



# **Incomplete Records Tracking (IRT)**

## **Technical Manual**

Version 1.0

April 2002

Department of Veterans Affairs  
**VISTA** Software Design & Development



# Table of Contents

<b>Introduction</b> .....	<b>1</b>
<b>Orientation</b> .....	<b>3</b>
<b>General Information</b> .....	<b>5</b>
Namespace and Conventions .....	5
Background Job Options.....	5
E-Mail Notifications .....	5
E-Mail Reports.....	5
Integrity Checker .....	5
SACC Exemptions/Non-Standard Code .....	5
<b>Implementation and Maintenance</b> .....	<b>7</b>
Set up IRT Parameters .....	7
ADT System Definition Menu Option: Bulletin Selection.....	9
<b>Routines</b> .....	<b>11</b>
Routine to Map .....	11
Callable Routines.....	11
Compiled Template Routines .....	11
Routine List.....	11
<b>Files</b> .....	<b>13</b>
Globals and Files.....	13
File List .....	13
Templates .....	14
<b>Exported Options</b> .....	<b>15</b>
Menu Diagrams.....	15
Exported Protocols.....	15
Exported Options .....	15
Exported List Templates .....	15
<b>Archiving and Purging</b> .....	<b>17</b>
<b>External/Internal Relations</b> .....	<b>19</b>
DBIA Agreements .....	19
<b>Package Wide-Variables</b> .....	<b>21</b>
VADPT Variables (See Appendix).....	21
VAUTOMA .....	21
<b>How to Generate On-Line Documentation</b> .....	<b>23</b>
<b>Security</b> .....	<b>25</b>
Security Keys .....	25
FileMan Access Codes.....	25
<b>Glossary</b> .....	<b>27</b>
<b>Appendix - VADPT Variables</b> .....	<b>29</b>
Overview.....	29
Supported References .....	30
Callable Entry Points in VADPT.....	31
Alpha Subscripts .....	67



# 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

<u>OPTION NAME</u>	<u>SUGGESTED RUN FREQUENCY</u>	<u>DEVICE REQUIRED</u>	<u>REMARKS</u>
DGJ IRT UPDATE (BACKGROUND)	Nightly	NO	Schedule in TaskMan

## E-Mail Notifications

<u>OPTION</u>	<u>SUBJECT</u>	<u>ROUTINE</u>
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

Enter 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.

<u>FILE #</u>	<u>TEMPLATE NAME</u>	<u>ROUTINES</u>
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

<u>FILE #</u>	<u>FILE NAME</u> <u>FIELD NAME</u>	<u>GLOBAL</u> <u>FIELD #</u>
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 **VISTA** Kernel Reference Manual.

## **XIndex**

This option analyzes the structure of a routine(s) to determine in part if the routine(s) adheres to **VISTA** 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 **VISTA** 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.

<u>FILE NUMBER</u>	<u>FILE NAME</u>	<u>DD ACCESS</u>	<u>RD ACCESS</u>	<u>WR ACCESS</u>	<u>DEL ACCESS</u>	<u>LAYGO ACCESS</u>
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 ELIGIBILITIES 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 RETIREMENT 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 DISCHARGE 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 ^UTILITY 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 an 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)



## 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")

<u>Contains a</u>	<u>These appts. are returned</u>
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





Call	Variable	Alpha Translation
------	----------	-------------------

<b>SVC^VADPT</b>		
	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",#)

<b>ADD^VADPT</b>		
	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
------	----------	-------------------

<b>OAD^VADPT</b>	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")

<b>INP^VADPT</b>	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	Variable	Alpha Translation
	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	Variable	Alpha Translation
	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")