**Department of Veterans Affairs (VA)**

**Office of Information & Technology (OIT)**

**Product Development and Office of Innovation**

**Family History (FH) Collection Tool in Computerized**

**Patient Record System (CPRS)**

**Installation & Setup Guide**

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**Version 1.1**



**415 North Lee Street, Alexandria, VA 2231**

**Revision History**

| **Date** | **Revision** | **Description** | **Project Manager / Author** |
| --- | --- | --- | --- |
| 1/16/2015 | 1.0 | Initial Version | Syed Gilani  ProSphere Tek, Inc.  Charleen Ray  K&R Consulting, Inc. |
| 05/14/15 | 1.1 | Updated | Charleen Ray  K&R Consulting, Inc. |
| 09/14/15 |  | Updated with KIDS install | Charleen Ray  K&R Consulting, Inc. |

**Table of Contents**

[1 Introduction 3](#_Toc409410312)

[1.1 Target audience 3](#_Toc409410313)

[1.2 Other sources of information 3](#_Toc409410314)

[1.3 Related documentation 3](#_Toc409410315)

[2 Installation 4](#_Toc409410316)

[2.1 Pre-requisite 4](#_Toc409410317)

[2.2 Pre-Installation Instructions 4](#_Toc409410318)

[2.3 Installation Instructions 4](#_Toc409410319)

[2.3.1 Post-Installation 5](#_Toc409410320)

[2.3.2 Post-Install Routine Summary 5](#_Toc409410321)

[2.1 Back Out Plan 6](#_Toc409410322)

[3 APPENDIX A 7](#_Toc409410323)

[4 APPENDIX B 7](#_Toc409410324)

[5 GLOSSARY 8](#_Toc409410325)

[Approval Signatures 9](#_Toc409410326)

# Introduction

The purpose of this project is to design and develop the Family History (FH) tool in order to make it easier for providers to share a patient’s Family History in an effort to provide early detection and prevention of heritable diseases.

This document is to provide patch installation instructions to the Clinical Application Coordinators and IT staff for the FH Collection Tool in CPRS patch **FAMHX\*1.0\*XX**.

## Target audience

The intended users of the software that has been developed and installed with the patch are the Primary Care/Outpatient clinicians at VHA facilities who routinely use CPRS. The FH Collection Tool in CPRS, KIDS Patch **FAMHX\*1.0\*XX** should be made available to all clinicians engaged in the care of Outpatients at VHA facilities.

Proficiency in CPRS is the only user requirement.

## Other sources of information

Other relevant information is also available related to genomics.

## Related documentation

The following manuals are available from the VistA Documentation Library (VDL) <http://www.va.gov/vdl>:

|  |  |
| --- | --- |
| **Documentation** | **Documentation file name** |
| Family History CPRS v1.0 Installation Guide | FH HX CPRS v1\_0 09152015 IG.docx |
| Family History CPRS v1.0 Technical Manual | FH HX CPRS v1\_0 09152015 tm.docx |
| Family History CPRS v1.0 User Manual | FH HX CPRS v1\_0 09152015 um.docx |
| Family History CPRS v1.0 Release Notes | FH HX CPRS v1\_0 09152015 rn.docx |

# Installation

## Pre-requisite

**FAMHX\*1.0\*XX** is a part of a multi build, with KIDS and CPRS .exe and CPRS V29 is a required install before this bundle.

## Pre-Installation Instructions

The first step prior to installation is to obtain the KIDS patch in host file format from one of the designated sites located in the XXX Innovations software directory.

The host file name for this patch is **FAMHX\*1.0\*XX**

## Installation Instructions

This patch may be installed with users on the system although it is recommended that it be installed during non-peak hours to minimize potential disruption to users. CPRS functionality may be limited during the initial installation process and it is recommended that CPRS users be notified which options may be out of service prior to installation. KIDS Installation time should be under 5 minutes.

The installation should be completed by a user with Programmer access.

**Install the patch first in a Training or Test account.**

1. First Select the KIDS Menu Option: **Kernel**

Kernel Installation and Distribution System Menu option [XPD MAIN]:

Edits and Distribution...

Utilities...

Installation...

2. Select the **Installation menu option**

Select Kernel Installation & Distribution System Option: **Installation < ENTER>**

Load a Distribution

Print Transport Global

Compare Transport Global to Current System

Verify Checksums in Transport Global

Install Package(s)

Restart Install of Package(s)

Unload a Distribution

Backup a Transport Global

3. Select the option **“Backup a Transport Global”** and save and send to your email.

4. Select Installation Option: **Load a Distribution**

5. Select the Installation Option: **Verify Checksums in Transport Global**

To verify the routines installed during this process the user should select a KIDS option called Verify Checksums in Transport Global. This option will allow you to ensure the integrity of the routines that are in the transport global.

If there are any discrepancies, do not run the Install Package(s) option. Instead, run the Unload a Distribution option to remove the Transport Global from your system. Retrieve the file again from the anonymous directory (in case there was corruption in Ftp’ing) and Load the Distribution again.

If the problem still exists, log a Remedy ticket and/or call the national Help Desk (1-888-596-HELP) to report the problem.

6. Use INSTALL NAME: Option: INSTALL Package(s)

**EXAMPLE INSTALLATION:**

Select INSTALL NAME: KNR FAMILY HISTORY 1.0 9/9/15@23:32:19

=> KNR FAMILY HISTORY BUILD 9-9-15

This Distribution was loaded on Sep 09, 2015@23:32:19 with header of

KNR FAMILY HISTORY BUILD 9-9-15

It consisted of the following Install(s):

KNR FAMILY HISTORY 1.0

Checking Install for Package KNR FAMILY HISTORY 1.0

Install Questions for KNR FAMILY HISTORY 1.0

Incoming Files:

500003 KNR FAMILY HISTORY

Note: You already have the 'KNR FAMILY HISTORY' File.

500005 KNR FH RACE (including data)

Note: You already have the 'KNR FH RACE' File.

I will OVERWRITE your data with mine.

500007 KNR FH ETHNICITY (including data)

Note: You already have the 'KNR FH ETHNICITY' File.

I will OVERWRITE your data with mine.

500009 KNR FH DISEASE GROUP (including data)

Note: You already have the 'KNR FH DISEASE GROUP' File.

I will OVERWRITE your data with mine.

500011 KNR FH HERITABLE DISEASES/CONDITIONS (including data)

Note: You already have the 'KNR FH HERITABLE DISEASES/CONDITIONS' File.

I will OVERWRITE your data with mine.

500013 KNR FH RELATIONSHIP (including data)

Note: You already have the 'KNR FH RELATIONSHIP' File.

I will OVERWRITE your data with mine.

500015 KNR RELATIVE

Note: You already have the 'KNR RELATIVE' File.

500017 KNR RELATIVE DISEASES/CONDITIONS

Note: You already have the 'KNR RELATIVE DISEASES/CONDITIONS' File.

500019 KNR FH AGE (including data)

Note: You already have the 'KNR FH AGE' File.

Want my data to overwrite yours? YES// YES

Want KIDS to INHIBIT LOGONs during the install? NO// ^

Post-Installation

There are no post install instructions at this time.

### Post-Install Routine Summary

NO post installation routines are associated with this patch. This summary of routines should match the transport global listing of routines since there are no Post-install routines.

## Back Out Plan

The following restores the system to the state prior to patch **FAMHX\*1.0\*XX**

It only affects the newly created Family History Tab and Collection Tool in CPRS

# APPENDIX A

Heritable Disease/Conditions File installed with this patch

NAME 500011,.01 FREE TEXT - Answer must be 3-40 characters in length.

DESCRIPTION 500011,1 FREE TEXT Answer must be 3-80 characters in length.

DISEASE GROUP 500011,2 500011.02 POINTER, Multiple

DISEASE GROUP 500011.02,.01 POINTER TO KNR FH DISEASE GROUP FILE (#500009)

HELP DISPLAY: ENTER THE GROUPS THIS DISEASE SHOULD BE DISPLAYED WITH

**KNR FH HERITABLE DISEASES/CONDITIONS LIST in Alpha order**

**NAME**

10 OR MORE COLORECTAL POLYPS

ALPHA 1-ANTI-TRYPSIN DEFICIENCY

ANEURYSM

BIRTH DEFECTS

BREAST CANCER

CARDIOMYOPATHY

COLORECTAL CANCER

CORONARY HEART DISEASE

CYSTIC FIBROSIS

DEMENTIA

DEPRESSION

DIABETES

EPHYSEMA/COPD

GASTRIC CANCER

HEART FAILURE

HEMOCHROMATOSIS

HEREDITARY BREAST OVARIAN CANCER

HUNTINGTON DISEASE

INFERTILITY

INFLAMETORY BOWEL DISEASE

KIDNEY CANCER

KIDNEY STONES

LYNCH SYNDROME

MELANOMA

MENTAL RETARDATION

MULTIPLE MISCARRIAGE

NO CANCER

NO CVD

NO ENDOCRINE DISORDER

NO GI DISORDER

NO HEREDITARY DISORDER

NO KIDNEY DISORDER

NO NEUROPSYCHIATRIC DISORDER

NO PULMONARY DISORDER

NO REPRODUCTIVE DISORDER

NOT RECORDED CANCER

NOT RECORDED CVD

NOT RECORDED ENDOCRINE DISORDER

NOT RECORDED GI DISORDER

NOT RECORDED HEREDITARY DISORDER

NOT RECORDED KIDNEY DISORDER

NOT RECORDED NEUROPSYCHIATRIC DISORDER

NOT RECORDED PULMONARY DISORDER

NOT RECORDED REPRODUCTIVE DISORDER

OTHER CANCER

OTHER CVD

OTHER ENDOCRINE DISORDER

OTHER GI DISORDER

OTHER HEREDITARY DISORDER

OTHER KIDNEY DISORDER

OTHER NEUROPSYCHIATRIC DISORDER

OTHER PULMONARY DISORDER

OTHER REPRODUCTIVE DISORDERS

OVARIAN CANCER

PANCREATIC CANCER

PANCREATITIS

POLYCYSTIC KIDNEY DISEASE

POLYPOSIS SYNDROME

POST TRAUMATIC STRESS DISORDER

PROSTATE CANCER

RENAL FAILURE

STROKE

SUDDEN DEATH

THYROID CANCER

THYROID DISEASE

UNKNOWN CANCER

UNKNOWN CVD

UNKNOWN ENDOCRINE DISORDER

UNKNOWN GI DISORDER

UNKNOWN HEREDITARY DISORDER

UNKNOWN KIDNEY DISORDER

UNKNOWN NEUROPSYCHIATRIC DISORDER

UNKNOWN PULMONARY DISEASE/CONDITION

UNKNOWN REPRODUCTIVE DISORDER

URINARY TRACT CANCER

UTERINE CANCER

# APPENDIX B

**RELATIONSHIP File installed with this patch**

The following are the relative/relationship types that are selectable in CPRS and stored in VistA FileMan in the Family History Relative File. The display order is listed as it appears in CPRS, Family History Collection Tool and what the associated degree level that is stored in the file.

|  |  |  |
| --- | --- | --- |
| **NAME:** | **DEGREE:** | **DISPLAY ORDER:** |
| SELF | FIRST | 1 |
| MOTHER | FIRST | 2 |
| FATHER | FIRST | 3 |
| DAUGHTER | FIRST | 4 |
| SON | FIRST | 5 |
| SISTER | FIRST | 6 |
| IDENTICAL TWIN SISTER FIRST | FIRST | 7 |
| MATERNAL HALF-SISTER | SECOND | 8 |
| PATERNAL HALF-SISTER | SECOND | 9 |
| BROTHER | FIRST | 10 |
| IDENTICAL TWIN BROTHER | FIRST | 11 |
| MATERNAL HALF-BROTHER | SECOND | 12 |
| PATERNAL HALF- BROTHER | SECOND | 13 |
| MATERNAL GRANDMOTHER | SECOND | 14 |
| MATERNAL GRANDFATHER | SECOND | 15 |
| MATERNAL UNCLE | SECOND | 16 |
| MATERNAL AUNT | SECOND | 17 |
| PATERNAL GRANDMOTHER | SECOND | 18 |
| PATERNAL GRANDFATHER | SECOND | 19 |
| PATERNAL UNCLE | SECOND | 20 |
| PATERNAL AUNT | SECOND | 21 |
| OTHER RELATIVE | SECOND | 22 |

**#500015 -- KNR RELATIVE FILE**

ENTRY NUMBER 500015,.01 FREE TEXT, CREATED BY FH TOOL. DO NOT EDIT.

FIRST NAME OF RELATIVE 500015,1 FREE TEXT, Answer must be 1-30 characters in length.

RELATIONSHIP 500015,2 POINTER TO KNR FH RELATIONSHIP FILE (#500013)

ENTER RELATIONSHIP TO THE PATIENT

VITAL STATUS 500015,3 SET

'L' FOR LIVING;

'D' FOR DECEASED;

'U' FOR UNKNOWN;

HELP DISPLAY: “ ENTER VITAL STATUS OF RELATIVE, LIVING, DECEASED OR UNKNOWN.”

AGE AT DEATH 500015,4 POINTER TO KNR FH AGE FILE (#500019)

ENTER AGE RANGE 0-5, 51-56, ETC.

COMMENT 500015,5 FREE TEXT, Answer must be 1-80 characters in length.

DATE LAST EDITED 500015,6 DATE , ENTER DATE ENTRY WAS LAST CHANGED

LAST EDITED BY 500015,7 POINTER TO NEW PERSON FILE (#200)

HELP DISPLAY: USER CREATING OR EDITING THIS RELATIVE

FH PATIENT 500015,8 POINTER TO KNR FAMILY HISTORY FILE (#500003)

POINTER TO FAMILY HISTORY PATIENT

RACE 500015,9 POINTER TO KNR FH RACE FILE (#500005)

ETHNICITY 500015,10 POINTER TO KNR FH ETHNICITY FILE (#500007)

CURRENT AGE 500015,11 NUMBER, Type a number between 0 and 199, 0 decimal digits.

# GLOSSARY

|  |  |
| --- | --- |
| **Acronym** | **Definition** |
| CAC | Clinical Application Coordinator |
| CPRS | Computerized Patient Record System |
| GUI | Graphic User Interface |
| OHI | Office of Health Information |
| OI | Office of Information |
| OIT/OI&T | Office of Information Technology |

**Approval Signatures**

This section is used to document the initial approval of the Family History (FH) Collection Tool in the CPRS Installation & Setup Guide and subsequent updates and modifications of this document.

All members of the governing Management Team are required to sign:

**REVIEW DATE: *<date>***

**SCRIBE: *<name>***

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Signed: Date:

*< Integrated Project Team (IPT) Chair>*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signed: Date:

*<Business Sponsor>*

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Signed: Date:

*<IT Program Manager>*

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Signed: Date:sds

*<Project Manager>*