**Incomplete Records Tracking (IRT)**

**Technical Manual**

Version 1.0

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**V***IST***A** Software Design & Development

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# Introduction

The Incomplete Records Tracking (IRT) software is formerly a component of PIMS V. 5.3. With PIMS V. 5.3, it includes many enhancements that should allow the users greater flexibility and efficiency when tracking incomplete records.

The package now tracks all types of deficiencies, in addition to those already being tracked (Discharge and Interim Summaries and OP Reports). The sites will have the ability to add the deficiencies they wish to track to make this package more site specific.

# The Physician for Deficiency will be tracked throughout the IRT process. The users will know who is responsible for the deficiency at various stages of tracking, from entry through completion.

# Orientation

This is the technical manual for the Incomplete Records Tracking (IRT) software package. It is designed to provide necessary information for use in the technical operation of the Incomplete Records Tracking software product. The technical manual is intended for use by technical computer personnel and not the typical end user.

# General Information

Namespace and Conventions

The namespace assigned to Incomplete Records Tracking is DGJ.

Background Job Options

 SUGGESTED DEVICE

OPTION NAME RUN FREQUENCY REQUIRED REMARKS

DGJ IRT UPDATE (BACKGROUND) Nightly NO Schedule in TaskMan

E-Mail Notifications

# OPTION SUBJECT ROUTINE

IRT Update Std. Def. Background Job Patients Discharged Less than 48 hours DGJBGJ

IRT Update Std. Deficiencies Patients Discharged Less than 48 hours DGJBGJ

E-Mail Reports

There is a report that is created by the IRT background job that is sent to a mail group at each facility. This report lists the patients that have had short form discharges (less than 48 hours from admission) within the time frame of when the IRT background job was run. The facility should use the Bulletin Selection option under the ADT System Definition menu to set up the mail group to receive this report.

Integrity Checker

IRT uses KIDS integrity checker. Under the installation option of the Kernel Installation Distribution System menu, select Verify Checksums in Transport Global to ensure that the routines are correct.

SACC Exemptions/Non-Standard Code

There are no SACC exemptions/non-standard code in the IRT package.

# Implementation and Maintenance

The IRT package may be tailored specifically to meet the needs of the various sites. The IRT package will function around the parameters defined through the Set up IRT Parameters option. The IRT short form list group entry may be found in the Bulletin Selection of the ADT System Definition Menu option.

Set up IRT Parameters

The Set up IRT Parameters option is used to establish site specific parameters and activate/inactivate the IRT package. You must hold the DGJ SUPER key to access this option.

These site parameters determine the default physician responsible for dictating and signing the summary/report, whether reviewed by another physician is required, the default physician (if any) responsible for reviewing the summary/report, whether outpatient operation reports are tracked, the number of days a physician has to dictate, sign, and review a summary/report before it is considered incomplete, any message you wish to have appear on the bottom of each page of the Incomplete Records List or Undictated Reports List, and if short forms (admission and discharge within 48 hours) should have standard deficiencies created for them.

Listed below is a brief explanation of each site parameter.

MEDICAL CENTER DIVISION NAME

The name or number of the division for which you wish to set the IRT parameters. The division entered at this prompt must be in the MEDICAL CENTER DIVISION file.

TRACK INCOMPLETE SUMMARIES?

Enter YES to track incomplete summaries/reports. If NO is entered, the IRT package will be inactivated and no incomplete reports or summaries will be tracked. The system will maintain the default values of all other site parameters while the package is inactivated. When the IRT package is reactivated, those defaults will become effective.

DEFAULT PRIMARY PHYSICIAN

Select PRIMARY or ATTENDING physician. Depending on the entry made, when the summary or operation report entry is created, the physician of record (PRIMARY or ATTENDING) in Bed Control will be the default Primary physician for the Incomplete Records entry.

ARE REPORTS REVIEWED?

Enter YES if this division requires a second physician to review the summary/report. Enter NO if review by a second physician is not necessary.

DEFAULT REVIEWING PHYSICIAN

This prompt will only appear if YES was entered at the previous prompt. Enter PRIMARY or ATTENDING physician. Depending on the entry made, when the summary or operation report is created, the physician of record (PRIMARY or ATTENDING) in Bed Control will be the default Attending physician for the Incomplete Records entry.

DEFAULT PHYS. FOR SIGNATURE

Select PRIMARY or ATTENDING physician. Depending on the entry made, when the summary or operation report entry is created, the physician of record (PRIMARY or ATTENDING) in Bed Control will be the default physician.

TRACK OUTPATIENT OP REPORTS?

Enter YES if you want to track outpatient operation reports at this division. Enter NO to not track outpatient reports.

DAYS FOR DICTATION

The number of days (0-99) the physician has to dictate a summary/report before it is considered incomplete.

DAYS FOR SIGNATURE

The number of days (0-99) from the date of transcription the physician has to sign a summary/report before it is considered incomplete.

DAYS FOR REVIEW

The number of days (0-99) the reviewing physician has to review the report, once it has been signed, before it is considered incomplete. This prompt will only appear if “ARE REPORTS REVIEWED” prompt is answered YES.

INCOMPLETE SUMMERIES MESSAGE

A free text message, 1-99 characters in length, which will appear on the reports generated by the Incomplete Reports Print and Undictated Reports Print options.

STD. DEFIC. FOR SHORT FORMS

Renter YES if you wish the IRT background job to create standard deficiencies for short form discharges (discharged less than 48 hours after admission).

DEFAULT MEDICAL RECORD TYPE

Enter the Record Type name used for Medical Records. If the entry is left blank, the default value will be MEDICAL RECORDS. This parameter is useful at sites which may have a different name for their Medical Records department.

ADT System Definition Menu Option: Bulletin Selection

This option is used to specify the mail group you desire specific types of notification to be made to. The mail group can be one created locally or a distributed 'DG' mail group. If a mail group is selected, notification concerning that specific action will be made in the form of a mailman bulletin. If no notification is desired for a specific action, no mail group should be specified. If you have any questions concerning the purpose of a specific type of notification enter a question, mark at the applicable prompt.

DEATH GROUP: DEATH GROUP// **^IRT SHORT FORM LIST GROUP**

IRT SHORT FORM LIST GROUP: **???**

 Select the name of the mail group which should be notified whenever

 the IRT Background Job is run, options: (IRT Update Std. Deficiencies and

 IRT Update Std. Def. Background Job), to receive a list of patients that

 have been discharged less than 48 hours from their admission (Short Form).

 If no mail group is selected no bulletin will be generated.

Answer with MAIL GROUP NAME

Do you want the entire 860-Entry MAIL GROUP List?

# Routines

Routines to Map

For those sites where routine mapping is applicable, the compiled templates DGJX\* may be recommended for mapping.

Callable Routines

VADATE Generic Date Routine

VADPT Obtain Patient Information

VALM List Manager

VAUTOMA Generic One, Many, All Routine

See Package-Wide Variables section of this manual for entry points.

Compiled Template Routines

It is recommended you recompile the following input templates at 4000 bytes.

FILE # TEMPLATE NAME ROUTINES

393 DGJ EDIT IRT RECORD DGJXE\*

 DGJ ENTER IRT RECORD DGJXA\*

Routine List

The following are the steps you may take to obtain a listing of the routines contained in the IRT package.

1. Programmer Options Menu
2. Routine Tools Menu
3. First Line Routine Print Option
4. Routine Selector: DGJ\*

# Files

Globals and Files

The main globals used in the IRT package are ^DG, and ^VAS. The main files are INCOMPLETE RECORDS, MAS SERVICE, IRT STATUS, IRT TYPE OF DEFICIENCY, and TYPE OF CATEGORY.

The MEDICAL CENTER DIVISION, MAS PARAMETERS, and PATIENT MOVEMENT files belong to the Registration package . These files contain fields belonging to the IRT package.

File List

FILE # FILE NAME GLOBAL

 FIELD NAME FIELD #

40.8 MEDICAL CENTER DIVISION ^DG(40.8,

 TRACK INCOMPLETE SUMMARIES? 100.01

 DEFAULT PRIMARY PHYSICIAN 100.02

 ARE REPORTS REVIEWED? 100.03

 DEFAULT REVIEWING PHYSICIAN 100.04

 TRACK OUTPATIENT OP REPORTS? 100.05

 DAYS FOR DICTATION 100.06

 DAYS FOR SIGNATURE 100.07

 DAYS FOR REVIEW 100.08

 INCOMPLETE SUMMARIES MESSAGE 100.09

 DEFAULT PHYS. FOR SIGNATURE 100.1

 STD. DEFIC. FOR SHORT FORMS? 100.2

 DEFAULT MEDICAL RECORD TYPE 100.3

43 MAS PARAMETERS ^DG(43,

 IRT BACKGROUND JOB LAST RUN 401

 IRT SHORT FROM LIST GROUP 513

393 INCOMPLETE RECORDS ^VAS(393,

393.1 MAS SERVICE ^DG(393.1,

393.2 IRT STATUS ^DG(393.2,

393.3 IRT TYPE OF DEFICIENCY ^VAS(393.3,

393.41 TYPE OF CATEGORY ^VAS(393.41,

405 PATIENT MOVEMENT ^DGPM(405,

Templates

1. VA FileMan Menu
2. Print File Entries Option
3. Output from what File: Print Template, Sort Template, Input Template, List Template
4. Sort by: Name
5. Start with name: DGJ to DGJZ
6. Within name, sort by: <RET>
7. First print field: Name

# Exported Options

The following are the steps you may take to obtain information about menus, exported protocols, exported options and exported list templates concerning the IRT package.

Menu Diagrams

1. Programmers Options
2. Menu Management
3. Display Menus and Options Menu
4. Diagram Menus
5. Select User or Option Name: O.DGJ IRT MENU

Exported Protocols

1. VA FileMan Menu
2. Print File Entries Option
3. Output from what File: PROTOCOL
4. Sort by: Name
5. Start with name: DGJ to DGJZ
6. Within name, sort by: <RET>
7. First print field: Name

Exported Options

1. VA FileMan Menu
2. Print File Entries Option
3. Output from what File: OPTION
4. Sort by: Name
5. Start with name: DGJ to DGJZ
6. Within name, sort by: <RET>
7. First print field: Name

Exported List Templates

1. VA FileMan Menu
2. Print File Entries Option
3. Output from what File: LIST TEMPLATES
4. Sort by: Name
5. Start with name: DGJ to DGJZ
6. Within name, sort by: <RET>
7. First print field: Name

# Archiving and Purging

There are no archiving and purging capabilities connected to the IRT package.

# External/Internal Relations

Minimums of VA FileMan V. 21.0, Kernel V. 8.0, and PIMS V. 5.3 are required to run this package.

DBIA AGREEMENTS

The following are the steps you may take to obtain the database integration agreements for the IRT package.

DBIA Agreements - Custodial Package

1. FORUM
2. DBA Menu
3. Integration Agreements Menu
4. Custodial Package Menu
5. Active by Custodial Package Option
6. Select Package Name: Incomplete Records Tracking

DBIA Agreements - Subscriber Package

1. FORUM
2. DBA Menu
3. Integration Agreements Menu
4. Subscriber Package Menu
5. Print Active by Subscriber Package Option
6. Start with subscriber package: Incomplete Records Tracking

# Package-Wide Variables

There are no package-wide variables associated with the IRT package.

VADPT Variables

See Appendix.

VAUTOMA

VAUTOMA is a routine which will do a one/many/all prompt - returning the chosen values in a subscripted variable specified by the calling programmer.

Input variables:

VAUTSTR string which describes what is to be entered.

VAUTNI defines if array is sorted alphabetically or numerically.

VAUTVB name of the subscripted variable to be returned.

VAUTNALL define this variable if you do not want the user to be given the

 ALL option.

Other variables as required by a call to ^DIC (see VA FileMan Programmers Manual).

Output variables:

As defined in VAUTVB

# How to Generate On-Line Documentation

This section describes some of the various methods by which users may secure IRT technical documentation. On-line technical documentation pertaining to the IRT software, in addition to that which is located in the help prompts and on the help screens which are found throughout the IRT package, may be generated through utilization of several KERNEL options. These include but are not limited to: XINDEX, Menu Management Inquire Option File, Print Option File, and FileMan List File Attributes.

Entering question marks at the "Select ... Option:" prompt may also provide users with valuable technical information. For example, a single question mark (?) lists all options which can be accessed from the current option. Entering two question marks (??) lists all options accessible from the current one, showing the formal name and lock for each. Three question marks (???) displays a brief description for each option in a menu while an option name preceded by a question mark (?OPTION) shows extended help, if available, for that option.

For a more exhaustive option listing and further information about other utilities which supply on-line technical information, please consult the **V***ist***A** Kernel Reference Manual.

XIndex

This option analyzes the structure of a routine(s) to determine in part if the routine(s) adheres to **V***ist***A** Programming Standards. The XINDEX output may include the following components: compiled list of errors and warnings, routine listing, local variables, global variables, naked globals, label references, and external references. By running XINDEX for a specified set of routines, the user is afforded the opportunity to discover any deviations from **V***ist***A** Programming Standards which exist in the selected routine(s) and to see how routines interact with one another, that is, which routines call or are called by other routines.

To run XINDEX for the IRT package, specify the following namespaces at the "routine(s) ?>" prompt: DGJ\*.

IRT initialization routines which reside in the UCI in which XINDEX is being run, compiled template routines, and local routines found within the IRT namespace should be omitted at the "routine(s) ?>" prompt. To omit routines from selection, preface the namespace with a minus sign (-).

List File Attributes

This FileMan option allows the user to generate documentation pertaining to files and file structure. Utilization of this option via the "Standard" format will yield the following data dictionary information for a specified file(s): file name and description, identifiers, cross-references, files pointed to by the file specified, files which point to the file specified, input templates, print templates, and sort templates. In addition, the following applicable data is supplied for each field in the file: field name, number, title, global location, description, help prompt, cross-reference(s), input transform, date last edited, and notes.

Using the "Global Map" format of this option generates an output which lists all cross-references for the file selected, global location of each field in the file, input templates, print templates, and sort templates.

# Security

Security Keys

The following are the steps you may take to obtain information about the security keys contained in the IRT package.

1. VA FileMan Menu
2. Print File Entries Option
3. Output from what File: SECURITY KEY
4. Sort by: Name
5. Start with name: DGJ to DGJZ
6. Within name, sort by: <RET>
7. First print field: Name
8. Then print field: Description

FileMan Access Codes

Below is a list of recommended FileMan Access Codes associated with each file contained in the IRT package. This list may be used to assist in assigning users appropriate FileMan Access Codes.

FILE FILE DD RD WR DEL LAYGO

NUMBER NAME ACCESS ACCESS ACCESS ACCESS ACCESS

40.8\*\* MEDICAL CENTER DIVISION @ d @ @ D

43\*\* MAS PARAMETERS @ d D @ @

393 INCOMPLETE RECORDS @ d D D D

393.1 MAS SERVICE @ d @ @ @

393.2 IRT STATUS @ d @ @ @

393.3 IRT TYPE OF DEFICIENCY @ d @ @ @

393.41 TYPE OF CATEGORY @ d @ @ @

405\*\* PATIENT MOVEMENT @ d @ @ @

\*\* Files owned by the Registration package contain fields belonging to the IRT package.

# Glossary

ADT Admission, Discharge, and Transfer

IRT Incomplete Records Tracking

KIDS Kernel Installation and Distribution System

PIMS Patient Information Management System

PTF Patient Treatment File

SACC Standards and Conventions Committee

PTF Patient Treatment File

VISTA Veterans Health Information Systems and Technology Architecture

# Appendix – VADPT Variables

**I. OVERVIEW**

**VADPT** is a utility routine designed to provide a central point where a programmer can obtain information concerning a patient's record. Supported entry points are

provided which will return demographics, inpatient status, eligibility information, etc.

Access to patient information is not limited to using the supported entry points in VADPT. Integration agreements can be established through the DBA between PIMS and other packages to reference information. Additionally, several data elements are supported without an integration agreement.

**II. SUPPORTED REFERENCES**

The following references to patient information (PATIENT file #2) are supported **without** an integration agreement. All nationally distributed cross-references on these fields are also supported.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field #** | **Global Location** | **Type of Access** |
| NAME  | (#.01) | 0;1 | Read |
| SEX  | (#.02) | 0;2 | Read |
| DATE OF BIRTH  | (#.03) | 0;3 | Read |
| AGE  | (#.033) | N/A | Read |
| MARITAL STATUS  | (#.05) | 0;5 | Read |
| RACE  | (#.06) | 0;6 | Read |
| OCCUPATION  | (#.07) | 0;7 | Read |
| RELIGIOUS PREFERENCE  | (#.08) | 0;8 | Read |
| DUPLICATE STATUS  | (#.081) | 0;18 |  |
| PATIENT MERGED TO  | (#.082) | 0;19 |  |
| CHECK FOR DUPLICATE  | (#.083) | 0;20 |  |
| SOCIAL SECURITY NUMBER  | (#.09) | 0;9 | Read |
| REMARKS  | (#.091) | 0;10 | Read |
| PLACE OF BIRTH [CITY]  | (#.092) | 0;11 | Read |
| PLACE OF BIRTH [STATE]  | (#.093) | 0;12 | Read |
| WHO ENTERED PATIENT  | (#.096) | 0;15 | Read |
| DATE ENTERED INTO FILE  | (#.097) | 0;16 | Read |
| WARD LOCATION  | (#.1) | .1;1 | Read |
| ROOM-BED  | (#.101) | .101;1 | Read |
| CURRENT MOVEMENT  | (#.102) | .102;1 | Read |
| TREATING SPECIALTY  | (#.103) | .103;1 | Read |
| PROVIDER  | (#.104) | .104;1 | Read |
| ATTENDING PHYSICIAN  | (#.1041) | .1041;1 | Read |
| CURRENT ADMISSION  | (#.105) | .105;1 | Read |
| LAST DMMS EPISODE NUMBER  | (#.106) | .106;1 | Read |
| LODGER WARD LOCATION  | (#.107) | .107;1 | Read |
| CURRENT ROOM  | (#.108) | .108;1 | Read |
| CURRENT MEANS TEST STATUS  | (#.14) | 0;14 | Read |
| DATE OF DEATH  | (#.351) | .35;1 | Read |
| DEATH ENTERED BY  | (#.352) | .35;2 | Read |
| PRIMARY LONG ID  | (#.363) | .36;3 |  |
| PRIMARY SHORT ID  | (#.364) | .36;4 |  |
| CURRENT PC PRACTITIONER | (#404.01) | PC;1 | Read |
| CURRENT PC TEAM | (#404.02) | PC;2 | Read |
| LAST MEANS TEST  | (#999.2) | N/A | Read |

**III. CALLABLE ENTRY POINTS IN VADPT**

1. **DEM^VADPT**

This entry point returns demographic information for a patient.

Input: DFN This required variable is the internal

 entry number in the PATIENT file.

VAPTYP This optional variable can be set to the

internal number of a patient eligibility. The variable can be used to indicate the patient's type such as VA, DOD, or IHS through the eligibility. If this variable is not defined or the eligibility does not exist, the VA patient IDs will be returned.

VAHOW This optional variable can be set to a

requested format for the output array. If this variable is not defined or does not contain one of the following values, the output array will be returned with numeric subscripts.

 1 -- return the output array with alpha subscripts - see alpha subscripts section (e.g., VADM(1) would be VADM("NM"))

 2 -- return the output in the ^UTILITY global with numeric subscripts

 (e.g., ^UTILITY("VADM",$J,1))

 12 -- return the output in the ^UTILITY global with alpha subscripts

 (e.g., ^UTILITY("VADM",$J,"NM"))

VAROOT This optional variable can be set to a

local variable or global name in which to return the output.

(e.g., VAROOT="DGDEM")

Output: VADM(1) The NAME of the patient.

(e.g., IRTPATIENT,ONE)

VADM(2) The SOCIAL SECURITY NUMBER of

the patient in internal^external format.

(e.g., 000456789^000-45-6789)

VADM(3) The DATE OF BIRTH of the patient

in internal^external format.

(e.g., 2551025^OCT 25,1955)

VADM(4) The AGE of the patient as of today,

unless a date of death exists, in which case the age returned will be as of that date.(e.g., 36)

VADM(5) The SEX of the patient in internal

^external format.(e.g., M^MALE)

VADM(6) The DATE OF DEATH of the patient,

should one exist, in internal^external format.

(e.g., 2881101.08^NOV 1,1988@08:00)

VADM(7) Any REMARKS concerning this

patient which may be on file.

(e.g., Need to obtain dependent info.)

VADM(8) The RACE of the patient in internal

^external format.

(e.g., 1^WHITE,NON-HISPANIC)

VADM(9) The RELIGION of the patient in

internal^external format.

(e.g., 99^CATHOLIC)

VADM(10) The MARITAL STATUS of the patient

in internal^external format.

(e.g., 1^MARRIED)

VA("PID") The PRIMARY LONG ID for a patient.

The format of this variable will depend on the type of patient if VAPTYP is set. (e.g., 000-45-6789)

VA("BID") The PRIMARY SHORT ID for a

patient. The format of this variable will depend on the type of patient if VAPTYP is set. (e.g., 6789)

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

2. **ELIG^VADPT**

This entry point returns eligibility information for a patient.

Input: DFN This required variable is the internal

entry number in the PATIENT file.

VAHOW This optional variable can be set to a

requested format for the output array. If this variable is not defined or does not contain one of the following values, the output array will be returned with numeric subscripts.

 1 -- return the output array with alpha subscripts - see alpha subscripts section (e.g., VAEL(1) would be VAEL("EL"))

 2 -- return the output in the ^UTILITY global with numeric subscripts

 (e.g., ^UTILITY("VAEL",$J,1))

 12 -- return the output in the ^UTILITY global with alpha subscripts

 (e.g., ^UTILITY("VAEL",$J,"EL"))

VAROOT This optional variable can be set to a

local variable or global name in which to return the output.

(e.g., VAROOT="DGELG")

Output: VAEL(1) The PRIMARY ELIGIBILITY CODE

of the patient in internal^external format.

(e.g., 1^SERVICE CONNECTED 50-100%)

VAEL(1,#) An array of other PATIENT ELIGI-

BILITIES to which the patient is entitled to care, in internal^external format. The # sign represents the internal entry number of the eligibility in the ELIGIBILITY CODE file. (e.g., 13^PRISONER OF WAR)

VAEL(2) The PERIOD OF SERVICE of the

patient in internal^external format.

(e.g., 19^WORLD WAR I)

VAEL(3) If the SERVICE CONNECTED? field

is YES, a "1" will be returned in the first piece; otherwise, a "0" will be returned. If service connected, the SERVICE CONNECTED PERCENTAGE field will be returned in the second piece. (e.g., 1^70)

VAEL(4) If the VETERAN (Y/N)? field is YES, a

"1" will be returned; otherwise, a "0" will be returned. (e.g., 1)

VAEL(5) If an INELIGIBLE DATE exists, a "0"

will be returned indicating the patient is ineligible; otherwise, a "1" will be returned. (e.g., 0)

VAEL(5,1) If ineligible, the INELIGIBLE DATE

of the patient in internal^external format. (e.g., 2880101^JAN 1,1988)

VAEL(5,2) If ineligible, the INELIGIBLE TWX

SOURCE in internal^external format.

(e.g., 2^REGIONAL OFFICE)

VAEL(5,3) If ineligible, the INELIGIBLE TWX

CITY. (e.g., ALBANY)

VAEL(5,4) If ineligible, the INELIGIBLE TWX

STATE from which the ineligible notification was received in internal^external format.

(e.g., 36^NEW YORK)

VAEL(5,5) If ineligible, the INELIGIBLE VARO

DECISION.

(e.g., UNABLE TO VERIFY)

VAEL(5,6) If ineligible, the INELIGIBLE

REASON. (e.g., NO DD214)

VAEL(6) The TYPE of patient in internal

^external format.

(e.g., 1^SC VETERAN)

VAEL(7) The CLAIM NUMBER of the patient.

(e.g., 000456789)

VAEL(8) The current ELIGIBILITY STATUS of

the patient in internal^external format. (e.g., V^VERIFIED)

VAEL(9) The CURRENT MEANS TEST

STATUS of the patient CODE^

NAME. (e.g., A^CATEGORY A)

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

3. **MB^VADPT**

This entry point returns monetary benefit information for a patient.

Input: DFN This required variable is the internal

entry number in the PATIENT file.

VAHOW This optional variable can be set to a

requested format for the output array. If this variable is not defined or does not contain one of the following values, the output array will be returned with numeric subscripts.

 1 -- return the output array with alpha subscripts - see alpha subscripts section (e.g., VAMB(1) would be VAMB("AA"))

 2 -- return the output in the ^UTILITY global with numeric subscripts

 (e.g., ^UTILITY("VAMB",$J,1))

 12 -- return the output in the ^UTILITY global with alpha subscripts

 (e.g., ^UTILITY("VAMB",$J,"AA"))

VAROOT This optional variable can be set to a

local variable or global name in which to return the output.

(e.g., VAROOT="DGMB")

 Output: VAMB(1) If the RECEIVING A&A BENEFITS?

field is YES, a "1" will be returned in the first piece; otherwise, a "0" will be returned. If receiving A&A benefits, the TOTAL ANNUAL VA CHECK AMOUNT will be returned in the second piece. (e.g., 1^1000)

VAMB(2) If the RECEIVING HOUSEBOUND

BENEFITS? field is YES, a "1" will be returned in the first piece; otherwise, a "0" will be returned. If receiving housebound benefits, the TOTAL ANNUAL VA CHECK AMOUNT will be returned in the second piece.

(e.g., 1^0)

VAMB(3) If the RECEIVING SOCIAL

SECURITY field is YES, a "1" will be returned in the first piece; otherwise, a "0" will be returned. If receiving social security, the AMOUNT OF SOCIAL SECURITY will be returned in the second piece. (e.g., 0)

VAMB(4) If the RECEIVING A VA PENSION?

field is YES, a "1" will be returned in the first piece; otherwise, a "0" will be returned. If receiving a VA pension, the TOTAL ANNUAL VA CHECK AMOUNT will be returned in the second piece. (e.g., 1^563.23)

VAMB(5) If the RECEIVING MILITARY

RETIREMENT? field is YES, a "1" will be returned in the first piece; otherwise, a "0" will be returned. If receiving military retirement, the AMOUNT OF MILITARY RETIRE-MENT will be returned in the second piece. (e.g., 0)

VAMB(6) The RECEIVING SUP. SECURITY

(SSI) field is being eliminated. Since v5.2, a "0" is returned for this variable.

VAMB(7) If the RECEIVING VA DISABILITY?

field is YES, a "1" will be returned in the first piece; otherwise, a "0" will be returned. If receiving VA disability, the TOTAL ANNUAL VA CHECK AMOUNT will be returned in the second piece. (e.g., 0)

VAMB(8) If the TYPE OF OTHER RETIRE-

MENT field is filled in, a "1" will be returned in the first piece; otherwise, a "0" will be returned. If receiving other retirement, the AMOUNT OF OTHER RETIREMENT will be returned in the second piece.

(e.g., 1^2500.12)

VAMB(9) If the GI INSURANCE POLICY? field

is YES, a "1" will be returned in the first piece; otherwise, a "0" will be returned. If receiving GI insurance, the AMOUNT OF GI INSURANCE will be returned in the second piece.

(e.g., 1^100000)

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

4. **SVC^VADPT**

This entry point returns service information for a patient.

Input: DFN This required variable is the internal

entry number in the PATIENT file.

VAHOW This optional variable can be set to a

requested format for the output array. If this variable is not defined or does not contain one of the following values, the output array will be returned with numeric subscripts.

 1 -- return the output array with alpha subscripts - see alpha subscripts section (e.g., VASV(1) would be VASV("VN"))

 2 -- return the output in the ^UTILITY global with numeric subscripts

 (e.g., ^UTILITY("VASV",$J,1))

 12 -- return the output in the ^UTILITY global with alpha subscripts

 (e.g., ^UTILITY("VASV",$J,"VN"))

VAROOT This optional variable can be set to a

local variable or global name in which to return the output.

(e.g., VAROOT="DGSVC")

 Output: VASV(1) If the VIETNAM SERVICE

INDICATED field is YES, a "1" will be returned; otherwise a "0" will be returned. (e.g., 0)

VASV(1,1) If Vietnam Service, the VIETNAM

FROM DATE in internal^external format.

(e.g., 2680110^JAN 10,1968)

VASV(1,2) If Vietnam Service, the VIETNAM TO

DATE in internal^external format.

(e.g., 2690315^MAR 15,1969)

VASV(2) If the AGENT ORANGE EXPOS.

INDICATED field is YES, a "1" will be returned; otherwise a "0" will be returned. (e.g., 0)

VASV(2,1) If Agent Orange exposure, the AGENT

ORANGE REGISTRATION DATE in internal^external format.

(e.g., 2870513^MAY 13,1987)

VASV(2,2) If Agent Orange exposure, the AGENT

ORANGE EXAMINATION DATE in internal^external format.

(e.g., 2871101^NOV 1,1987)

VASV(2,3) If Agent Orange exposure, AGENT

ORANGE REPORTED TO C.O. date in internal^external format.

(e.g., 2871225^DEC 25,1987)

VASV(2,4) If Agent Orange exposure, AGENT

ORANGE REGISTRATION #.

(e.g., 123456)

VASV(2,5) If Agent Orange exposure, the AGENT

ORANGE EXPOSURE LOCATION in

internal^external format

(e.g., V^VIETNAM)

VASV(3) If the RADIATION EXPOSURE

INDICATED field is YES, a "1" will be returned; otherwise a "0" will be returned (e.g., 0)

VASV(3,1) If Radiation Exposure, RADIATION

REGISTRATION DATE in internal^external format.

(e.g., 2800202^FEB 02,1980)

VASV(3,2) If Radiation Exposure, RADIATION

EXPOSURE METHOD in internal^external format.

(e.g., T^NUCLEAR TESTING)

VASV(4) If the POW STATUS INDICATED

field is YES, a "1" will be returned; otherwise a "0" will be returned.

(e.g., 0)

VASV(4,1) If POW status, POW FROM DATE in

internal^external format.

(e.g., 2450319^MAR 19,1945)

VASV(4,2) If POW status, POW TO DATE in

internal^external format.

(e.g., 2470101^JAN 1,1947)

VASV(4,3) If POW status, POW CONFINEMENT

LOCATION in internal^external format.

(e.g., 2^WORLD WAR II - EUROPE)

VASV(5) If the COMBAT SERVICE

INDICATED field is YES, a "1" will be returned; otherwise a "0" will be returned. (e.g., 0)

VASV(5,1) If combat service, COMBAT FROM

DATE in internal^external format.

(e.g., 2430101^JAN 1,1943)

VASV(5,2) If combat service, COMBAT TO DATE

in internal^external format.

(e.g., 2470101^JAN 1,1947)

VASV(5,3) If combat service, COMBAT SERVICE

LOCATION in internal^external format.

(e.g., 2^WORLD WAR II - EUROPE)

VASV(6) If a SERVICE BRANCH [LAST] field

is indicated, a "1" will be returned in the first piece; otherwise a "0" will be returned. (e.g., 0)

VASV(6,1) If service branch, BRANCH OF

SERVICE field in internal^external format. (e.g., 3^AIR FORCE)

VASV(6,2) If service branch, SERVICE NUMBER

field in internal^external format.

(e.g., 000456789)

VASV(6,3) If service branch, SERVICE

DISCHARGE TYPE in internal^external format.

(e.g., 1^HONORABLE)

VASV(6,4) If service branch, SERVICE ENTRY

DATE in internal^external format.

(e.g., 2440609^JUN 9,1944)

VASV(6,5) If service branch, SERVICE

SEPARATION DATE in internal^external format.

(e.g., 2480101^JAN 1,1948)

VASV(7) If a SERVICE SECOND EPISODE

field is indicated, a "1" will be returned; otherwise a "0" will be returned. (e.g., 0)

VASV(7,1) If second episode, BRANCH OF

SERVICE field in internal^external format. (e.g., 3^AIR FORCE)

VASV(7,2) If second episode, SERVICE

NUMBER field in internal^external format. (e.g., 000456789)

VASV(7,3) If second episode, SERVICE

DISCHARGE TYPE in internal^external format.

(e.g., 1^HONORABLE)

VASV(7,4) If second episode, SERVICE ENTRY

DATE in internal^external format.

(e.g., 2440609^JUN 9,1944)

VASV(7,5) If second episode, SERVICE

SEPARATION DATE in internal^external format.

(e.g., 2480101^JAN 1,1948)

VASV(8) If a SERVICE THIRD EPISODE field

is indicated, a "1" will be returned; otherwise a "0" will be returned. (e.g., 0)

VASV(8,1) If third episode, BRANCH OF

SERVICE field in internal^external format. (e.g., 3^AIR FORCE)

VASV(8,2) If third episode, SERVICE NUMBER

field in internal^external format.

(e.g., 000456789)

VASV(8,3) If third episode, SERVICE DIS-

CHARGE TYPE in internal^external

format. (e.g., 1^HONORABLE)

VASV(8,4) If third episode, SERVICE ENTRY

DATE in internal^external format.

(e.g., 2440609^JUN 9,1944)

VASV(8,5) If third episode, SERVICE

SEPARATION DATE in

internal^external format.

(e.g., 2480101^JAN 1,1948)

VASV(9) If the CURRENT PH INDICATOR

field is YES, a “1” will be returned;

otherwise a “0” will be returned (e.g., 0)

VASV(9,1) If the CURRENT PH INDICATOR

field is YES, CURRENT PURPLE

HEART STATUS in internal^external

format.(e.g., 2^IN PROCESS)

VASV(9,2) If the CURRENT PH INDICATOR

field is NO, CURRENT PURPLE

HEART REMARKS in internal^

external format. (e.g., 5^VAMC)

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

5. **ADD^VADPT**

This entry point returns address data for a patient. If a temporary address is in effect, the data returned will be that pertaining to that temporary address; otherwise, the permanent patient address information will be returned.

Input: DFN This required variable is the internal

entry number in the PATIENT file.

VAHOW This optional variable can be set to a

requested format for the output array. If this variable is not defined or does not contain one of the following values, the output array will be returned with numeric subscripts.

 1 -- return the output array with alpha subscripts - see alpha subscripts section (e.g., VAPA(1) would be VAPA("L1"))

 2 -- return the output in the ^UTIL-

ITY global with numeric subscripts

(e.g., ^UTILITY(“VAPA”, $J,1))

12 -- return the output in the

^UTILITY global with alpha subscripts

(e.g., ^UTILITY("VAPA",$J,"L1"))

VAROOT This optional variable can be set to a

local variable or global name in which to return the output.

(e.g., VAROOT="DGADD")

VAPA("P") This optional variable can be set to

force the return of the patient's permanent address. The permanent address array will be returned regardless of whether or not a temporary address is in effect.

(e.g., VAPA("P")="")

VATEST("ADD",9) This optional variable can be defined

to a beginning date in VA File-Manager format. If the entire range specified is not within the effective time window of the temporary address start and stop dates, the patient's regular address is returned. (e.g., VATEST("ADD",9)=2920101)

VATEST("ADD",10) This optional variable can be defined

to a ending date in VA FileManager format. If the entire range specified is not within the effective time window of the temporary address start and stop dates, the patient's regular address is returned.

(e.g., VATEST("ADD",10)=2920301)

Output: VAPA(1) The first line of the STREET ADDRESS.

(e.g., 123 South Main Street)

VAPA(2) The second line of the STREET

ADDRESS. (e.g., Apartment #1245.)

VAPA(3) The third line of the STREET

ADDRESS. (e.g., P.O. Box 1234)

VAPA(4) The CITY corresponding to the street

address previously indicated.

(e.g., ALBANY)

VAPA(5) The STATE corresponding to the city

previously indicated in internal^

external format.

(e.g., 6^CALIFORNIA)

VAPA(6) The ZIP CODE of the city previously

indicated. (e.g., 12345)

VAPA(7) The COUNTY in which the patient is

residing in internal^external format.

(e.g., 1^ALAMEDA)

VAPA(8) The PHONE NUMBER of the location

in which the patient is currently residing. (e.g., (123) 555-7890)

VAPA(9) If the address information provided

pertains to a temporary address, the TEMPORARY ADDRESS START DATE in internal^external format.

(e.g., 2880515^MAY 15,1988)

VAPA(10) If the address information provided

pertains to a temporary address, the TEMPORARY ADDRESS END DATE in internal^external format.

(e.g., 2880515^MAY 15,1988)

VAPA(11) The ZIP+4 (5 or 9 digit zip code) of the

city previously indicated in internal^external format.

(e.g., 123454444^12345-4444)

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

6. **OAD^VADPT**

This entry point returns other specific address information.

 Input: DFN This required variable is the internal

entry number in the PATIENT file.

VAHOW This optional variable can be set to a

requested format for the output array. If this variable is not defined or does not contain one of the following values, the output array will be returned with numeric subscripts.

 1 -- return the output array with alpha subscripts - see alpha subscripts section (e.g., VAOA(1) would be VAOA("L1"))

 2 -- return the output in the ^UTILITY global with numeric subscripts

 (e.g., ^UTILITY("VAOA",$J,1))

 12 -- return the output in the ^UTILITY global with alpha subscripts

 (e.g., ^UTILITY("VAOA,$J,"L1")

VAROOT This optional variable can be set to a

local variable or global name in which to return the output.

(e.g., VAROOT="DGOA")

VAOA("A") This optional variable may be passed

to indicate which specific address the programmer wants returned. If it is not defined, the PRIMARY NEXT-OF-KIN will be returned. Otherwise, the following will be returned based on information desired.

VAOA("A")=1 primary emergency

 contact

VAOA("A")=2 designee for personal

 effects

VAOA("A")=3 secondary next-of-kin

VAOA("A")=4 secondary emergency

 contact

VAOA("A")=5 patient employer

VAOA("A")=6 spouse's employer

Output: VAOA(1) The first line of the STREET

ADDRESS.

(e.g., 123 South First Street)

VAOA(2) The second line of the STREET

ADDRESS. (e.g., Apartment 9D)

VAOA(3) The third line of the STREET

ADDRESS. (e.g., P.O. Box 1234)

VAOA(4) The CITY in which the contact/

employer resides.

(e.g., NEWINGTON)

VAOA(5) The STATE in which the contact/

employer resides in internal^external format. (e.g., 6^CALIFORNIA)

VAOA(6) The ZIP CODE of the location in

which the contact/employer resides.

(e.g., 12345)

VAOA(7) The COUNTY in which the contact/

employer resides in internal^external format. (e.g., 1^ALAMEDA)

VAOA(8) The PHONE NUMBER of the

contact/employer.

(e.g., (415) 555-1234)

VAOA(9) The NAME of the contact or, in case

of employment, the employer to whom this address information applies.

(e.g., IRTEMPLOYER,ONE)

VAOA(10) The RELATIONSHIP of the contact (if

applicable) to the patient; otherwise, null. (e.g., FATHER)

VAOA(11) The ZIP+4 (5 or 9 digit zip code) of the

location in which the contact/employer resides in internal^external format.

(e.g., 123454444^12345-4444)

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

7. **INP^VADPT**

This entry point will return data related to an inpatient episode.

 Input: DFN This required variable is the internal

entry number in the PATIENT file.

VAHOW This optional variable can be set to a

requested format for the output array. If this variable is not defined or does not contain one of the following values, the output array will be returned with numeric subscripts.

 1 -- return the output array with alpha subscripts - see alpha subscripts section (e.g., VAIN(1) would be VAIN("AN"))

 2 -- return the output in the ^UTILITY global with numeric subscripts

 (e.g., ^UTILITY("VAIN",$J,1))

 12 -- return the output in the ^UTILITY global with alpha subscripts

 (e.g., ^UTILITY("VAIN,$J,"AN")

VAROOT This optional variable can be set to a

local variable or global name in which to return the output.

(e.g., VAROOT="DGIN")

VAINDT This optional variable may be set to a

past date/time for which the programmer wishes to know the patient's inpatient status. This must be passed as an internal VA FileManager date/time format. If time is not passed, it will assume anytime during that day. If this variable is not defined, it will assume now as the date/time. (e.g., 2880101.08)

Output: VAIN(1) The INTERNAL NUMBER [IFN] of

the admission if one was found for the date/time requested. If no inpatient episode was found for the date/time passed, then all variables in the VAIN array will be returned as null.

(e.g., 123044)

VAIN(2) The PRIMARY CARE PHYSICIAN

[PROVIDER] assigned to the patient at the date/time requested in internal^external format.

(e.g., 3^IRTPHYSICIAN,ONE)

VAIN(3) The TREATING SPECIALTY

assigned to the patient at the date/time requested in internal^external format.

(e.g., 19^GERIATRICS)

VAIN(4) The WARD LOCATION to which the

patient was assigned at the date/time requested in internal^external format.

(e.g., 27^IBSICU)

VAIN(5) The ROOM-BED to which the patient

was assigned at the date/time requested in external format.

(e.g., 123-B)

VAIN(6) This will return a "1" in the first piece

if the patient is in a bed status; otherwise, a "0" will be returned. A non-bed status is made based on the last transfer type to a non-bed status, (i.e., authorized absence, unauthorized absence, etc.) The second piece will contain the name of the last transfer type should one exist.

(e.g., 1^FROM AUTHORIZED ABSENCE)

VAIN(7) The ADMISSION DATE/TIME for the

patient in internal^external format.

(e.g., 2870213.0915^FEB 13,1987@

09:15)

VAIN(8) The ADMISSION TYPE for the

patient in internal^external format.

(e.g., 3^DIRECT)

VAIN(9) The ADMITTING DIAGNOSIS for the

patient. (e.g., PSYCHOSIS)

VAIN(10) The internal entry number of the PTF

record corresponding to this admission. (e.g., 2032)

VAIN(11) The ATTENDING PHYSICIAN in

internal^external format.

(e.g., 25^IRTPHYSICIAN,TEN)

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

8. **IN5^VADPT**

This entry point will return data related to an inpatient episode.

 Input: DFN This required variable is the internal

entry number in the PATIENT file.

VAHOW This optional variable can be set to a

requested format for the output array. If this variable is not defined or does not contain one of the following values, the output array will be returned with numeric subscripts.

 1 -- return the output array with alpha subscripts - see alpha subscripts section (e.g., VAIP(1) would be VAIP("MN"))

 2 -- return the output in the ^UTILITY

global with numeric subscripts

(e.g., ^UTILITY("VAIP",$J,1))

 12 -- return the output in the ^UTILITY global with alpha subscripts

 (e.g., ^UTILITY("VAIP",$J,"MN")

VAROOT This optional variable can be set to a

local variable or global name in which to return the output.

(e.g., VAROOT="DGI5")

VAIP("D") This optional variable can be defined

as follows.

VAIP("D")=VA FileManager date in internal format.

If the patient was an inpatient at the date/time passed, movement data pertaining to that date/time will be returned.

VAIP("D")="LAST"

Movement data pertaining to the last movement on file, regardless if patient is a current inpatient.

VAIP("D")=valid date without time

Will return movement data if patient was an inpatient at any time during the day on the date that was passed in.

VAIP("D") - not passed

Will return movement data if the patient was in inpatient based on "now".

VAIP("L") This optional variable, when passed,

will include lodgers movements in the data. (e.g., VAIP("L")="")

VAIP("V") Can be defined as the variable used

instead of VAIP(.

(e.g., VAIP("V")="SD")

VAIP("E") This optional variable is defined as

the internal file number of a specific movement. If this is defined, VAIP("D") is ignored.

(e.g., VAIP("E")=123445)

VAIP("M") This optional variable can be passed

as a "1" or a "0" (or null).

VAIP("M")=0 - The array returned will be based on the admission movement associated with the movement date/time passed.

VAIP("M")=1 - The array returned will be based on the last movement associated with the date/time passed.

 Output: VAIP(1) The INTERNAL FILE NUMBER

[IFN] of the movement found for the specified date/time. (e.g., 231009)

VAIP(2) The TRANSACTION TYPE of the

movement in internal^external format where:

 1=admission

 2=transfer

 3=discharge

 4=check-in lodger

 5=check-out lodger

 6=specialty transfer

(e.g., 3^DISCHARGE)

VAIP(3) The MOVEMENT DATE/TIME in

internal^external date format.

(e.g., 2880305.09^MAR 5,1988@09:00)

VAIP(4) The TYPE OF MOVEMENT in

internal^external format.

(e.g., 4^INTERWARD TRANSFER)

VAIP(5) The WARD LOCATION to which

patient was assigned with that movement in internal^external format. (e.g., 32^1B-SURG)

VAIP(6) The ROOM-BED to which the patient

was assigned with that movement in internal^external format.

(e.g., 88^201-01)

VAIP(7) The PRIMARY CARE PHYSICIAN

assigned to the patient in internal^

external format. (e.g., 3^IRTPHYSICIAN,ONE)

VAIP(8) The TREATING SPECIALTY

assigned with that movement in internal^external format.

(e.g., 98^OPTOMETRY)

VAIP(9) The DIAGNOSIS assigned with that

movement.

(e.g., UPPER GI BLEEDING)

VAIP(10) This will return a "1" in the first piece

if the patient is in a bed status; otherwise, a "0" will be returned. A non-bed status is made based on the last transfer type, if one exists, and a transfer to a non-bed status, (i.e., authorized absence, unauthorized absence, etc.) The second piece will contain the name of the last transfer type should one exist.

(e.g., 1^FROM AUTHORIZED ABSENCE)

VAIP(11) If patient is in an absence status on

the movement date/time, this will return the EXPECTED RETURN DATE from absence in internal^external format.

(e.g., 2880911^SEP 11,1988)

VAIP(12) The internal entry number of the PTF

record corresponding to this

admission. (e.g., 2032)

VAIP(13) The INTERNAL FILE NUMBER of

the admission associated with this movement. (e.g., 200312)

VAIP(13,1) The MOVEMENT DATE/TIME in

internal^external format.

(e.g., 2881116.08^NOV 16,1988@08:00)

VAIP(13,2) The TRANSACTION TYPE in

internal^external format.

(e.g., 1^ADMISSION)

VAIP(13,3) The MOVEMENT TYPE in

internal^external format.

(e.g., 15^DIRECT)

VAIP(13,4) The WARD LOCATION associated

with this patient with this movement in internal^external format.

(e.g., 5^7BSCI)

VAIP(13,5) The PRIMARY CARE PHYSICIAN

assigned to the patient for this movement in internal^external format. (e.g., 16^IRTPHYSICIAN,FOUR)

VAIP(13,6) The TREATING SPECIALTY for the

patient for this movement in internal^external format.

(e.g., 3^NEUROLOGY)

VAIP(14) The INTERNAL FILE NUMBER of

the last movement associated with this movement.

(e.g., 187612)

VAIP(14,1) The MOVEMENT DATE/TIME in

internal^external format.

(e.g., 2881116.08^NOV 16,1988@08:00)

VAIP(14,2) The TRANSACTION TYPE in

internal^external format.

(e.g., 2^TRANSFER)

VAIP(14,3) The MOVEMENT TYPE in internal^

external format.

(e.g., 4^INTERWARD TRANSFER)

VAIP(14,4) The WARD LOCATION associated

with this patient with this movement in internal^external format.

(e.g., 5^7BSCI)

VAIP(14,5) The PRIMARY CARE PHYSICIAN

assigned to the patient for this movement in internal^external format.

(e.g., 16^IRTPHYSICIAN,ONE)

VAIP(14,6) The TREATING SPECIALTY for the

patient for this movement in internal^external format.

(e.g., 3^NEUROLOGY)

VAIP(15) The INTERNAL FILE NUMBER of

the movement which occurred immediately prior to this one, if one exists. (e.g., 153201)

VAIP(15,1) The MOVEMENT DATE/TIME in

internal^external format.

(e.g., 2881116.08^NOV 16,1988@08:00)

VAIP(15,2) The TRANSACTION TYPE in

internal^external format.

(e.g., 2^TRANSFER)

VAIP(15,3) The MOVEMENT TYPE in internal^

external format.

(e.g., 4^INTERWARD TRANSFER)

VAIP(15,4) The WARD LOCATION associated

with this patient with this movement in internal^external format.

(e.g., 5^7BSCI)

VAIP(15,5) The PRIMARY CARE PHYSICIAN

assigned to the patient for this movement in internal^external format.

(e.g., 16^IRTPHYSICIAN,TEN)

VAIP(15,6) The TREATING SPECIALTY for the

patient for this movement in internal^external format.

(e.g., 3^NEUROLOGY)

VAIP(16) The INTERNAL FILE NUMBER of

the movement which occurred immediately following this one, if one exists. (e.g., 146609)

VAIP(16,1) The MOVEMENT DATE/TIME in

internal^external format.

(e.g., 2881116.08^NOV 16,1988@08:00)

VAIP(16,2) The TRANSACTION TYPE in

internal^external format.

(e.g., 2^TRANSFER)

VAIP(16,3) The MOVEMENT TYPE in internal^

external format.

(e.g., 4^INTERWARD TRANSFER)

VAIP(16,4) The WARD LOCATION associated

with this patient with this movement in internal^external format.

(e.g., 5^7BSCI)

VAIP(16,5) The PRIMARY CARE PHYSICIAN

assigned to the patient for this movement in internal^external format.

(e.g., 16^IRTPHYSICIAN,TEN)

VAIP(16,6) The TREATING SPECIALTY for the

patient for this movement in internal^external format.

(e.g., 3^NEUROLOGY)

VAIP(17) The INTERNAL FILE NUMBER of

the discharge associated with this movement. (e.g., 1902212)

VAIP(17,1) The MOVEMENT DATE/TIME in

internal^external format.

(e.g., 2881116.08^NOV 16,1988@08:00)

VAIP(17,2) The TRANSACTION TYPE in

internal^external format.

(e.g., 3^DISCHARGE)

VAIP(17,3) The MOVEMENT TYPE in internal^

external format.

(e.g., 16^REGULAR)

VAIP(17,4) The WARD LOCATION associated

with this patient for this movement in internal^external format.

(e.g., 5^7BSCI)

VAIP(17,5) The PRIMARY CARE PHYSICIAN

assigned to the patient for this movement in internal^external format.

(e.g., 16^IRTPHYSICIAN,ONE)

VAIP(17,6) The TREATING SPECIALTY for the

patient for this movement in internal^external format.

(e.g., 3^NEUROLOGY)

VAIP(18) The ATTENDING PHYSICIAN

assigned to the patient for this movement in internal^external format.

(e.g., 25^IRTPHYSICIAN,FOUR)

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

9. **OPD^VADPT**

Returns other pertinent patient data which is commonly used but not contained in any other calls to VADPT.

 Input: DFN This required variable is the internal

entry number in the PATIENT file.

VAHOW This optional variable can be set to a

requested format for the output array. If this variable is not defined or does not contain one of the following values, the output array will be returned with numeric subscripts.

1 -- return the output array with alpha subscripts - see alpha subscripts section (e.g., VAPD(1) would be VAPD("BC"))

 2 -- return the output in the ^UTILITY global with numeric subscripts

 (e.g., ^UTILITY("VAPD",$J,1))

 12 -- return the output in the ^UTILITY global with alpha subscripts

 (e.g., ^UTILITY("VAPD",$J,"BC")

VAROOT This optional variable can be set to a

local variable or global name in which to return the output.

(e.g., VAROOT="DGPD")

 Output: VAPD(1) The PLACE OF BIRTH [CITY].

(e.g., SAN FRANCISCO)

VAPD(2) The PLACE OF BIRTH [STATE] in

internal^external format.

(e.g., 6^CALIFORNIA)

VAPD(3) The FATHER'S NAME.

(e.g., IRTFATHER,ONE)

VAPD(4) The MOTHER'S NAME.

(e.g., MARY)

VAPD(5) The MOTHER'S MAIDEN NAME.

(e.g., IRTMOTHER,ONE)

VAPD(6) The patient's OCCUPATION.

(e.g., CARPENTER)

VAPD(7) The patient's EMPLOYMENT

STATUS in internal^external format.

(e.g., 4^SELF EMPLOYED)

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

10. **REG^VADPT**

Returns REGISTRATION/DISPOSITION data.

 Input: DFN This required variable is the internal

entry number in the PATIENT file.

VAROOT This optional variable can be set to a

local variable or global name in which to return the output.

(e.g., VAROOT="DGADD")

VARP("F") Can be defined as the "from" date for

which registrations are desired. This must be passed as a valid VA File-Manager date.

(e.g., VARP("F")=2930101)

VARP("T") Can be defined as the "to" date for

which registrations are desired. This must be passed as a valid VA File-Manager date. If neither VARP("F") nor VARP("T") are defined, all registrations will be returned.

(e.g., VARP("T")=2930530)

VARP("C") Can be defined as the number of

registrations you want returned in the array.

(e.g., VARP("C")=5 - will return 5 most recent)

Output: ^UTILITY("VARP",$J,#,"I") Internal format

^UTILITY("VARP",$J,#,"E") External format

Piece 1 Registration Date/Time

Piece 2 Status

Piece 3 Type of Benefit applied

 for

Piece 4 Facility Applying to

Piece 5 Who Registered

Piece 6 Log out (disposition)

 date/time

Piece 7 Disposition Type

Piece 8 Who Dispositioned

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

11. **SDE^VADPT**

Returns ACTIVE clinic enrollments for a patient.

 Input: DFN This required variable is the internal

entry number in the PATIENT file.

Output: ^UTILITY("VAEN",$J,#,"I") Internal format

^UTILITY("VAEN",$J,#,"E") External format

Piece 1 Clinic Enrolled in

Piece 2 Enrollment Date

Piece 3 OPT or AC

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

12. **SDA^VADPT**

Returns APPOINTMENT DATE/TIME data for a patient.

 Input: DFN This required variable is the internal

entry number in the PATIENT file.

VASD("T") Can be defined as the "to" date for

which registrations are desired. This must be passed as a valid VA File-Manager date. If neither VASD("F") nor VASD("T") are defined, all future appointments will be returned.

VASD("F") Can be defined as the "from" date for

which appointments are desired. This must be passed as a valid VA File-Manager date. If not defined, it is assumed only future appointments should be returned.

VASD("W") Can be passed as the specific STATUS

desired in the following format. If not passed, only those appointments which are still scheduled (or kept in the event of a past date) for both inpatients and outpatients will be returned.

If VASD("W")

Contains a These appts. are returned

 1 Active/Kept

 2 Inpatient appts. only

 3 No-shows

 4 No-shows, auto-rebook

 5 Cancelled by Clinic

 6 Cancelled by Clinic, auto

rebook

 7 Cancelled by Patient

 8 Cancelled by Patient,

 auto rebook

 9 No action taken

VASD("C",Clinic IFN)

Can be set up to contain only those internal file entries from the HOSPITAL LOCATION file for clinics which you would like to see appointments for this particular patient. You may define this array with just one clinic or with many. If you do not define this variable, it will be assumed that you want appointments for this patient in all clinics returned.

Output: ^UTILITY("VASD",$J,#,"I") Internal format

^UTILITY("VASD",$J,#,"E") External format

Piece 1 Date/Time of Appointment

Piece 2 Clinic

Piece 3 Status

Piece 4 Appointment Type

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

13. **PID^VADPT**

This call is used to obtain the patient identifier in long and brief format.

 Input: DFN This required variable is the internal

entry number in the PATIENT file.

VAPTYP This optional variable can be set to the

internal number of a patient eligibility. The variable can be used to indicate the patient's type such as VA, DOD, or IHS through the eligibility. If this variable is not defined or the eligibility does not exist, the VA patient IDs will be returned.

Output: VA("PID") The long patient identifier.

 (e.g., 111-22-3333P)

VA("BID") The short patient identifier.

(e.g., 3333P)

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

14. **PID^VADPT6**

This call returns the same variables as the call mentioned above, but will eliminate the unnecessary processing time required calling PID^VADPT.

15. **ADM^VADPT2**

This returns the internal file number of the admission movement. If VAINDT is not defined, this will use "NOW" for the date/time.

 Input: DFN This required variable is the internal

entry number in the PATIENT file.

VAINDT This optional variable may be set to a

past date/time for which the programmer wishes to know the patient's inpatient status. This must be passed as an internal VA FileManager date/time format.

(e.g., 2880101.08)

Output: VADMVT Returns the internal file number of

the admission movement.

VAERR The error flag will have one of the

following values.

 0 -- no errors encountered

 1 -- error encountered - DFN or

^DPT(DFN,0) is not defined

16. **KVAR^VADPT**

This call is used to remove all variables defined by the VADPT routine. The programmer should elect to utilize this call to remove the arrays which were returned by VADPT.

17. **KVA^VADPT**

This call is used as above and will also kill the VA("BID") and VA("PID") variables.

18. **COMBINATIONS**

The following calls may be made to return a combination of arrays with a single call.

 Input: DFN This required variable is the internal

entry number in the PATIENT file.

See specific call for other variable input

 Output:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | DEMOGRAPHIC | ELIGIBILITY | INPATIENT | INPATIENT | ADDRESS | SERVICE | MONETARY | REGISTRATION | ENROLLMENT | APPOINTMENT |
| CALL | VADM | VAEL | VAIN | VAIP | VAPA | VASV | VAMB | UTILITY("VARP" | UTILITY("VAEN" | UTILITY("VASD" |
| OERR | **X** |  | **X** |  |  |  |  |  |  |  |
| 1 | **X** |  | **X** |  |  |  |  |  |  |  |
| 2 | **X** | **X** |  |  |  |  |  |  |  |  |
| 3 |  | **X** | **X** |  |  |  |  |  |  |  |
| 4 | **X** |  |  |  | **X** |  |  |  |  |  |
| 5 |  |  | **X** |  | **X** |  |  |  |  |  |
| 6 | **X** | **X** |  |  | **X** |  |  |  |  |  |
| 7 |  | **X** |  |  |  | **X** |  |  |  |  |
| 8 |  | **X** |  |  |  | **X** | **X** |  |  |  |
| 9 | **X** |  |  |  |  |  |  | **X** | **X** | **X** |
| 10 |  |  |  |  |  |  |  |  | **X** | **X** |
| 51 | **X** |  |  | **X** |  |  |  |  |  |  |
| 52 |  | **X** |  | **X** |  |  |  |  |  |  |
| 53 |  |  |  | **X** | **X** |  |  |  |  |  |
| ALL | **X** | **X** | **X** |  | **X** | **X** | **X** | **X** | **X** | **X** |
| A5 | **X** | **X** |  | **X** | **X** | **X** | **X** | **X** | **X** | **X** |

**Alpha Subscripts**

|  |  |  |
| --- | --- | --- |
| **Call** | **Variable** | **Alpha Translation** |
| **DEM^VADPT** | VADM(1) | VADM("NM") |
|  | VADM(2) | VADM("SS") |
|  | VADM(3) | VADM("DB") |
|  | VADM(4) | VADM("AG") |
|  | VADM(5) | VADM("SX") |
|  | VADM(6) | VADM("EX") |
|  | VADM(7) | VADM("RE") |
|  | VADM(8) | VADM("RA") |
|  | VADM(9) | VADM("RP") |
|  | VADM(10) | VADM("MS") |

|  |  |  |
| --- | --- | --- |
| **ELIG^VADPT** | VAEL(1) | VAEL("EL") |
|  | VAEL(1,#) | VAEL("EL",#) |
|  | VAEL(2) | VAEL("PS") |
|  | VAEL(3) | VAEL("SC") |
|  | VAEL(4) | VAEL("VT") |
|  | VAEL(5) | VAEL("IN") |
|  | VAEL(5,#) | VAEL("IN",#) |
|  | VAEL(6) | VAEL("TY") |
|  | VAEL(7) | VAEL("CN") |
|  | VAEL(8) | VAEL("ES") |
|  | VAEL(9) | VAEL("MT") |

|  |  |  |
| --- | --- | --- |
| **MB^VADPT** | VAMB(1) | VAMB("AA") |
|  | VAMB(2) | VAMB("HB") |
|  | VAMB(3) | VAMB("SS") |
|  | VAMB(4) | VAMB("PE") |
|  | VAMB(5) | VAMB("MR") |
|  | VAMB(6) | VAMB("SI") |
|  | VAMB(7) | VAMB("DI") |
|  | VAMB(8) | VAMB("OR") |
|  | VAMB(9) | VAMB("GI") |

|  |  |  |
| --- | --- | --- |
| **Call** | **Variable** | **Alpha Translation** |
| **SVC^VADPT** | VASV(1) | VASV("VN") |
|  | VASV(1,#) | VASV("VN",#) |
|  | VASV(2) | VASV("AO") |
|  | VASV(2,#) | VASV("AO",#) |
|  | VASV(3) | VASV("IR") |
|  | VASV(3,#) | VASV("IR",#) |
|  | VASV(4) | VASV("PW") |
|  | VASV(4,#) | VASV("PW",#) |
|  | VASV(5) | VASV("CS") |
|  | VASV(5,#) | VASV("CS",#) |
|  | VASV(6) | VASV("S1") |
|  | VASV(6,#) | VASV("S1",#) |
|  | VASV(7) | VASV("S2") |
|  | VASV(7,#) | VASV("S2",#) |
|  | VASV(8) | VASV("S3") |
|  | VASV(8,#) | VASV("S3",#) |
|  | VASV(9) | VASV(“PH”) |
|  | VASV(9,#) | VASV(“PH”,#) |

|  |  |  |
| --- | --- | --- |
| **ADD^VADPT** | VAPA(1) | VAPA("L1") |
|  | VAPA(2) | VAPA("L2") |
|  | VAPA(3) | VAPA("L3") |
|  | VAPA(4) | VAPA("CI") |
|  | VAPA(5) | VAPA("ST") |
|  | VAPA(6) | VAPA("ZP") |
|  | VAPA(7) | VAPA("CO") |
|  | VAPA(8) | VAPA("PN") |
|  | VAPA(9) | VAPA("TS") |
|  | VAPA(10) | VAPA("TE") |
|  | VAPA(11) | VAPA("Z4") |

|  |  |  |
| --- | --- | --- |
| **Call** | **Variable** | **Alpha Translation** |
| **OAD^VADPT** | VAOA(1) | VAOA("L1") |
|  | VAOA(2) | VAOA("L2") |
|  | VAOA(3) | VAOA("L3") |
|  | VAOA(4) | VAOA("CI") |
|  | VAOA(5) | VAOA("ST") |
|  | VAOA(6) | VAOA("ZP") |
|  | VAOA(7) | VAOA("CO") |
|  | VAOA(8) | VAOA("PN") |
|  | VAOA(9) | VAOA("NM") |
|  | VAOA(10) | VAOA("RE") |
|  | VAOA(11) | VAOA("Z4") |

|  |  |  |
| --- | --- | --- |
| **INP^VADPT** | VAIN(1) | VAIN("AN") |
|  | VAIN(2) | VAIN("DR") |
|  | VAIN(3) | VAIN("TS") |
|  | VAIN(4) | VAIN("WL") |
|  | VAIN(5) | VAIN("RB") |
|  | VAIN(6) | VAIN("BS") |
|  | VAIN(7) | VAIN("AD") |
|  | VAIN(8) | VAIN("AT") |
|  | VAIN(9) | VAIN("AF") |
|  | VAIN(10) | VAIN("PT") |
|  | VAIN(11) | VAIN("AP") |

|  |  |  |
| --- | --- | --- |
| **Call** | **Variable** | **Alpha Translation** |
| **IN5^VADPT** | VAIP(1) | VAIP("MN") |
|  | VAIP(2) | VAIP("TT") |
|  | VAIP(3) | VAIP("MD") |
|  | VAIP(4) | VAIP("MT") |
|  | VAIP(5) | VAIP("WL") |
|  | VAIP(6) | VAIP("RB") |
|  | VAIP(7) | VAIP("DR") |
|  | VAIP(8) | VAIP("TS") |
|  | VAIP(9) | VAIP("MF") |
|  | VAIP(10) | VAIP("BS") |
|  | VAIP(11) | VAIP("RD") |
|  | VAIP(12) | VAIP("PT") |
|  | VAIP(13) | VAIP("AN") |
|  | VAIP(13,#) | VAIP("AN",#) |
|  | VAIP(14) | VAIP("LN") |
|  | VAIP(14,#) | VAIP("LN",#) |
|  | VAIP(15) | VAIP("PN") |
|  | VAIP(15,#) | VAIP("PT",#) |
|  | VAIP(16) | VAIP("NN") |
|  | VAIP(16,#) | VAIP("NN",#) |
|  | VAIP(17) | VAIP("DN") |
|  | VAIP(17,#) | VAIP("DN",#") |
|  | VAIP(18) | VAIP("AP") |

|  |  |  |
| --- | --- | --- |
| **OPD^VADPT** | VAPD(1) | VAPD("BC") |
|  | VAPD(2) | VAPD("BS") |
|  | VAPD(3) | VAPD("FN") |
|  | VAPD(4) | VAPD("MN") |
|  | VAPD(5) | VAPD("MM") |
|  | VAPD(6) | VAPD("OC") |
|  | VAPD(7) | VAPD("ES") |