set of
codes (ex: YES if flagged for IV)
^TMP($J,LIST,PSSIEN,7) = PROMPT FOR INJ. SITE IN BCMA (51.2,8) ^ External
format for the set of codes (ex: YES if BCMA should prompt for Injection
Site)
^TMP($J,LIST,PSSIEN,8) = DSPLY ON IVP/IVPB TAB IN BCMA? (51.2,9) ^ External
format for the set of codes (ex: YES if BCMA should display this order on
the IVP/IVPB tab)
^TMP($J,LIST,"B",NAME,PSSIEN) = ""
^TMP($J,LIST,"IV",NAME,PSSIEN) = ""

```

Component: IEN

Returns the IEN(s) of the MEDICATION ROUTES file (#51.2) when passed the ABBREVIATION field (#1) of the MEDICATION ROUTES file (#51.2) in the array defined by the calling application. The “C” cross-reference in format of ^PS(51.2,“C”,ABBREVIATION(52.1,1),IEN(51.2)) will be used.

Status: Inactive

```
IEN^PSS51P2(PSSABBR,LIST)
```

Input:

```
PSSABBR
```

```
LIST
```

Where:

```
PSSABBR = ABBREVIATION field (#1) of the MEDICATION ROUTES file (#51.2)
[required]
```

```
LIST = defined by the calling application [required]
```

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
```

```
^TMP($J,LIST,PSSIEN,.01) = NAME (51.2,.01)
```

```
^TMP($J,LIST,PSSIEN,1) = ABBREVIATION (51.2,1)
```

```
^TMP($J,LIST,PSSIEN,5) = INACTIVATION DATE (51.2,5)^External format (ex:
SEP 12,1999)
```

```
^TMP($J,LIST,"B",NAME,PSSIEN) = ""
```

Where:

```
PSSIEN is IEN of entry in the MEDICATION ROUTES file (#51.2)
```

Component: NAME

Returns the IEN of the MEDICATION ROUTES file (#51.2) in the array defined by the calling application. The “B” cross-reference in format of ^PS(51.2,“B”,NAME(52.1,.01),IEN(51.2)) will be used.

Status: Inactive

```
NAME^PSS51P2(PSSFT,PSSPK,LIST)
```

Input:

```
PSSFT
```

```
PSSPK
```

```
LIST
```

Where:

PSSFT = NAME field (#.01) of MEDICATION ROUTES file (#51.2) (a value of "??" may be used) [required]
PSSPK = PACKAGE USE field (#3) of the MEDICATION ROUTES file (#51.2) (if passed in, only entries containing this value will be returned; otherwise, all entries will be returned) [optional]
LIST = defined by the calling application [required]

Output:

```
^^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = NAME (51.2,.01)
^TMP($J,LIST,PSSIEN,1) = ABBREVIATION (51.2,1)
^TMP($J,LIST,PSSIEN,5) = INACTIVATION DATE (51.2,5)^External format (ex:
SEP 12,1999)
^TMP($J,LIST,"B",NAME,PSSIEN) = ""
```

Where:

PSSIEN is IEN of entry in the MEDICATION ROUTES file (#51.2)

PSS51P5 API – ORDER UNIT file (#51.5)

Component: ALL

Returns all fields in the ORDER UNIT file (#51.5) in the array defined by the calling application.

Status: Inactive

ALL^PSS51P5(PSSIEN,PSSFT,PSSCRFL,LIST)

Input:

```
PSSIEN
PSSFT
PSSCRFL
LIST
```

Where:

PSSIEN = IEN of entry in ORDER UNIT file (#51.5) [optional]
PSSFT = ABBREVIATION field (#.01) of the ORDER UNIT file (#51.5) (a value of "??" may be used) [optional]
PSSCRFL = Multiple index lookup is performed if passed in a 1 (otherwise only the "B" cross-reference is used) [optional]
LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = ABBREVIATION (51.5,.01)
^TMP($J,LIST,PSSIEN,.02) = EXPANSION (51.5,.02)
^TMP($J,LIST,"B",ABBREVIATION,PSSIEN) = ""
```

Component: EXPAN

Returns all fields in the ORDER UNIT file (#51.5) in the array defined by the calling application.

Status: Inactive

EXPAN^PSS51P5(PSSEXSPAN,LIST)

Input:

```
PSSEXSPAN
LIST
```

Where:

PSSEXSPAN = EXPANSION field (#.02) of the ORDER UNIT file (#51.5) [required]
LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = ABBREVIATION (51.5,.01)
^TMP($J,LIST,PSSIEN,.02) = EXPANSION (51.5,.02)
```



```
^TMP($J,LIST,"C",ABBREVIATION,PSSIEN) = ""
```

Where:

PSSIEN is IEN of entry in the ORDER UNIT file (#51.5)

PSS52P6 API – IV ADDITIVES file (#52.6)

Component: DRGIEN

Returns the IEN(s) from the IV ADDITIVES file (#52.6) in the array defined by the calling application with the DRUG file (#50) IEN. The “AC” cross-reference in format of ^PS(52.6,“AC”,IEN(50),IEN(52.6)) will be used.

Status: Inactive

```
DRGIEN^PSS52P6(PSS50,PSSFL,LIST)
```

Input:

PSS50

PSSFL

LIST

Where:

PSS50 = IEN of entry in the DRUG file (#50) [required]

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
```

```
^TMP($J,LIST,PSSIEN,.01) = PRINT NAME (52.6,.01)
```

```
^TMP($J,LIST,"AC",PSS50,PSSIEN) = ""
```

Where:

PSSIEN is IEN of entry in the IV ADDITIVES file (#52.6)

Component: DRGINFO

Returns the fields in the DRUG INFORMATION multiple of the IV ADDITIVES file (#52.6) in the array defined by the calling application.

Status: Inactive

```
DRGINFO^PSS52P6(PSSIEN,PSSFT,PSSFL,LIST)
```

Input:

PSSIEN

PSSFT

PSSFL

LIST

Where:

PSSIEN = IEN of entry in IV ADDITIVES file (#52.6) [optional]

PSSFT = PRINT NAME field (#.01) of IV ADDITIVES file (#52.6) (a value of "??" may be used) [optional]

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
```

```
^TMP($J,LIST,PSSIEN,.01) = PRINT NAME (52.6,.01)
```

```
^TMP($J,LIST,PSSIEN,"DRGINF",0) = Total entries returned for this sub-file  
or -1^NO DATA FOUND
```

```
^TMP($J,LIST,PSSIEN,"DRGINF",PSS(1),.01) = DRUG INFORMATION (52.64,.01)
```

```
^TMP($J,LIST,"B",PRINT NAME,PSSIEN) = ""
```

Where:

PSS(1) is the IEN of entry in the DRUG INFORMATION multiple

Component: ELYTES

Returns the fields in the ELECTROLYTES multiple of the IV ADDITIVES file (#52.6) in the array defined by the calling application.

Status: Inactive

ELYTES^PSS52P6(PSSIEN,PSSFT,PSSFL,LIST)

Input:

PSSIEN
PSSFT
PSSFL
LIST

Where:

PSSIEN = IEN of entry in IV ADDITIVES file (#52.6) [optional]
PSSFT = PRINT NAME field (.01) of IV ADDITIVES file (#52.6) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = PRINT NAME (52.6,.01)
^TMP(\$J,LIST,PSSIEN,"ELYTES",0) = Total entries returned for this sub-file or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,"ELYTES",PSS(1),.01) = ELECTROLYTE (52.62,.01)^NAME (50.4,.01) (external format)
^TMP(\$J,LIST,PSSIEN,"ELYTES",PSS(1),1) = CONCENTRATION (52.62,1)
^TMP(\$J,LIST,"B",PRINT NAME,PSSIEN) = ""

Where:

PSS(1) is the IEN of entry in the ELECTROLYTE multiple

Component: LOOKUP

Returns the PRINT NAME, QUICK CODE and SYNONYM of the IV ADDITIVES file (#52.6) to the calling application to display to the user. The screening considers only active entries in the IV ADDITIVES file (#52.6) and the PHARMACY ORDERABLE ITEM field (#15) of the IV ADDITIVES file (#52.6) that are not null. Those entries with the INACTIVE DATE field (#100) in the DRUG file (#50) will be excluded.

Status: Inactive

LOOKUP^PSS52P6(PSS50P7,PSSFL,LIST)

Input:

PSS50P7
PSSFL
LIST

Where:

PSS50P7 = A null value or the IEN of entry in the PHARMACY ORDERABLE ITEM file (#50.7) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND


```

^TMP($J,LIST,PSSIEN,.01) = PRINT NAME (52.6,.01)
^TMP($J,LIST,PSSIEN,14) = MESSAGE (52.6,14)
^TMP($J,LIST,PSSIEN,"QCODE",0) = Total entries returned for this sub-file
or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"QCODE",PSS(1),.01) = QUICK CODE (52.61,.01)
^TMP($J,LIST,PSSIEN,"SYN",0) = Total entries returned for this sub-file or
-1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),.01) = SYNONYM (52.63,.01)
^TMP($J,LIST,"B",PRINT NAME,PSSIEN) = ""

```

Where:

PSSIEN is IEN of entry in the IV ADDITIVES file (#52.6)
PSS(1) is the IEN of the multiple it referenced

 Note: If an additive does not tie to an entry in the DRUG file (#50) or PHARMACY ORDERABLE ITEM file (#50.7), and PSSFL is passed in, this additive will not be included in the returned ^TMP.

Component: POI

Returns the IEN(s) from the IV ADDITIVES file (#52.6) in the array defined by the calling application with the given PHARMACY ORDERABLE ITEM file (#50.7). The “AOI” cross-reference in format of ^PS(52.6,“AOI”,IEN(50.7),IEN(52.6)) will be used.

Status: Inactive

POI^PSS52P6(PSSOI,PSSFL,LIST)

Input:

```

PSSOI
PSSFL
LIST

```

Where:

PSSPOI = IEN of entry in the PHARMACY ORDERABLE ITEM file (#50.7)
[required]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
LIST = defined by the calling application [required]

Output:

```

^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = PRINT NAME (52.6,.01)
^TMP($J,LIST,PSSIEN,2) = VOLUME (52.7,2)
^TMP($J,LIST,"AOI",PSSPOI,PSSIEN) = ""

```

Where:

PSSIEN is IEN of entry in the IV ADDITIVES file (#52.6)

Component: QCODE

Returns the fields in the QUICK CODE multiple of the IV ADDITIVES file (#52.6) in the array defined by the calling application.

Status: Inactive

QCODE^PSS52P6(PSSIEN,PSSFT,PSSFL,LIST)

Input:

```

PSSIEN
PSSFT
PSSFL
LIST

```

Where:

PSSIEN = IEN of entry in IV ADDITIVES file (#52.6) [optional]
 PSSFT = PRINT NAME field (#.01) of IV ADDITIVES file (#52.6) (a value of "??" may be used) [optional]
 PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
 LIST = defined by the calling application [required]

Output:

```

^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = PRINT NAME (52.6,.01)
^TMP($J,LIST,PSSIEN,"QCODE",0) = Total entries returned for this sub-file
or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"QCODE",PSS(1),.01) = QUICK CODE (52.61,.01)
^TMP($J,LIST,PSSIEN,"QCODE",PSS(1),1) = STRENGTH (52.61,1)
^TMP($J,LIST,PSSIEN,"QCODE",PSS(1),2) = USUAL INFUSION RATE (52.61,2)
^TMP($J,LIST,PSSIEN,"QCODE",PSS(1),3) = OTHER PRINT INFO (52.61,3)
^TMP($J,LIST,PSSIEN,"QCODE",PSS(1),4) = USUAL IV SCHEDULE (52.61,4)
^TMP($J,LIST,PSSIEN,"QCODE",PSS(1),5) = ADMINISTRATION TIMES (52.61,5)
^TMP($J,LIST,PSSIEN,"QCODE",PSS(1),6) = USUAL IV SOLUTION (52.61,6)^PRINT
NAME (52.7,.01)" "_VOLUME (52.7,2)
^TMP($J,LIST,PSSIEN,"QCODE",PSS(1),7) = MED ROUTE (52.61,7)^NAME (51.2,.01)
^TMP($J,LIST,"B",PRINT NAME,PSSIEN) = "

```

Where:

PSS(1) is the IEN of entry in the QUICK CODE multiple

Component: SYNONYM

Returns the fields in the SYNONYM multiple of the IV ADDITIVES file (#52.6) in the array defined by the calling application.

Status: Inactive

SYNONYM^PSS52P6(PSSIEN,PSSFT,PSSFL,LIST)

Input:

```

PSSIEN
PSSFT
PSSFL
LIST

```

Where:

PSSIEN = IEN of entry in IV ADDITIVES file (#52.6) [optional]
 PSSFT = PRINT NAME field (#.01) of IV ADDITIVES file (#52.6) (a value of "??" may be used) [optional]
 PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
 LIST = defined by the calling application [required]

Output:

```

^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = PRINT NAME (52.6,.01)
^TMP($J,LIST,PSSIEN,"SYN",0) = Total entries returned for this sub-file or
-1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"SYN",PSS(1),.01) = SYNONYM (52.63,.01)
^TMP($J,LIST,"B",PRINT NAME,PSSIEN) = "

```

Where:

PSS(1) is the IEN of entry in the SYNONYM multiple

Component: ZERO

Returns the zero node and the INACTIVATION DATE field (#12) of the IV ADDITIVES file (#52.6) in the array defined by the calling application.

Status: Active

ZERO^PSS52P6(PSSIEN,PSSFT,PSSFL,LIST)

Input:

PSSIEN
PSSFT
PSSFL
LIST

Where:

PSSIEN = IEN of entry in IV ADDITIVES file (#52.6) [optional]
PSSFT = PRINT NAME field (#.01) of IV ADDITIVES file (#52.6) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = PRINT NAME (52.6,.01)
^TMP(\$J,LIST,PSSIEN,1) = GENERIC DRUG (52.6,1)^GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,2) = DRUG UNIT (52.6,2)^Drug Unit External format (ex: MG, ML...)
^TMP(\$J,LIST,PSSIEN,3) = NUMBER OF DAYS FOR IV ORDER (52.6,3)
^TMP(\$J,LIST,PSSIEN,4) = USUAL IV SCHEDULE (52.6,4)
^TMP(\$J,LIST,PSSIEN,5) = ADMINISTRATION TIMES (52.6,5)
^TMP(\$J,LIST,PSSIEN,7) = AVERAGE DRUG COST PER UNIT (52.6,7)
^TMP(\$J,LIST,PSSIEN,12) = INACTIVATION DATE (52.6,12)^External format (ex: SEP 12,1999)
^TMP(\$J,LIST,PSSIEN,13) = CONCENTRATION (52.6,13)
TMP(\$J,LIST,PSSIEN,14) = MESSAGE (52.6,14)
^TMP(\$J,LIST,PSSIEN,15) = PHARMACY ORDERABLE ITEM (52.6,15)^NAME (50.7,.01)
^TMP(\$J,LIST,PSSIEN,17) = USED IN IV FLUID ORDER ENTRY (52.6,17)^External format (ex: "YES" for 1 otherwise it is null)
^TMP(\$J,LIST,"B",PRINT NAME,PSSIEN) = ""

PSS52P7 API – IV SOLUTIONS file (#52.7)

Component: ACTSOL

Returns the IEN(s), PRINT NAME, and VOLUME from the IV SOLUTIONS file (#52.7) for active entries. A count of all active entries shall be included.

Status: Inactive

ACTSOL^PSS52P7(PSSFL,LIST)

Input:

PSSFL
LIST

Where:

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = PRINT NAME (52.7,.01)

```
^TMP($J,LIST,PSSIEN,2) = VOLUME (52.7,2)
^TMP($J,LIST,"B",PRINT NAME,PSSIEN) = ""
```

Where:

PSSIEN is IEN of entry in the IV SOLUTIONS file (#52.7)

Component: DRGIEN

Returns the IEN(s) from the IV SOLUTIONS file (#52.7) in the array defined by the calling application with the DRUG file (#50) IEN. The "AC" cross-reference in format of ^PS(52.7,"AC",IEN(50),IEN(52.7)) will be used.

Status: Inactive

```
DRGIEN^PSS52P7(PSS50,PSSFL,LIST)
```

Input:

```
PSS50
PSSFL
LIST
```

Where:

```
PSS50 = IEN of entry in the DRUG file (#50) [required]
PSSFL = Inactive date: A null value will return all entries (entry of a
FileMan format date (ex: 3030917) will return active entries after this
date) [optional]
LIST = defined by the calling application [required]
```

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = PRINT NAME (52.7,.01)
^TMP($J,LIST,PSSIEN,2) = VOLUME (52.7,2)
^TMP($J,LIST,"AC",PRINT NAME,PSSIEN) = ""
```

Where:

PSSIEN is IEN of entry in the IV SOLUTIONS file (#52.7)

Component: INACTDT

Returns the INACTIVATION DATE (52.7,8) (ex: 3030915 or null).

Status: Inactive

```
S X=$$INACTDT^PSS52P7(PSSIEN)
```

Input:

```
PSSIEN
```

Where:

```
IEN = IEN of entry in the IV SOLUTIONS file (#52.7) [required]
```

Output:

```
$$INACTDT
```

Where:

```
X = internal value of the INACTIVATION DATE (52.7,8) (ex: 3030915 or null)
```

Component: LOOKUP

Returns PRINT NAME, PRINT NAME(2), and VOLUME from the IV SOLUTIONS file (#52.7).

Status: Inactive

```
LOOKUP^PSS52P7(PSSFT,LIST)
```

Input:

```
PSSFT
LIST
```

Where:

PSSFT = PRINT NAME field (#.01) of IV SOLUTIONS file (#52.7) (a value of "??" may be used) [required]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = PRINT NAME (52.7,.01)

^TMP(\$J,LIST,PSSIEN,.02) = PRINT NAME (2) (52.7,.02)

^TMP(\$J,LIST,PSSIEN,2) = VOLUME (52.7,2)

^TMP(\$J,LIST,"B",PRINT NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the IV SOLUTIONS file (#52.7)

Component: POI

Returns the IEN(s) from the IV SOLUTIONS file (#52.7) in the array defined by the calling application with the given PHARMACY ITEM ORDERABLE file (#50.7) IEN. The "AOI" cross-reference in format of ^PS(52.7,"AOI",IEN(50.7),IEN(52.7)) will be used.

Status: Inactive

POI^PSS52P7(PSSOI,PSSFL,LIST)

Input:

PSSOI

PSSFL

LIST

Where:

PSSOI = IEN of entry in the PHARMACY ORDERABLE ITEM file (#50.7) [required]

PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,PSSIEN,.01) = PRINT NAME (52.7,.01)

^TMP(\$J,LIST,PSSIEN,2) = VOLUME (52.7,2)

^TMP(\$J,LIST,"AOI",PRINT NAME,PSSIEN) = ""

Where:

PSSIEN is IEN of entry in the IV SOLUTIONS file (#52.7)

Component: POCHK

Returns the PHARMACY ORDERABLE ITEM file (#50.7) IEN if the value in the PHARMACY ORDERABLE ITEM field (#9) of the IV SOLUTIONS file (#52.7) existed.

Status: Inactive

S X=\$\$POCHK^PSS52P7(PSSIEN)

Input:

PSSIEN

Where:

PSSIEN = IEN of the IV SOLUTIONS file (#52.7) [required]

Output:

\$\$POCHK

Where:

X = IEN of entry in the PHARMACY ORDERABLE ITEM file (#50.7) or 0 (zero) will be returned if it doesn't exist

Component: ZERO

Returns the zero node, the INACTIVATION DATE field (#12) and the ELECTROLYTES multiple of the IV SOLUTIONS file (#52.7) in the array defined by the calling application.

Status: Active

ZERO^PSS52P7(PSSIEN,PSSFT,PSSFL,LIST)

Input:

PSSIEN
PSSFT
PSSFL
LIST

Where:

PSSIEN = IEN of entry in IV SOLUTIONS file (#52.7) [optional]
PSSFT = PRINT NAME field (#.01) of IV SOLUTIONS file (#52.7) (a value of "??" may be used) [optional]
PSSFL = Inactive date: A null value will return all entries (entry of a FileMan format date (ex: 3030917) will return active entries after this date) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,.01) = PRINT NAME (52.7,.01)
^TMP(\$J,LIST,PSSIEN,.02) = PRINT NAME (2) (52.7,.02)
^TMP(\$J,LIST,PSSIEN,1) = GENERIC DRUG (52.7,1)^GENERIC NAME (50,.01)
^TMP(\$J,LIST,PSSIEN,2) = VOLUME (52.7,2)
^TMP(\$J,LIST,PSSIEN,7) = AVERAGE DRUG COST (52.7,7)
^TMP(\$J,LIST,PSSIEN,8) = INACTIVATION DATE (52.7,8)^External format (ex: SEP 12, 1999)
^TMP(\$J,LIST,PSSIEN,9) = PHARMACY ORDERABLE ITEM (52.7,9)^NAME (50.7,.01)
^TMP(\$J,LIST,PSSIEN,17) = USED IN IV FLUID ORDER ENTRY (52.7,17)^External format (ex: "YES" for 1 otherwise it is null)
^TMP(\$J,LIST,PSSIEN,"ELYTES",0) = Total entries returned for this sub-file or -1^NO DATA FOUND
^TMP(\$J,LIST,PSSIEN,"ELYTES",PSS(1),.01) = ELECTROLYTES (52.702,.01)^NAME (50.4,.01) (external format)
^TMP(\$J,LIST,PSSIEN,"ELYTES",PSS(1),1) = CONCENTRATION (52.702,1)
^TMP(\$J,LIST,"B",PRINT NAME,PSSIEN) = ""

Where:

PSS(1) is the IEN of entry in the ELECTROLYTES multiple

PSS54 API – RX CONSULT file (#54)

Component: ALL

Returns the NAME field (#.01) and the TEXT multiple of the RX CONSULT file (#54) in the array defined by the calling application.

Status: Inactive

ALL^PSS54(PSSIEN,PSSFT,LIST)

Input:

PSSIEN
PSSFT
LIST

Where:

PSSIEN = IEN of entry in RX CONSULT file (#54) [optional]
PSSFT = NAME field(#.01) of RX CONSULT file (#54) (a value of "??" may be used) [optional]
LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = NAME (54,.01)
^TMP($J,LIST,PSSIEN,"TXT",0) = Total entries returned for this sub-file or
-1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,"TXT",PSS(1),.01) = TEXT (54.1,.01)
^TMP($J,LIST,"B",NAME,PSSIEN) = ""
```

Where:

PSS(1) is the IEN of entry in the TEXT multiple

Component: LOOKUP

Returns the NAME field (#.01) from the RX CONSULT file (#54).

Status: Inactive

LOOKUP^PSS54(PSSSRCH,LIST)

Input:

```
PSSSRCH
LIST
```

Where:

```
PSSSRCH = Lookup free text value entered by the user [required]
LIST = defined by the calling application [required]
```

Output:

```
^TMP($J,LIST,0) = Total entries returned or -1^NO DATA FOUND
^TMP($J,LIST,PSSIEN,.01) = NAME (54,.01)
^TMP($J,LIST,"B",NAME,PSSIEN) = ""
```

Where:

PSSIEN is IEN of entry in the RX CONSULT file (#54)

PSS55 API – PHARMACY PATIENT file (#55)

For the Rx Profile information on a patient, please see PSO52API under the Outpatient Pharmacy section of this manual using the link provided below. The prescription profile fields include: RX #, PATIENT, PATIENT STATUS, PROVIDER, CLINIC, DRUG, QTY, DAYS SUPPLY, # OF REFILLS, MAIL/WINDOW, ISSUE DATE, ENTERED BY, UNIT PRICE OF DRUG, TRADE NAME, COPIES, and ORDER CONVERTED.

[PSO52API - Component PROF](#)

Component: PSS431

Returns a list of Unit Dose medications from data in the UNIT DOSE sub-file (#55.06) of the PHARMACY PATIENT file (#55) and dispensed drugs from the DISPENSE DRUG sub-file (#55.07).

Status: Active

PSS431^PSS55(DFN,PO,PSDATE,PEDATE,LIST)

Input:

```
DFN
PO
PSDATE
PEDATE
LIST
```

Where:

DFN = IEN from the PATIENT file (#2) [required]

PO = Order number [optional]
PSDATE = Start Date [optional]
PEDATE = End Date [optional]
LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP($J,LIST,PO,.01)=ORDER NUMBER (55.06,.01)
^TMP($J,LIST,PO,.5)=PATIENT NAME (DFN) (55.06,.5)^NAME (2,.01)
^TMP($J,LIST,PO,1)=PROVIDER (pointer value) (55.06,1)^NAME (200,.01)
^TMP($J,LIST,PO,3)=MED ROUTE (pointer value) (55.06,3) ^NAME (51.2,.01)
^TMP($J,LIST,PO,4)=TYPE (55.06,4)^External Format for the Set of Codes
^TMP($J,LIST,PO,5)=SELF MED (55.06,5)^External Format for the Set of Codes
^TMP($J,LIST,PO,6)=HOSPITAL SUPPLIED SELF MED (55.06,6)^External Format for
the Set of Codes
^TMP($J,LIST,PO,7)=SCHEDULE TYPE (55.06,7)^External Format for the Set of
Codes
^TMP($J,LIST,PO,11)=DAY LIMIT (55.06,11)
^TMP($J,LIST,PO,12)=DOSE LIMIT (55.06,12)
^TMP($J,LIST,PO,27)=ORDER DATE (55.06,27)^External Format (ex: Sep. 12,
1999)
^TMP($J,LIST,PO,27.1)=LOG-IN DATE (55.06,27.1)^External Format (ex: Sep.
12, 1999)
^TMP($J,LIST,PO,28)=STATUS (55.06,28)^External Format for the Set of Codes
^TMP($J,LIST,PO,66)=ORDERS FILE ENTRY (55.06,66)
^TMP($J,LIST,PO,108)=ORDERABLE ITEM (55.06,108)^NAME (50.7,.01)^IEN of the
DOSAGE FORM file (50.606)^NAME (50.606,.01)
^TMP($J,LIST,PO,"DDRUG",Drug IEN,0)= Total entries returned or -1 ^NO DATA
FOUND
^TMP($J,LIST,PO,"DDRUG",Drug IEN,.01)=DISPENSE DRUG (55.07,.01)^GENERIC
NAME (50,.01)
^TMP($J,LIST,PO,"DDRUG",Drug IEN,.02)=UNITS PER DOSE (55.07,.02)
^TMP($J,LIST,PO,"DDRUG",Drug IEN,.03)=INACTIVE DATE (55.07,.03)^External
Format (ex: Sep. 12, 1999)
^TMP($J,LIST,PO,"DDRUG",Drug IEN,.04)=TOTALS UNITS DISPENSED (55.07,.04)
^TMP($J,LIST,PO,"DDRUG",Drug IEN,.05)=UNITS CALLED FOR (55.07,.05)
^TMP($J,LIST,PO,"DDRUG",Drug IEN,.06)=UNITS ACTUALLY DISPENSED (55.07,.06)
^TMP($J,LIST,PO,"DDRUG",Drug IEN,.07)=TOTAL RETURNS (55.07,.07)
^TMP($J,LIST,PO,"DDRUG",Drug IEN,.08)=RETURNS (55.07,.08)
^TMP($J,LIST,PO,"DDRUG",Drug IEN,.09)=PRE-EXCHANGE UNITS (55.07,.09)
^TMP($J,LIST,PO,"DDRUG",Drug IEN,.1)=TOTALS EXTRA UNITS DISPENSED
(55.07,.1)
^TMP($J,LIST,PO,"DDRUG",Drug IEN,.11)=EXTRA UNITS DISPENSED (55.07,.11)
^TMP($J,LIST,PO,"DDRUG",Drug IEN,.12)=TOTAL PRE-EXCHANGE UNITS (55.07,.12)
^TMP($J,LIST,"B",ORDER NUMBER)=" "
```

Where:

DDRUG = IEN of entry in the DISPENSE DRUG multiple

Component: PSS432

Returns a listing of active orders by scanning the PHARMACY PATIENT file (#55) utilizing the "AUS" cross-reference.

Status: Active

PSS432^PSS55(DFN,PO,LIST)

Input:

DFN
PO
LIST

Where:

DFN = IEN from the PATIENT file (#2) [required]
PO = Order number [optional] If left blank, all active orders will be returned
LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP($J,LIST,PO,.01)=ORDER NUMBER (55.06,.01)
^TMP($J,LIST,PO,.5)=PATIENT NAME (DFN) (55.06,.5)^NAME (2,.01)
^TMP($J,LIST,PO,1)=PROVIDER (55.06,1) ^NAME (200,.01)
^TMP($J,LIST,PO,3)=MED ROUTE (55.06,3) ^NAME (51.2,.01)
^TMP($J,LIST,PO,4)=TYPE (55.06,4)^External Format for the Set of Codes
^TMP($J,LIST,PO,5)=SELF MED (55.06,5)^External Format for the Set of Codes
^TMP($J,LIST,PO,6)=HOSPITAL SUPPLIED SELF MED (55.06,6)^External Format for
the Set of Codes
^TMP($J,LIST,PO,7)=SCHEDULE TYPE (55.06,7)^External Format for the Set of
Codes
^TMP($J,LIST,PO,9)=ORIGINAL WARD (55.06,9)^NAME (42,.01)
^TMP($J,LIST,PO,11)=DAY LIMIT (55.06,11)
^TMP($J,LIST,PO,12)=DOSE LIMIT (55.06,12)
^TMP($J,LIST,PO,26)=SCHEDULE (55.06,26)
^TMP($J,LIST,PO,27)=ORDER DATE (55.06,27)^External Format (ex: Sep. 12,
1999)
^TMP($J,LIST,PO,27.1)=LOG-IN DATE (55.06,27.1)^External Format (ex: Sep.
12, 1999)
^TMP($J,LIST,PO,28)=STATUS (55.06,28)^External Format for the Set of Codes
^TMP($J,LIST,PO,108)=ORDERABLE ITEM (55.06,108)^NAME (50.7,.01)^IEN of the
DOSAGE FORM file (50.606)^NAME (50.606,.01)
^TMP($J,LIST,"B",ORDER NUMBER)=" "
```

Component: PSS433

Returns the Unit Dose data from the "2" node of the UNIT DOSE sub-file (#55.06) of the PHARMACY PATIENT file (#55) for the DFN received.

Status: Active

PSS433^PSS55(DFN,LIST)

Input:

DFN
LIST

Where:

DFN = IEN from the PATIENT file (#2) [required]
LIST = defined by the calling application [required]

Output:

```
^TMP($J,LIST,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP($J,LIST,PO,.5)=PATIENT NAME (DFN) (55.06,.5)^NAME (2,.01)
^TMP($J,LIST,PO,9)=ORIGINAL WARD (55.06,9) ^NAME (42,.01)
^TMP($J,LIST,PO,25)=PREVIOUS STOP DATE/TIME (55.06,25)^External Format (ex:
Sep. 12, 1999)
^TMP($J,LIST,PO,26)=SCHEDULE (55.06,26)
^TMP($J,LIST,PO,34)=STOP DATE/TIME (55.06,34)^External Format (ex: Sep. 12,
1999)
^TMP($J,LIST,PO,41)=ADMIN TIMES (55.06,41)
^TMP($J,LIST,PO,42)=FREQUENCY (in minutes)(55.06,42)
^TMP($J,LIST,PO,70)=ORIGINAL START DATE/TIME (55.06,70)^External Format
(ex: Sep. 12, 1999)
^TMP($J,LIST,PO,108)=ORDERABLE ITEM (55.06,108)^NAME (50.7,.01)^IEN of the
DOSAGE FORM file (50.606)^NAME (50.606,.01)
^TMP($J,LIST,"B",ORDER NUMBER)=" "
```

Component: PSS435

Returns the Start Date and Time and/or a list of active Hyperal IV Orders utilizing the "AIT" cross-reference on the STOP DATE/TIME field (#.02) for the DFN received.

Status: Active

PSS435^PSS55(DFN,PO,LIST)

Input:

DFN
PO
LIST

Where:

DFN = IEN from the PATIENT file (#2) [required]
PO = Order number [optional] If left blank, all active orders will be returned

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP(\$J,LIST,PO,.01)=ORDER NUMBER (55.01,.01)
^TMP(\$J,LIST,PO,.02)=START DATE/TIME (55.01,.02)^External Format (ex: Sep. 12, 1999)
^TMP(\$J,LIST,PO,.03)=STOP DATE/TIME (55.01,.03)^External Format (ex: Sep. 12, 1999)
^TMP(\$J,LIST,PO,.04)=TYPE (55.01,.04)^External Format for the Set of Codes
^TMP(\$J,LIST,PO,.06)=PROVIDER (55.01,.06)^NAME (200,.01)
^TMP(\$J,LIST,PO,.08)=INFUSION RATE (55.01,.08)
^TMP(\$J,LIST,PO,.09)=SCHEDULE (55.01,.09)
^TMP(\$J,LIST,PO,.12)=ADMINISTRATION TIMES (55.01,.12)
^TMP(\$J,LIST,PO,.17)=SCHEDULE INTERVAL (55.01,.17)
^TMP(\$J,LIST,PO,.24)=CUMULATIVE DOSES (55.01,.24)
^TMP(\$J,LIST,PO,9)=ORIGINAL WARD (55.01,9)^NAME (42,.01)
^TMP(\$J,LIST,PO,31)=OTHER PRINT INFO (55.01,31)
^TMP(\$J,LIST,PO,100)=STATUS (55.01,100)^External Format for the Set of Codes
^TMP(\$J,LIST,PO,104)=WARD (55.01,104)
^TMP(\$J,LIST,PO,106)=CHEMOTHERAPY TYPE (55.01,106)^External Format for the Set of Codes
^TMP(\$J,LIST,PO,108)=INTERMITTENT SYRINGE (55.01,108)
^TMP(\$J,LIST,PO,110)=ORDERS FILE ENTRY (55.01,110)
^TMP(\$J,LIST,PO,112)=ATZERO (55.01,112)^External Format for the Set of Codes
^TMP(\$J,LIST,PO,120)=OERR HOLD FLAG (55.01,120)^External Format for the Set of Codes
^TMP(\$J,LIST,PO,121)=AUTO DC (55.01,121)^External Format for the Set of Codes
^TMP(\$J,LIST,PO,130)=ORDERABLE ITEM (55.01,130)^NAME (50.7,.01)^IEN of the DOSAGE FORM file (50.606)^NAME (50.606,.01)
^TMP(\$J,LIST,PO,132)=MED ROUTE (55.01,132)^NAME (51.2,.01)
^TMP(\$J,LIST,"B",ORDER NUMBER)=" "

Component: PSS436

Returns a list of the active IV Additive Information, found on the AD nodes of the PHARMACY PATIENT file (#55) for the DFN received.

Status: Active

PSS436^PSS55 (DFN, ORDER, LIST)

Input:

DFN
ORDER
LIST

Where:

DFN = IEN from the PATIENT file (#2) [required]
ORDER = Order number [required]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0)=Total entries returned by patient or -1^NO DATA FOUND
^TMP(\$J,LIST,ORDER,.01)=ORDER NUMBER (55.01,.01)
^TMP(\$J,LIST,ORDER,.02)=START DATE/TIME (55.01,.02)^External Format (ex:
Sep. 12, 1999)
^TMP(\$J,LIST,ORDER,.03)=STOP DATE/TIME (55.01,.03)^External Format (ex:
Sep. 12, 1999)
^TMP(\$J,LIST,ORDER,.04)=TYPE (55.01,.04)^External Format for the Set of
Codes
^TMP(\$J,LIST,ORDER,.06)=PROVIDER (55.01,.06)^NAME (200,.01)
^TMP(\$J,LIST,ORDER,.08)=INFUSION RATE (55.01,.08)
^TMP(\$J,LIST,ORDER,.09)=SCHEDULE (55.01,.09)
^TMP(\$J,LIST,ORDER,.12)=ADMINISTRATION TIMES (55.01,.12)
^TMP(\$J,LIST,ORDER,.17)=SCHEDULE INTERVAL (55.01,.17)
^TMP(\$J,LIST,ORDER,.24)=CUMULATIVE DOSES (55.01,.24)
^TMP(\$J,LIST,ORDER,9)=ORIGINAL WARD (55.01,9)^NAME (42,.01)
^TMP(\$J,LIST,ORDER,31)=OTHER PRINT INFO (55.01,31)
^TMP(\$J,LIST,ORDER,100)=STATUS (55.01,100)^External Format for the Set of
Codes
^TMP(\$J,LIST,ORDER,104)=WARD (55.01,104)
^TMP(\$J,LIST,ORDER,106)=CHEMOTHERAPY TYPE (55.01,106)^External Format for
the Set of Codes
^TMP(\$J,LIST,ORDER,108)=INTERMITTENT SYRINGE (55.01,108)^External Format
for the Set of Codes
^TMP(\$J,LIST,ORDER,110)=ORDERS FILE ENTRY (55.01,110)
^TMP(\$J,LIST,ORDER,112)=ATZERO (55.01,112)^External Format for the Set of
Codes
^TMP(\$J,LIST,ORDER,120)=OERR HOLD FLAG (55.01,120)^External Format for the
Set of Codes
^TMP(\$J,LIST,ORDER,121)=AUTO DC (55.01,121)^External Format for the Set of
Codes
^TMP(\$J,LIST,ORDER,130)=ORDERABLE ITEM (55.01,130)^NAME (50.7,.01)^IEN of
the DOSAGE FORM file (50.606)^NAME (50.606,.01)
^TMP(\$J,LIST,ORDER,132)=MED ROUTE (55.01,132)^NAME (51.2,.01)
^TMP(\$J,LIST,ORDER,147)=BCMA EXPIRED FLAG (55.01,147)^External Format for
the Set of Codes
^TMP(\$J,LIST,ORDER,"ADD",0)=Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,ORDER,"ADD",n1,.01)=ADDITIVE (55.02,.01) ^PRINT NAME
(52.6,.01)
^TMP(\$J,LIST,ORDER,"ADD",n1,.02)=STRENGTH (55.02,.02)
^TMP(\$J,LIST,ORDER,"ADD",n1,.03)=BOTTLE (55.02,.03)
^TMP(\$J,LIST,ORDER,"SOL",0)=Total entries returned or -1^NO DATA FOUND
^TMP(\$J,LIST,ORDER,"SOL",n2,.01)=SOLUTION (55.11,.01)^PRINT NAME (52.7,.01)
^TMP(\$J,LIST,ORDER,"SOL",n2,1)=VOLUME (55.11, 1)
^TMP(\$J,LIST,"B",ORDER NUMBER)=" "

Where:

n1 = IEN of entry in the ADDITIVE multiple
n2 = IEN of entry in the SOLUTION multiple

PSS55MIS API – PHARMACY PATIENT file (#55)

Component: CLINIC

Returns a clinic from the HOSPITAL LOCATION file (#44) based on a provided order number and patient DFN.

Status: Active

S X= \$\$CLINIC^PSS55MIS(PSSORD, PSSDFN, PSSMED)

Input:

PSSORD
PSSDFN
PSSMED

Where:

PSSORD = Order Number from either the IV sub-file (#55.01) **or** UNIT DOSE sub-file (#55.06) of the PHARMACY PATIENT file (#55) [required]
PSSDFN = IEN from the PATIENT file (#2) [required]
PSSMED = "I" to return entries from the IV sub-file (#55.01) or "U" for entries from the UNIT DOSE sub-file (#55.06) [required]

Output:

\$\$CLINIC = clinic number^clinic name

Where:

clinic number = IEN from the HOSPITAL LOCATION file (#44)
clinic name = NAME field (#.01) from the HOSPITAL LOCATION file (#44)

Component: STATUS

Returns the set of codes as defined by VA FileMan Data Retrieval call FIELD^DID to the array defined by the calling application. This API is restricted to only the STATUS field (#28) in the UNIT DOSE sub-file (#55.06), STATUS field (#100) in the IV sub-file (#55.01), and the STATUS field (#5) in the NON-VA MEDS sub-file (#55.05) of the PHARMACY PATIENT file (#55).

Status: Active

STATUS^ PSS55MIS(PSSFILE, PSSFIELD, LIST)

Input:

PSSFILE
PSSFIELD
LIST

Where:

PSSFILE = Subfile number from the PHARMACY PATIENT file (#55) [required]
PSSFIELD = Field number from the subfile listed above [required]
LIST = Array name defined by the calling application [required]

Output:

PSSDIY will return null if the value for PSSFILE is valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for FIELD^DID output definition



Note: Make sure LIST("POINTER") is not defined when making this call.

PSS59P7 API – PHARMACY SYSTEM file (#59.7)

Component: PSS

Returns the OUTPATIENT VERSION field (#49.99), ADMISSION CANCEL OF RXS field (#40.1) and the ORDERABLE ITEM STATUS TRACKER field (#81) from the PHARMACY SYSTEM file (#59.7) for the IEN or free text entry received.

Status: Active

PSS^PSS59P7(PSSIEN,PSSTXT,LIST)

Input:

PSSIEN
PSSTXT
LIST

Where:

PSSIEN = IEN of entry in PHARMACY SYSTEM file (#59.7) [optional]
PSSTXT = Free text entry [optional]
LIST = defined by the calling application [required]



Note: Either the IEN or free text entry must be present.

Note: "???" functionality not needed because only one entry is allowed in the file.

Output:

^TMP(\$J,LIST,PSSIEN,40.1)=ADMISSION CANCEL OF RXS (59.7,40.1)^External
Format for the Set of Codes
^TMP(\$J,LIST,PSSIEN,49.99)=OUTPATIENT VERSION (59.7,49.99)
^TMP(\$J,LIST,PSSIEN,81)=ORDERABLE ITEM STATUS TRACKER (59.7,81)^External
Format for the Set of Codes
^TMP(\$J,LIST,"B",SITE NAME,PSSIEN)=" "

PSS781 API – PHARMACY PATIENT file (#55)

Component: PSS

Returns the Clozapine data from the "SAND" node in the PHARMACY PATIENT file (#55).

Status: Active

PSS^PSS781(PSSDFN,PSSNUM,LIST)

Input:

PSSDFN
PSSNUM
LIST

Where:

PSSDFN = IEN of Patient [required]
PSSNUM = CLOZAPINE REGISTRATION NUMBER field (#53) of PHARMACY PATIENT file (#55) [optional]
LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0)=1 for successful return of data or -1^NO DATA FOUND
^TMP(\$J,LIST,DFN,53)=CLOZAPINE REGISTRATION NUMBER (53)
^TMP(\$J,LIST,DFN,54)=CLOZAPINE STATUS (54)^External Format for the Set of
Codes
^TMP(\$J,LIST,DFN,55)=DATE OF LAST CLOZAPINE RX (55)^External Format (ex:
Sep. 12, 1999)
^TMP(\$J,LIST,DFN,56)=DEMOGRAPHICS SENT (56)^External Format for the Set of
Codes

```
^TMP($J,LIST,DFN,57)=RESPONSIBLE PROVIDER (pointer value) (57)^NAME  
(200,.01)  
^TMP($J,LIST,DFN,58)=REGISTRATION DATE (58)^External Format (ex: Sep. 12,  
1999)
```

Component: WRT

Sets the CLOZAPINE STATUS field (#54) for Mental Health in the “SAND” node in the PHARMACY PATIENT file (#55).

Status: Active

```
WRT^PSS781(PSSDFN,PSSSTAT,LIST)
```

Input:

```
PSSDFN  
PSSSTAT  
LIST
```

Where:

```
PSSDFN = IEN of Patient [required]  
PSSSTAT = Clozapine Status [required]  
LIST = defined by the calling application [required]
```

Output:

```
^TMP($J,LIST,0) = -1 for failure or 1 for success
```

PSSDI API – FileMan Calls

Component: DIC – Lookup/Add

This API will accept input values and return output values as defined by VA FileMan Lookup/Add call ^DIC for the following files:

DRUG (#50) File

DRUG ELECTROLYTES (#50.4) File

DOSAGE FORM (#50.606) File

PHARMACY ORDERABLE ITEM (#50.7) File

MEDICATION INSTRUCTION (#51) File

ADMINISTRATION SCHEDULE (#51.1) File

MEDICATION ROUTES (#51.2) File

ORDER UNIT (#51.5) File

IV ADDITIVES (#52.6) File

IV SOLUTIONS (#52.7) File

RX CONSULT (#54) File

APSP INTERVENTION TYPE (#9009032.3) File

APSP INTERVENTION RECOMMENDATION (#9009032.5) File

Status: Active

DIC^PSSDI(PSSFILE,PSSAPP,.DIC,.X,DLAYGO,PSSSCRDT,PSSSCRUS,.PSSVACL)

Input:

PSSFILE
PSSAPP
PSSSCRDT
PSSSCRUS
PSSVACL


Note: The input variables PSSFILE, PSSAPP, PSSSCRUS AND PSSVACL are killed in the PSSDI routine, so if they are passed by reference by the calling application, they will no longer be defined after the PSSDI call for the calling application.

Where:

PSSFILE = File number used for validation of access [required]
PSSAPP = Name space of the calling application (ex: PSJ for Inpatient Meds, PSO for Outpatient; PSSAPP is used to check if write access is allowed) [optional]
See VA FileMan Programmer Manual for ^DIC call, for DIC, X, and DLAYGO input definitions
PSSSCRDT = Inactivation Date. If the file has an Inactivation Date, then any entry with an Inactivation Date on or before PSNDATE will not be returned.
PSSSCRUS = APPLICATION PACKAGES' USE. This parameter only applies when the file is the DRUG file (#50). PSSSCRUS should be passed in the form of a String. If any of the characters in the PSSSCRUS String is contained in the APPLICATION PACKAGES' USE field (#63), then the entry will be returned.
PSSVACL = An array containing VA CLASSES that the user wants either included or excluded for the Drug lookup. This parameter only applies when the file is the DRUG file (#50).

For example, if only drugs with a VA Class of DX201 & DX202 were to be available for selection, the local variable array would look like this:

```
PSSVACL("DX201")=""  
PSSVACL("DX202")=""  
PSSVACL("R")="" - The "R" means only drugs with these classes will be  
available for selection. If these classes were to be excluded, the letter  
"P" would be used instead.
```

 Note: This API kills DIC("S") upon entry. If the calling application passes in any of the screening parameters (PSSSCRDT, PSSSCRUS, PSSVACL), the API will set DIC("S") by utilizing those parameter(s) and DIC("S") will remain defined after this call for the calling application.

Output:

PSSDIY will return null if the values for PSSFILE and PSSAPP are valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for ^DIC output definition
DLAYGO should only be passed in if the calling application has this type of access through another Integration Agreement

Component: DIE

Accepts input values and return output values as defined by VA FileMan Edit Data call ^DIE.

Status: Inactive

DIE^PSSDI (PSSFILE, PSSAPP, DIE, DA, DR, DIDEL)

Input:

PSSFILE

PSSAPP

Where:

PSSFILE = File number used for validation of access [required]

PSSAPP = Name space of the calling application (ex: PSJ for Inpatient Meds, PSO for Outpatient; PSSAPP is used to check if write access is allowed)

[optional]

See VA FileMan Programmer Manual for ^DIE call, for DIE, DA, DR, and DIDEL input definitions

Output:

PSSDIY will return null if the values for PSSFILE and PSSAPP are valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for ^DIE output definition

Component: DO - File Information Setup

This API will accept input values and return output values as defined by the VA FileMan File Information Setup call DO^DIC1 for the following files:

DRUG (#50) File

DRUG ELECTROLYTES (#50.4) File

DOSAGE FORM (#50.606) File

PHARMACY ORDERABLE ITEM (#50.7) File

MEDICATION INSTRUCTION (#51) File

ADMINISTRATION SCHEDULE (#51.1) File

MEDICATION ROUTES (#51.2) File

ORDER UNIT (#51.5) File

IV ADDITIVES (#52.6) File

IV SOLUTIONS (#52.7) File

RX CONSULT (#54) File

APSP INTERVENTION TYPE (#9009032.3) File

APSP INTERVENTION RECOMMENDATION (#9009032.5) File

Status: Active

DO^PSSDI (PSSFILE, PSSAPP, .DIC)

Input:

PSSFILE
PSSAPP

Where:

PSSFILE = File number used for validation of access [required]
PSSAPP = Name space of the calling application (ex: PSJ for Inpatient Meds,
PSO for Outpatient; PSSAPP is used to check if write access is allowed)
[optional]
See VA FileMan Programmer Manual for DO^DIC1 call , for DIC input
definition

Output:

PSSDIY will return null if the values for PSSFILE and PSSAPP are valid (it
will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for DO^DIC1 output definition

Component: EN – Data Retrieval

This API will accept input values and return output values as defined by the VA FileMan Data Retrieval
call EN^DIQ1 for the following files and subfiles:

DRUG (#50) File

OLD NAMES (#50.01) Subfile of the DRUG (#50) File

CLOZAPINE LAB TEST (#50.02) Subfile of the DRUG (#50) File

ATC CANISTER (#50.0212) Subfile of the DRUG (#50) File

ACTIVITY LOG (#50.0214) Subfile of the DRUG (#50) File

DRUG TEXT ENTRY (#50.037) Subfile of the DRUG (#50) File

IFCAP ITEM NUMBER (#50.0441) Subfile of the DRUG (#50) File

FORMULARY ALTERNATIVE (#50.065) Subfile of the DRUG (#50) File

POSSIBLE DOSAGES (#50.0903) Subfile of the DRUG (#50) File

LOCAL POSSIBLE DOSAGE (#50.0904) Subfile of the DRUG (#50) File

SYNONYM (#50.1) Subfile of the DRUG (#50) File

DRUG ELECTROLYTES (#50.4) File

DOSAGE FORM (#50.606) File

PHARMACY ORDERABLE ITEM (#50.7) File

SYNONYM (#50.72) Subfile of the PHARMACY ORDERABLE ITEM (#50.7) File

OI-DRUG TEXT ENTRY (#50.76) Subfile of the PHARMACY ORDERABLE ITEM (#50.7) File

MEDICATION INSTRUCTION (#51) File

WARD (#51.01) Subfile of the MEDICATION INSTRUCTION (#51) File

ADMINISTRATION SCHEDULE (#51.1) File

WARD (#51.11) Subfile of the ADMINISTRATION SCHEDULE (#51.1) File

HOSPITAL LOCATION (#51.17) Subfile of the ADMINISTRATION SCHEDULE (#51.1) File

MEDICATION ROUTES (#51.2) File

ORDER UNIT (#51.5) File

IV ADDITIVES (#52.6) File

QUICK CODE (#52.61) Subfile of the IV ADDITIVES (#52.6) File

ELECTROLYTES (#52.62) Subfile of the IV ADDITIVES (#52.6) File

SYNONYM (#52.63) Subfile of the IV ADDITIVES (#52.6) File

DRUG INFORMATION (#52.64) Subfile of the IV ADDITIVES (#52.6) File

IV SOLUTIONS (#52.7) File

ELECTROLYTES (#52.702) Subfile of the IV SOLUTIONS (#52.7) File

SYNONYM (#52.703) Subfile of the IV SOLUTIONS (#52.7) File

DRUG INFORMATION (#52.704) Subfile of the IV SOLUTIONS (#52.7) File

RX CONSULT (#54) File

TEXT (#54.1) Subfile of the RX CONSULT (#54) File

APSP INTERVENTION TYPE (#9009032.3) File

APSP INTERVENTION RECOMMENDATION (#9009032.5) File

Status: Active

EN^PSSDI (PSSFILE, PSSAPP, DIC, .DR, .DA, .DIQ)

Input:

PSSFILE

PSSAPP

Where:

PSSFILE = File number or subfile number used for validation of access
[required]

PSSAPP = Name space of the calling application (ex: PSJ for Inpatient Meds,
PSO for Outpatient; PSSAPP is used to check if write access is allowed)
[optional]

See VA FileMan Programmer Manual for EN^DIQ1 call, for DIC, DR, DA, DIQ
input definitions

Output:

PSSDIY will return null if the values for PSSFILE and PSSAPP are valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for EN^DIQ1 output definition

Component: EN1

Accepts input values and return output values as defined by VA FileMan Print Data call EN1^DIP.

Status: Inactive

EN1^PSSDI(PSSFILE,PSSAPP,DIC,.L,FLDS,BY,.FR,.TO,DHD)

Input:

PSSFILE
PSSAPP

Where:

PSSFILE = File number used for validation of access [required]
PSSAPP = Name space of the calling application (ex: PSJ for Inpatient Meds, PSO for Outpatient; PSSAPP is used to check if write access is allowed) [optional]
See VA FileMan Programmer Manual for EN1^DIP call, for DIC, L, FLDS, BY, FR, TO and DHD input definitions

Output:

PSSDIY will return null if the values for PSSFILE and PSSAPP are valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for EN1^DIP output definition

Component: FILE

Accepts input values and return output values as defined by VA FileMan Add call FILE^DIC1.

Status: Inactive

FILE^PSSDI(PSSFILE,PSSAPP,.DIC,DA,X,DINUM,DLAYGO)

Input:

PSSFILE
PSSAPP

Where:

PSSFILE = File number used for validation of access [required]
PSSAPP = Name space of the calling application (ex: PSJ for Inpatient Meds, PSO for Outpatient; PSSAPP is used to check if write access is allowed) [optional]
See VA FileMan Programmer Manual for FILE^DICN call, for DIC, DA, X, DINUM, and DLAYGO input definitions

Output:

PSSDIY will return null if the values for PSSFILE and PSSAPP are valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for FILE^DICN output definition
DLAYGO should only be passed in if the calling application has this type of access through another Integration Agreement

Component: FNAME – Field Name Retrieval

Returns the field name of the specified Pharmacy file or Pharmacy subfile for the field number and file number or subfile number passed in for the following files and subfiles:

All Files and SubFiles with numbers between 50 (inclusive) and 60 (exclusive), in addition to these files and subfiles:

CMOP SYSTEM (#550) File

ACTIVATE/INACTIVATE DT/TM (#550.04) Subfile of the CMOP SYSTEM (#550) File

AUTO TRANSMIT (#550.07) Subfile of the CMOP SYSTEM (#550) File

PURGE DT/TM (#550.08) Subfile of the CMOP SYSTEM (#550) File

AUTO TRANSMIT CS (#550.09) Subfile of the CMOP SYSTEM (#550) File

CMOP RX QUEUE (#550.1) File

TRANSMISSION TEXT (#550.11) Subfile of the CMOP RX QUEUE (#550.1) File

RX NUMBER (#550.1101) Subfile of the CMOP RX QUEUE (#550.1) File

CMOP TRANSMISSION (#550.2) File

PRESCRIPTIONS (#550.215) Subfile of the CMOP TRANSMISSION (#550.2) File

COMMENTS (#550.216) Subfile of the CMOP TRANSMISSION (#550.2) File

PPP PARAMETER (#1020.1) File

PPP FOREIGN FACILITY XREF (#1020.2) File

PPP STATISTIC (#1020.3) File

PPP LOG (#1020.4) File

PPP EXCLUSION (#1020.5) File

REASON (#1020.51) Subfile of the PPP EXCLUSION (#1020.5) File

PPP CODE (#1020.6) File

PPP NEW SSN (#1020.7) File

PPP DOMAIN XREF (#1020.8) File

APSP INTERVENTION TYPE (#9009032.3) File

APSP INTERVENTION (#9009032.4) File

OTHER FOR INTERVENTION (#9009032.411) Subfile of the APSP INTERVENTION (#9009032.4) File

OTHER FOR RECOMMENDATION (#9009032.412) Subfile of the APSP INTERVENTION (#9009032.4) File

REASON FOR INTERVENTION (#9009032.413) Subfile of the APSP INTERVENTION (#9009032.4) File

ACTION TAKEN (#9009032.414) Subfile of the APSP INTERVENTION (#9009032.4) File

CLINICAL IMPACT (#9009032.415) Subfile of the APSP INTERVENTION (#9009032.4) File

FINANCIAL IMPACT (#9009032.416) Subfile of the APSP INTERVENTION (#9009032.4) File

APSP INTERVENTION RECOMMENDATION (#9009032.5) File

Status: Active

S X= \$\$FNAME^PSSDI(PSSFNO,PSSFILE)

Input:

PSSFNO
PSSFILE

Where:

PSSFNO = Field number [required]
PSSFILE = File number or sub-file number [required]. This file must be a file that is owned by a Pharmacy application (files and subfiles listed above).

Output:

\$\$FNAME

Where:

\$\$FNAME = the field name. If an invalid field number or invalid file number is passed in, or the file number passed in is not a file owned by a pharmacy application (files and subfiles listed above), null will be returned.

Component: IX - Lookup/Add call IX^DIC

Accepts input values and return output values as defined by VA FileMan Lookup/Add call IX^DIC.

Status: Inactive

IX^PSSDI(PSSFILE,PSSAPP,.DIC,D,.X,DLAYGO)

Input:

PSSFILE
PSSAPP

Where:

PSSFILE = File number used for validation of access [required]
PSSAPP = Name space of the calling application (ex: PSJ for Inpatient Meds, PSO for Outpatient; PSSAPP is used to check if write access is allowed) [optional]
See VA FileMan Programmer Manual for IX^DIC call, for DIC, D, X, and DLAYGO input definitions

Output:

PSSDIY will return null if the values for PSSFILE and PSSAPP are valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for IX^DIC output definition

DLAYGO should only be passed in if the calling application has this type of access through another Integration Agreement

Component: MIX – Lookup/Add

This API will accept input values and return output values as defined by the VA FileMan Lookup/Add call MIX^DIC1, for the following files:

DRUG (#50) File

DRUG ELECTROLYTES (#50.4) File

DOSAGE FORM (#50.606) File

PHARMACY ORDERABLE ITEM (#50.7) File

MEDICATION INSTRUCTION (#51) File

ADMINISTRATION SCHEDULE (#51.1) File

MEDICATION ROUTES (#51.2) File

ORDER UNIT (#51.5) File

IV ADDITIVES (#52.6) File

IV SOLUTIONS (#52.7) File

RX CONSULT (#54) File

APSP INTERVENTION TYPE (#9009032.3) File

APSP INTERVENTION RECOMMENDATION (#9009032.5) File

Status: Active

MIX^PSSDI (PSSFILE, PSSAPP, .DIC, D, .X, DLAYGO, PSSDATE, PSSUSAGE, .PSSVACL)

Input:

PSSFILE
PSSAPP
PSSDATE
PSSUSAGE
PSSVACL

Note: The input variables PSSFILE, PSSAPP, PSSUSAGE AND PSSVACL are killed in the PSSDI routine, so if they are passed by reference by the calling application, they will no longer be defined after the PSSDI call by the calling application.


Where:

PSSFILE = File number used for validation of access [required]
PSSAPP = Name space of the calling application (ex: PSJ for Inpatient Meds, PSO for Outpatient; PSSAPP is used to check if write access is allowed) [optional]
See VA FileMan Programmer Manual for MIX^DIC1 call, for DIC, D, X, and DLAYGO input definitions

PSSDATE = Inactivation Date. If the file has an Inactivation Date, then any entry with an Inactivation Date on or before PSNDATE will not be returned.
PSSUSAGE = APPLICATION PACKAGES' USE. This parameter only applies when the file is the DRUG file (#50). PSSUSAGE should be passed in the form of a String. If any of the characters in the PSSUSAGE String is contained in the APPLICATION PACKAGES' USE field (#63), then the entry will be returned.
PSSVACL = An array containing VA CLASSES that the user wants either included or excluded for the Drug lookup. This parameter only applies when the file is the DRUG file (#50).

For example, if only drugs with a VA Class of DX201 & DX202 were to be available for selection, the local variable array would look like this:

```
PSSVACL("DX201")=""  
PSSVACL("DX202")=""  
PSSVACL("R")="" - The "R" means only drugs with these classes will be  
available for selection. If these classes were to be excluded, the letter  
"P" would be used instead.
```

 Note: This API kills DIC("S") upon entry. If the calling application passes in any of the screening parameters (PSSDATE, PSSUSAGE, PSSVACL), the API will set DIC("S") by utilizing those parameter(s) and DIC("S") will remain defined after this call for the calling application.

Output:

PSSDIY will return null if the values for PSSFILE and PSSAPP are valid (it will return -1 if conditions were not met)

Where:

See VA FileMan Programmer Manual for MIX^DIC1 output definition
DLAYGO should only be passed in if the calling application has this type of access through another Integration Agreement

PSSFILES API – Help Text

Component: HLP

Returns help text for “?” input value on the specified PDM file in the array defined by the calling application.

Status: Inactive

HLP^PSSFILES(PSSFILE,LIST)

Input:

PSSFILE

LIST

Where:

PSSFILE = PDM file number (ex: 50 for DRUG file, 52.6 for IV ADDITIVES file) [required]

LIST = defined by the calling application [required]

Output:

^TMP(\$J,LIST,0) = Total entries returned or -1^NO DATA FOUND

^TMP(\$J,LIST,X) = HELP TEXT

Where:

X is the index number

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Pharmacy Benefits Management (PBM)

At this time there are no supported APIs for the Pharmacy Benefits Management application.

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Pharmacy Prescription Practices (PPP)

At this time there are no supported APIs for the Pharmacy Prescription Practices application.

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List of File Numbers and Names

#50	<i>See</i> DRUG file
#50.4	<i>See</i> DRUG ELECTROLYTES file
#50.416	<i>See</i> DRUG INGREDIENTS file
#50.6	<i>See</i> VA GENERIC file
#50.605	<i>See</i> VA DRUG CLASS file
#50.606	<i>See</i> DOSAGE FORM file
#50.607	<i>See</i> DRUG UNITS file
#50.612	<i>See</i> NATIONAL DRUG TRANSLATION file
#50.625	<i>See</i> WARNING LABEL-ENGLISH file
#50.626	<i>See</i> WARNING LABEL-SPANISH file
#50.627	<i>See</i> WARNING LABEL MAP file
#50.68	<i>See</i> VA PRODUCT file
#50.7	<i>See</i> PHARMACY ORDERABLE ITEM file
#51	<i>See</i> MEDICATION INSTRUCTION file
#51.1	<i>See</i> ADMINISTRATION SCHEDULE file
#51.15	<i>See</i> ADMINISTRATION SHIFT file
#51.2	<i>See</i> MEDICATION ROUTES file
#51.5	<i>See</i> ORDER UNIT file
#52	<i>See</i> PRESCRIPTION file
#52.41	<i>See</i> PENDING OUTPATIENT ORDERS file
#52.5	<i>See</i> RX SUSPENSE file
#52.52	<i>See</i> CLOZAPINE PRESCRIPTION OVERRIDES file
#52.6	<i>See</i> IV ADDITIVES file
#52.7	<i>See</i> IV SOLUTIONS file
#52.91	<i>See</i> TPB ELIGIBILITY file
#53	<i>See</i> RX PATIENT STATUS file
#53.1	<i>See</i> NON-VERIFIED ORDERS file
#54	<i>See</i> RX CONSULT file
#55	<i>See</i> PHARMACY PATIENT file
#550	<i>See</i> CMOP SYSTEM file
#56	<i>See</i> DRUG INTERACTION file

#59 *See* OUTPATIENT SITE file
#59.5 *See* IV ROOM file
#59.7 *See* PHARMACY SYSTEM file
#9009032.3 *See* APSP INTERVENTION TYPE file
#9009032.5 *See* APSP INTERVENTION RECOMMENDATION file