Existing Product Intake Program (EPIP)

Patch GMRC\*3.0\*89

Remediation Plan



Department of Veterans Affairs

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Version 3.0

Revision History

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# Introduction

The Department of Veterans Affairs (VA) currently utilizes the Veterans Health Information Systems and Technology Architecture (VistA) suite of applications to provide clinical, financial, infrastructure, and management tools. The process of advancing “Class 3” field-developed VistA software to “Class 1” nationally-distributed status is referred to as the Existing Product Intake Program (EPIP). The VA’s goal is to supplement ongoing activities associated with evaluating and advancing field-developed software to a state that meets national standards and facilitates release for Veterans Health Administration (VHA)-wide use.

# Purpose

The purpose of this document is to fully describe the remediation plan to be used for the successful remediation of the intake product code to be deployed as patch GMRC\*3.0\*89. This patch addresses the following NSRs:

* NSR20080312 *Post-Hoc Consult/Closure Note Association Tool*

This NSR has been implemented locally at the VA Medical Center in San Francisco CA.

* NSR20151005 *Print Veterans Cell Phone Number and Age on Consult Form*

This NSR has been implemented locally at the VA Medical Center in Milwaukee WI.

* NSR20151002 *Secondary Consult Service Printers*

This NSR has been implemented locally at the VA Medical Centers in Houston TX and Hines IL.

# Patch Description

GMRC\*3.0\*89 provides the following enhancements to VistA:

* Improves the process of managing pending consults by providing a Consult Closure Tool that identifies consult requests that are incorrectly left in Pending status and efficiently closes out those consults. Current VistA tools provide lists of patients with pending consults, but do not provide the ability to act on those lists directly. The use of non-consult class Text Integration Utility (TIU) notes, duplicate consult requests, and other workaround options to close out consult requests leads to errors in consult completion rates and creates redundant work during consult clean-up actions. Currently, the ‘administrative completion’ option in the Computerized Patient Record System (CPRS) is the only method for closing out completed consults with incorrect note titles.

This modification adds a new option [GMRC CONSULT CLOSURE TOOL] to the VistA Consult Management [GMRC MGR] menu. The Consult Closure Tool menu provides Edit Configuration and Run Configuration options.

The Edit Configuration option is used to create or edit a consult closure Configuration for a specified CPRS Team. The Configuration consists of search parameters—including Clinic, Procedure, Service, and Order Item—to be used in finding pending consults, as well as a list of existing TIU notes to be used to close out the consults. The Run Configuration option can then be used to: 1.) generate a printed list of patients with pending consults that meet the parameters specified in the Configuration and populate the Team list in CPRS, or 2.) immediately resolve and close each of the pending consults by selecting a TIU note to associate with it.

* Provides a veteran’s cell phone number and age (from the PATIENT file (#2)) on the Consultation Form (SF-513) in CPRS. Many veterans do not have a home phone number, so a cell phone number is vital information if it is the primary contact number. Printing a veteran’s age on the form eliminates the chance of a math error being made by the provider when considering treatment options that are reliant on age.
* Enables a Consultation Form (SF-513) to be simultaneously printed to printers at two different locations by adding a SECONDARY PRINTER field (#689) to the REQUEST SERVICES file (#123.5). The modification allows both services to be notified of a new consult at the same time, allowing representatives at both locations to begin their reviews concurrently.

## Needs and Requirements

The Needs and Requirements for the NSRs addressed in this remediation are:

NSR20080312 *Post-Hoc Consult/Closure Note Association Tool*:

* NEED 386705: Post HOC - Pending Consults Management - For Users of consult package who need to manage pending consults the automation of the process of reviewing and closing pending consults using an interactive tool that displays a list of pending consults, associated appointments, and associated progress note.
* REQUIREMENT 396002: Create actionable patient lists - As a user involved in closing pending consults I need to be able to create actionable lists by configuring such items as maximum number of days between the consult and the appointment, maximum number of days between the appointment and the note, and speci. (sic)

NSR 20151005 *Print Veterans Cell Phone Number and Age on Consult Form*:

* NEED 634731: View Veteran's Cell Phone Number on the Printed Consult Form - As a user of consults I need to be able to view the Veteran's cell phone number on the printed Consult Form, along with the currently displayed contact information, so that I can contact the Veteran using information printed in the header and not delay care.
* NEED 634732: View the Veteran's Age on the Printed Consult Form - As a user of consults I need to be able to view the Veteran's age on the printed consult form so that I do not have to calculate the age from the date of birth for the age dependent protocols of some procedures.

NSR20151002 *Secondary Consult Service Printers*:

* NEED 621084: Print Consult At Two Locations - As a provider who requests consults I would like consults that require two different services to review and approve to print on.

# Points of Contact

The VA Point of Contact (POC) for NSR20080312 *Post-Hoc Consult/Closure Note Association Tool* is

The VA POC for NSR 20151005 *Print Veterans Cell Phone Number and Age on Consult Form* is

The VA POC for NSR20151002 *Secondary Consult Service Printers* is Code Remediation

Leidos will review and analyze the intake product code for compliance with coding standards, pointers, shared tables, dependencies, and any interference with VistA systems.

## Standards and Conventions

Leidos will reference the website for applicable documents and will adhere to VA standards to complete the analysis of this intake product. The output of the VA XINDEX utility will be used to analyze the MUMPS source code and document the affected routines (see Appendix A).

The MUMPS coding standards website <http://71.174.62.16/Demo/AnnoStd> will also be used to ensure that the remediated code conforms to VA standards.

## Review and Analysis

Review and analysis of this intake product involves two parts: 1) verification that the source code changes specified in this document provide the desired effect, and 2) verification that the source code changes do not adversely affect any other VistA or CPRS functionality.

Testing will be performed to validate that the intended effect of these products is implemented, and that no other VistA or CPRS Graphical User Interface (GUI) functionality is adversely affected.

## Coding Changes

The coding changes required for NSR20080312 *Post-Hoc Consult/Closure Note Association Tool* are in the following MUMPS routines:

**Modified routines:** None

**New routines:** GMRCCA, GMRCCB, GMRCCC, GMRCCD, GMRCCX, GMRCCY

The coding changes required for NSR 20151005 *Print Veterans Cell Phone Number and Age on Consult Form* are in the following MUMPS routines:

**Modified routines:** GMRCP5D

**New routines:** None

The coding changes required for NSR20151002 *Secondary Consult Service Printers* are in the following MUMPS routines:

**Modified routines:** GMRCUTL1

**New routines:** GMRCZUTL

A detailed analysis of the coding changes is provided in Appendix B.

# Testing

Leidos will perform all testing-related activities to ensure that the remediated code meets the expectations of the VA business owner.

## Test Plan

Leidos will configure the test environment, provide code modifications and end-to-end testing, and deliver applicable testing documentation, following Veteran-focused Integration Process (VIP) guidelines.

The Leidos developer will modify the software pursuant to the VA standards defined in the *Standards and Conventions* section of this document, and will conduct full unit testing of the functionality and verify performance of all software code before it is released to Leidos SQA. SQA will then perform all applicable testing types as described in the *Testing Phases* section of this document. The developer and SQA will resolve problems and address issues as they arise during testing and will document issues using the Rational Team Concert (RTC) defect tracking tool.

## Test Environment

Within five working days of approval of this Remediation Plan, the developer will configure the development/test environment on an Austin Information Technology Center (AITC) server or other VA-approved development/test environment used for this intake product and install the remediated Kernel Installation and Distribution System (KIDS) build. The environment will be restored to its original baseline state by the VistA system administrator after development testing is completed, followed by installation of the remediated software.

Upon notification from the developer of test environment readiness, SQA will commence with planned testing activities. The SQA test execution and reporting documentation will reside in the Rational Quality Manager (RQM) “EPIP” Project. In order to perform testing of this VistA modification, the following tools will be leveraged: RQM, Reflections emulator, CPRS GUI v31 (1.0.30.75), and SnagIt.

## Test Readiness Review

Leidos will conduct a Test Readiness Review (TRR) at the conclusion of unit testing to verify the contents of the software to be tested, the test schedule, test environments, test participants, and associated logistics. Leidos will provide an agenda prior to the TRR and written minutes after completion of the TRR, in accordance with the Performance Work Statement (PWS).

## Testing Phases

Leidos will perform development and SQA testing activities in phases, and will provide all required testing documentation.

### Unit Testing

The developer will conduct unit testing of individual units of source code to determine if they are fit for use.

### Component Integration and Systems Testing (CI/ST)

Component integration and systems testing will be conducted by SQA to ensure that connectivity to the VistA application exists and is functioning normally. SQA will record Passed/Failed outcomes and capture displayed content to document the system testing effort.

### Functional Testing

Functional testing will be performed by SQA to test the code modifications. This testing will ensure that the software functionality is in alignment with the Government Furnished Information. SQA will record Passed/Failed outcomes and capture displayed content to document the functional testing effort.

### Regression Testing

Regression testing will be performed by SQA to ensure that the remediated code does not introduce errors to existing functionality. The regression test framework will be kept up-to-date with manual test cases and test scripts defining the inputs and expected outcomes. SQA will record Passed/Failed outcomes and capture displayed content to document the regression testing effort.

### Section 508 Compliance Testing

Section 508 testing will be performed on VistA and CPRS code when new CPRS GUI changes are introduced by the developer. The VA-recommended Assistive Technology tool, JAWS, will be used to conduct the 508 testing. Test results and related documentation will be submitted to the VA Section 508 team in accordance with the VA 508 testing requirements. Defects found during testing will be assessed and remediated by the developer.

# Documentation Remediation

Leidos will review existing VA documentation for possible impact as a result of this remediation effort, and will make updates where applicable.

To determine the existing VA documentation that requires modification, Leidos will conduct a thorough review of the documents currently available from the VA Software Document Library (VDL) located at Keyword searches using terms relevant to this remediation effort will be used to identify documents that might be impacted; those documents were will then be reviewed in their entirety for any needed revisions.

The following sections outline the VDL documents to be revised for this remediation, as well as the Release Notes to be provided by Leidos.

## User Guides

The following User Guide will be updated in the VDL:

* *Consult/Request Tracking User Manual Version 3.0*

## Installation Guides

The *National Patch Module Patch Description* document for this remediation will provide the procedure for installing KIDS packages migrated from the test environment to the VA   
Pre-Production environments. Therefore, no Installation Guides will be updated.

## Technical Manuals

The following Technical Manual will be updated in the VDL:

* *Consult/Request Tracking Technical Manual Version 3.0*

## Operations Manuals

No Operations Manuals require revision as a result of this modification.

# Project Reporting

Leidos will provide interim progress updates during daily Scrum calls and weekly management calls with VA representatives.

# Project Schedule

Leidos will follow the Scrum Agile methodology for software development. It is anticipated that this patch will require five 2-week sprints.

# Deployment

Leidos will create a KIDS package containing the software changes necessary to fulfill the requirements for this remediation effort. A KIDS package, along with all related documentation, will be delivered to the Contracting Office Representative (COR) for acceptance. If accepted, the KIDS package can then be released for national VA consumption; otherwise, Leidos will correct any defects found and repeat the necessary remediation activities.

# Sustainment Requirements

Leidos will provide maintenance support for 60 days to the VA to support the final Class 1 product after it is nationally released.

# Maintenance and Knowledge Transfer

To facilitate continuous process improvement, Leidos will deliver *Sprint Review and Retrospective* slides and a *Lessons Learned* *Report* to VA upon completion of the final sprint.

XINDEX Listing for MUMPS Code Changes

The XINDEX tool is the standard tool used by the VA to analyze MUMPS source code. Following is a listing of the results of the XINDEX analysis of the affected routines.

V. A. C R O S S R E F E R E N C E R 7.3

[2008 VA Standards & Conventions]

UCI: VISTA CPU: ROU Mar 15, 2017@11:37:32

Routines: 9 Faux Routines: 0

GMRCCA GMRCCB GMRCCC GMRCCD GMRCCX GMRCCY GMRCP5D GMRCUTL1

GMRCZUTL

--- CROSS REFERENCING ---

Press return to continue:

Compiled list of Errors and Warnings Mar 15, 2017@11:37:32 page 1

No errors or warnings to report

--- END ---

Source Code Changes

This appendix displays the VistA code before and after the updates required for this code modification were implemented. The following routines were affected:

**Modified routines:** GMRCP5D, GMRCUTL1

**New routines:** GMRCCA, GMRCCB, GMRCCC, GMRCCD, GMRCCX, GMRCCY, GMRCZUTL

**GMRCP5D**

**Before:**

GMRCP5D ;SLC/DCM,RJS,JFR,WAT,DEH - Print Consult form 513 (Gather Data - Addendums, Headers, Service reports and Comments) ;03/18/09 15:00

;;3.0;CONSULT/REQUEST TRACKING;\*\*4,12,15,22,29,35,38,61,65,66,82\*\*;Dec 27, 1997;Build 11

;This routine invokes the following ICR(s):

;2056 $$GET1^DIQ, 2541 $$KSP^XUPARAM, 10103 $$FMTE^XLFDT, 10104 $$UP^XLFSTR, 10061 VADPT API

;10040 ^SC(, 4156 $$CVEDT^DGCV

;

FORMAT(GMRCIFN,GMRCRD,PAGEWID) ;

;

I $L($P(GMRCRD,U,15)) D

.I $O(^TMP("GMRCR",$J,"MCAR",0)) D

..N GMRCSVC

..S GMRCSVC=$P($G(^GMR(123.5,+$P(GMRCRD,U,5),0)),U,1)

..S:$L(GMRCSVC) GMRCSVC=GMRCSVC\_" "

..;

..; Medicine Results?

..S GMRCR0=0 F S GMRCR0=$O(^TMP("GMRCR",$J,"MCAR",GMRCR0)) Q:'GMRCR0 D

...D SUB("H","SREP",GMRCR0,$$CENTER(GMRCSVC\_"Service Report #"\_GMRCR0\_" continued."))

...D SUB("H","SREP",GMRCR0," ")

...D BLD("SREP",GMRCR0,1,0,$$CENTER("Medicine Package Report"))

...D BLD("SREP",GMRCR0,1,0,"")

...N LN

...S LN=0 F S LN=$O(^TMP("GMRCR",$J,"MCAR",GMRCR0,LN)) Q:'LN D

....D BLD("SREP",GMRCR0,1,0,$G(^TMP("GMRCR",$J,"MCAR",GMRCR0,LN,0)))

;

; Build Processing Activities

S GMRCR0=0 F S GMRCR0=$O(^GMR(123,GMRCIFN,40,GMRCR0)) Q:'GMRCR0 D

.N GMRCR1,GMRC400,CMT,USER,GMRCDT,RPRV,GMRC402,GMRCISIT

.S GMRCR1=+$O(^GMR(123,GMRCIFN,40,GMRCR0,0)) Q:GMRCR1'=1

.S GMRC400=$G(^GMR(123,GMRCIFN,40,GMRCR0,0))

.S GMRC402=$G(^GMR(123,GMRCIFN,40,GMRCR0,2))

.S CMT=$$PRCMT^GMRCP5B(+$P(GMRC400,U,2)) Q:'$L(CMT)

.S GMRCDT=$P(GMRC400,U,3) S:'GMRCDT GMRCDT=$P(GMRC400,U,1)

.S GMRCDT=$$EXDT(GMRCDT)\_" "\_$P(GMRC402,U,3)

.;Following lines modified in patch \*38

.;I $P(^GMR(123,GMRCIFN,0),U,23) D ;commented out

.;.S GMRCISIT=$$GET1^DIQ(4,$P(^GMR(123,GMRCIFN,0),U,23),.01) ;commented out

.;.S GMRCISIT="Entered at: "\_GMRCISIT ;commented out

.I $L(GMRC402) D ;ADDED

..S GMRCISIT=$$GET1^DIQ(123,GMRCIFN,.07) ;ADDED

.I '$D(GMRCISIT) D ;ADDED

..S GMRCISIT=$$KSP^XUPARAM("INST") ;ADDED

..I GMRCISIT'="" S GMRCISIT=$$GET1^DIQ(4,GMRCISIT,.01) ;ADDED

..I GMRCISIT="" S GMRCISIT=$$GET1^DIQ(123,GMRCIFN,.05) ;ADDED

.S GMRCISIT="Entered at: "\_GMRCISIT ;ADDED

.;End of modifications for patch \*38

.S RPRV=$$GET1^DIQ(200,+$P(GMRC400,U,4),.01)

.I '$L(RPRV) S RPRV=$P(GMRC402,U,2)

.S:($L(RPRV)) RPRV="Responsible Person: "\_RPRV

.S USER=$$GET1^DIQ(200,+$P(GMRC400,U,5),.01)

.I '$L(USER) S USER=$P(GMRC402,U)

.S USER="Entered by: "\_USER\_" - "\_GMRCDT

.D SUB("H","COM",GMRCR0,CMT\_" Comment ("\_USER\_") continued.")

.D SUB("H","COM",GMRCR0," ")

.D BLD("COM",GMRCR0,1,0,"")

.D BLD("COM",GMRCR0,1,0,$$CENTER("("\_CMT\_" Comment)"))

.I $P(GMRC400,U,2)=17!($P(GMRC400,U,2)=25) D

.. N FWDLN,FWDRS

.. S FWDLN="Forwarded from: "

.. S FWDRS=$P($G(^GMR(123,GMRCIFN,40,GMRCR0,3)),U)

.. I $L(FWDRS) S FWDLN=FWDLN\_FWDRS

.. I '$L(FWDRS) S FWDLN=FWDLN\_$$GET1^DIQ(123.5,+$P(GMRC400,U,6),.01)

.. D BLD("COM",GMRCR0,1,5,FWDLN)

.D BLD("COM",GMRCR0,1,5,USER)

.D:($L(RPRV)) BLD("COM",GMRCR0,1,5,RPRV)

.D:($L($G(GMRCISIT))) BLD("COM",GMRCR0,1,5,GMRCISIT)

.;

.N GMRCR2 S GMRCR2=0

.F S GMRCR2=$O(^GMR(123,GMRCIFN,40,GMRCR0,GMRCR1,GMRCR2)) Q:'GMRCR2 D

..D BLD("COM",GMRCR0,1,0,$G(^GMR(123,GMRCIFN,40,GMRCR0,GMRCR1,GMRCR2,0)))

;

Q

;

ADDEND(GMRCIFN,GMRCR0,GMRCNDX,GMRCRD,PAGEWID) ;

;

N GMRCADD,GMRCNDX,GMRCR1,GMRCV,TEXT,GMRCX

;

S GMRCADD=0 F S GMRCADD=$O(^TMP("GMRCR",$J,"RES",GMRCR0,"ADD",GMRCADD)) Q:'GMRCADD D

.N GMRCSGNM,GMRCNMDT,GMRCTIT,GMRCMODE,GMRCCSDT,GMRCCTIT,GMRCCSGM

.;

.F GMRCV="GMRCSGNM","GMRCNMDT","GMRCTIT","GMRCMODE" D

..S @GMRCV=$G(^TMP("GMRCR",$J,"RES",GMRCR0,"ADD",GMRCADD,GMRCV))

.;

. F GMRCV="GMRCCSDT","GMRCCTIT","GMRCCSGM","GMRCCSIG" D

.. S @GMRCV=$G(^TMP("GMRCR",$J,"RES",GMRCR0,"ADD",GMRCADD,GMRCV))

.S GMRCNDX=$O(^TMP("GMRC",$J,"OUTPUT","RES"," "),-1)+1

.I $L($G(GMRCRPT)) D SUB("H","RES",GMRCNDX,"Addendum #"\_GMRCADD\_" To Consult Note #"\_GMRCR0\_" for "\_GMRCRPT\_" continued.")

.I '$L($G(GMRCRPT)) D SUB("H","RES",GMRCNDX,"Addendum #"\_GMRCADD\_" To Consult Note #"\_GMRCR0\_" continued.")

.D SUB("H","RES",GMRCNDX," ")

.I $L($G(GMRCSGNM)) D

..D SUB("F","RES",GMRCNDX," ")

..I (GMRCMODE="electronic") S GMRCX=" Addendum Signature: "\_GMRCSGNM\_" /es/ "\_$$EXDT($G(GMRCNMDT))

..I '(GMRCMODE="electronic") S GMRCX=" Addendum Author: "\_GMRCSGNM S:$L($G(GMRCNMDT)) GMRCX=GMRCX\_" Last edited: "\_$$EXDT(GMRCNMDT)

..D SUB("F","RES",GMRCNDX,GMRCX)

..D:$L($G(GMRCTIT)) SUB("F","RES",GMRCNDX," "\_GMRCTIT)

.I $L($G(GMRCCSDT)) D

..D SUB("F","RES",GMRCNDX," ")

..I (GMRCCSGM="electronic") S GMRCX=" Addendum CoSignature: "\_GMRCCSIG\_" /es/ "\_$$EXDT(GMRCCSDT)

..I '(GMRCCSGM="electronic") S GMRCX=" Addendum CoSignature: "\_GMRCCSIG\_" /chart/ "\_$$EXDT(GMRCCSDT)

..D SUB("F","RES",GMRCNDX,GMRCX)

..D:$L($G(GMRCCTIT)) SUB("F","RES",GMRCNDX," "\_GMRCCTIT)

.D BLD("RES",GMRCNDX,1,0," ")

.I $L($G(GMRCRPT)) D BLD("RES",GMRCNDX,1,0,$$CENTER("ADDENDUM #"\_GMRCADD\_" TO CONSULT NOTE #"\_GMRCR0\_" FOR "\_GMRCRPT))

.I '$L($G(GMRCRPT)) D BLD("RES",GMRCNDX,1,0,$$CENTER("ADDENDUM #"\_GMRCADD\_" TO CONSULT NOTE #"\_GMRCR0))

.D BLD("RES",GMRCNDX,1,0," ")

.S GMRCR1=0 F S GMRCR1=$O(^TMP("GMRCR",$J,"RES",GMRCR0,"ADD",GMRCADD,GMRCR1)) Q:'GMRCR1 D

..D BLD("RES",GMRCNDX,1,0,$G(^TMP("GMRCR",$J,"RES",GMRCR0,"ADD",GMRCADD,GMRCR1,0)))

Q

;

HDR ; Header code for form 513

;GMRCPEL ext fmt Primary Eligibiity Code

;GMRCELIG ext fmt of Patient Type defined @ FORMAT^GMRCP5A

;CVELIG marker to indicate if pt has active preference for Combat Veteran Eligibility status

;get and format eligibility info

N VAEL,VAPA,GMRCPEL,SUB,GMRCFROM

N CVELIG ;WAT

D ELIG^VADPT

D ADD^VADPT

N VASV,OEFOIF D SVC^VADPT S:(VASV(11)>0)!(VASV(12)>0)!(VASV(13)>0) OEFOIF="OEF/OIF" ;WAT 66

S GMRCPEL=$P(VAEL(1),U,2)

I $L($G(GMRCELIG)) D

.;if TYPE is Active Duty and VETERAN Y/N? is No, then call the pt Active Duty

.S:$P(VAEL(6),U,1)=5&(VAEL(4)=0) GMRCELIG=$P(VAEL(6),U,2)

F SUB=0,1 D

.N GMRCFLN

.S GMRCFLN=$P($G(^DPT(GMRCDFN,0)),U,1)

.S CVELIG=$$CVEDT^DGCV(GMRCDFN) S:$P($G(CVELIG),U,3) CVELIG="CV ELIGIBLE" ;WAT

.D BLD("HDR",SUB,1,0,GMRCDVL)

.D BLD("HDR",SUB,1,6,"MEDICAL RECORD")

.D BLD("HDR",SUB,0,39,"|")

.D BLD("HDR",SUB,0,45,"CONSULTATION SHEET")

.D BLD("HDR",SUB,1,0,GMRCDVL)

.D BLD("HDR",SUB,1,0,GMRCFLN)

.D BLD("HDR",SUB,0,45,GMRCPEL)

.D BLD("HDR",SUB,1,0,"XXX-XX-"\_$P(GMRCSN,"-",3))

.D BLD("HDR",SUB,0,16,$$EXDT(GMRCDOB))

.D BLD("HDR",SUB,0,45,GMRCELIG)

.D:$G(CVELIG)["CV" BLD("HDR",SUB,1,45,CVELIG)

.D:$G(OEFOIF)="OEF/OIF" BLD("HDR",SUB,1,45,OEFOIF) ;WAT 66

;

; ADDRESS LINES 1-3

F GMRCX=1,2,3 D:$L(VAPA(GMRCX))

.D BLD("HDR",0,1,0,VAPA(GMRCX))

.;I GMRCX=1 D BLD("HDR",0,0,51,"Standard Form 513 (Rev 9-77)")

;

; CITY STATE ZIP CODE

S GMRCX=VAPA(4)\_" "\_$P(VAPA(5),U,2)\_" "\_VAPA(6)

;

I $L(VAPA(8)) S GMRCX=GMRCX\_" Phone: "\_VAPA(8) ; TELEPHONE (IF AVAILABLE)

;

D BLD("HDR",0,1,0,GMRCX)

D BLD("HDR",0,1,0,GMRCDVL)

D BLD("HDR",0,1,0,"Consult Request: "\_$$CONSRQ(GMRCIFN))

D BLD("HDR",0,1,55,"|Consult No.: "\_GMRCIFN)

;

D BLD("HDR",1,1,0,GMRCEQL)

D BLD("HDR",0,1,0,GMRCDVL)

;

I $G(CMT) D BLD("HDR",0,1,27,"("\_$$PRCMT^GMRCP5B(CMT)\_")") Q

;

S GMRCFROM=$P($G(^SC(+$P(GMRCRD,U,6),0)),U,1)

;

I '$L(GMRCFROM) D

.N VAIN

.D INP^VADPT

.S GMRCFROM=$P($G(VAIN(4)),U,2)

.I $L($G(VAIN(5))) S GMRCFROM=GMRCFROM\_" (Rm/Bd: "\_$G(VAIN(5))\_" )"

;No location, IFC - consulting site

I '$L(GMRCFROM),$P(GMRCRD,U,23),$P($G(GMRCRD(12)),U,5)="F" D

.I $P(GMRCRD,U,21) S GMRCFROM=$$GET1^DIQ(4,$P(GMRCRD,U,21),.01)

.E S GMRCFROM=$$GET1^DIQ(4,$P(GMRCRD,U,23),.01)

;

D BLD("HDR",0,1,0,"To: "\_$P($G(^GMR(123.5,+$P(GMRCRD,U,5),0)),U,1))

D BLD("HDR",0,1,5,"From: "\_GMRCFROM)

D BLD("HDR",0,0,49,"|Requested: "\_$$EXDT($P(GMRCRD,U,7)))

;

D BLD("HDR",0,1,0,GMRCDVL)

D BLD("HDR",0,1,0,"Requesting Facility: "\_$E(GMRCFAC,1,22))

I $P(GMRCRD,U,11) D BLD("HDR",0,0,45,"|ATTENTION: "\_$E($$GET1^DIQ(200,+$P(GMRCRD,U,11),.01),1,21))

I $P(GMRCRD,U,23) D

. D BLD("HDR",0,1,0,"Remote Consult No.: "\_GMRCINO)

. D BLD("HDR",0,1,0,"Role: "\_GMRCIRL)

D BLD("HDR",0,1,0,GMRCEQL)

;

D KVAR^VADPT ;WAT 66

Q

;

CENTER(X) ;

;

N TEXT,COL

S COL=35-($L(X)\2) Q:(COL<1) X

S $E(TEXT,COL)=X

Q TEXT

;

BLD(SUB,NDX,LINE,TAB,TEXT,RUNTIME) ;

;

Q:'$L($G(SUB))

N LINECNT

;

F LINECNT=1:1:+LINE S ^TMP("GMRC",$J,"OUTPUT",SUB,NDX,$$LASTLN(SUB,NDX)+1,0)=""

;

S $E(^TMP("GMRC",$J,"OUTPUT",SUB,NDX,$$LASTLN(SUB,NDX),0),TAB+1)=TEXT

I $L($G(RUNTIME)) S ^TMP("GMRC",$J,"OUTPUT",SUB,NDX,$$LASTLN(SUB,NDX),1)=RUNTIME

;

S GMRCLAST=SUB

Q

;

SUB(ZONE,SUB,NDX,TEXT) ;

;

N NEXT

S NEXT=$O(^TMP("GMRC",$J,"OUTPUT",SUB,NDX,ZONE," "),-1)+1

S ^TMP("GMRC",$J,"OUTPUT",SUB,NDX,ZONE,NEXT,0)=TEXT

Q

;

LASTLN(SUB,NDX) ;

Q +$O(^TMP("GMRC",$J,"OUTPUT",SUB,NDX," "),-1)

;

CONSRQ(IFN) ;

;

N PTR,LINK,REF,GMRCRQ

I +$P(^GMR(123,+IFN,0),U,8) D

. S GMRCRQ=$P(^GMR(123,+IFN,0),U,8)

. S GMRCRQ=$$GET1^DIQ(123.3,+GMRCRQ,.01)

. I '$L(GMRCRQ) S GMRCRQ="Procedure"

I $L($G(GMRCRQ)) Q GMRCRQ

I $L($G(^GMR(123,IFN,1.11))) D

. N SERV,TYPE

. S SERV=$$UP^XLFSTR($$GET1^DIQ(123.5,$P(^GMR(123,IFN,0),U,5),.01))

. S TYPE=$$UP^XLFSTR(^GMR(123,IFN,1.11)) I TYPE'=SERV D

. I TYPE'=SERV S GMRCRQ=$E(^GMR(123,IFN,1.11),1,36)

Q:$L($G(GMRCRQ)) GMRCRQ Q "Consult"

;

EXDT(X) ;EXTERNAL DATE FORMAT

;

N DATE,TIME,HR,MN,PD,Y,%DT

Q:'$L(X) ""

I '(X?7N.1".".6N) S %DT="PTS" D ^%DT S X=Y

Q $$FMTE^XLFDT(X,"5PMZ")

;

**After:**

GMRCP5D ;SLC/DCM,RJS,JFR,WAT,DEH - Print Consult form 513 (Gather Data - Addendums, Headers, Service reports and Comments) ;01/20/17 15:19

;;3.0;CONSULT/REQUEST TRACKING;\*\*4,12,15,22,29,35,38,61,65,66,82,89\*\*;Dec 27, 1997;Build 11

;Waiver #301965 submitted 2014.02.02,pending as of 2015.05.05/JDT

; MILW/RH/JDT 9/09 HDR+26,+27 concantenated age to DOB

; MILW/JDT HDR+41 add cell phone to header

; WLE added Cell phone and age to SF513

;This routine invokes the following ICR(s):

;2056 $$GET1^DIQ, 2541 $$KSP^XUPARAM, 10103 $$FMTE^XLFDT, 10104 $$UP^XLFSTR, 10061 VADPT API

;10040 ^SC(, 4156 $$CVEDT^DGCV

;

FORMAT(GMRCIFN,GMRCRD,PAGEWID) ;

;

I $L($P(GMRCRD,U,15)) D

.I $O(^TMP("GMRCR",$J,"MCAR",0)) D

..N GMRCSVC

..S GMRCSVC=$P($G(^GMR(123.5,+$P(GMRCRD,U,5),0)),U,1)

..S:$L(GMRCSVC) GMRCSVC=GMRCSVC\_" "

..;

..; Medicine Results?

..S GMRCR0=0 F S GMRCR0=$O(^TMP("GMRCR",$J,"MCAR",GMRCR0)) Q:'GMRCR0 D

...D SUB("H","SREP",GMRCR0,$$CENTER(GMRCSVC\_"Service Report #"\_GMRCR0\_" continued."))

...D SUB("H","SREP",GMRCR0," ")

...D BLD("SREP",GMRCR0,1,0,$$CENTER("Medicine Package Report"))

...D BLD("SREP",GMRCR0,1,0,"")

...N LN

...S LN=0 F S LN=$O(^TMP("GMRCR",$J,"MCAR",GMRCR0,LN)) Q:'LN D

....D BLD("SREP",GMRCR0,1,0,$G(^TMP("GMRCR",$J,"MCAR",GMRCR0,LN,0)))

;

; Build Processing Activities

S GMRCR0=0 F S GMRCR0=$O(^GMR(123,GMRCIFN,40,GMRCR0)) Q:'GMRCR0 D

.N GMRCR1,GMRC400,CMT,USER,GMRCDT,RPRV,GMRC402,GMRCISIT

.S GMRCR1=+$O(^GMR(123,GMRCIFN,40,GMRCR0,0)) Q:GMRCR1'=1

.S GMRC400=$G(^GMR(123,GMRCIFN,40,GMRCR0,0))

.S GMRC402=$G(^GMR(123,GMRCIFN,40,GMRCR0,2))

.S CMT=$$PRCMT^GMRCP5B(+$P(GMRC400,U,2)) Q:'$L(CMT)

.S GMRCDT=$P(GMRC400,U,3) S:'GMRCDT GMRCDT=$P(GMRC400,U,1)

.S GMRCDT=$$EXDT(GMRCDT)\_" "\_$P(GMRC402,U,3)

.;Following lines modified in patch \*38

.;I $P(^GMR(123,GMRCIFN,0),U,23) D ;commented out

.;.S GMRCISIT=$$GET1^DIQ(4,$P(^GMR(123,GMRCIFN,0),U,23),.01) ;commented out

.;.S GMRCISIT="Entered at: "\_GMRCISIT ;commented out

.I $L(GMRC402) D ;ADDED

..S GMRCISIT=$$GET1^DIQ(123,GMRCIFN,.07) ;ADDED

.I '$D(GMRCISIT) D ;ADDED

..S GMRCISIT=$$KSP^XUPARAM("INST") ;ADDED

..I GMRCISIT'="" S GMRCISIT=$$GET1^DIQ(4,GMRCISIT,.01) ;ADDED

..I GMRCISIT="" S GMRCISIT=$$GET1^DIQ(123,GMRCIFN,.05) ;ADDED

.S GMRCISIT="Entered at: "\_GMRCISIT ;ADDED

.;End of modifications for patch \*38

.S RPRV=$$GET1^DIQ(200,+$P(GMRC400,U,4),.01)

.I '$L(RPRV) S RPRV=$P(GMRC402,U,2)

.S:($L(RPRV)) RPRV="Responsible Person: "\_RPRV

.S USER=$$GET1^DIQ(200,+$P(GMRC400,U,5),.01)

.I '$L(USER) S USER=$P(GMRC402,U)

.S USER="Entered by: "\_USER\_" - "\_GMRCDT

.D SUB("H","COM",GMRCR0,CMT\_" Comment ("\_USER\_") continued.")

.D SUB("H","COM",GMRCR0," ")

.D BLD("COM",GMRCR0,1,0,"")

.D BLD("COM",GMRCR0,1,0,$$CENTER("("\_CMT\_" Comment)"))

.I $P(GMRC400,U,2)=17!($P(GMRC400,U,2)=25) D

.. N FWDLN,FWDRS

.. S FWDLN="Forwarded from: "

.. S FWDRS=$P($G(^GMR(123,GMRCIFN,40,GMRCR0,3)),U)

.. I $L(FWDRS) S FWDLN=FWDLN\_FWDRS

.. I '$L(FWDRS) S FWDLN=FWDLN\_$$GET1^DIQ(123.5,+$P(GMRC400,U,6),.01)

.. D BLD("COM",GMRCR0,1,5,FWDLN)

.D BLD("COM",GMRCR0,1,5,USER)

.D:($L(RPRV)) BLD("COM",GMRCR0,1,5,RPRV)

.D:($L($G(GMRCISIT))) BLD("COM",GMRCR0,1,5,GMRCISIT)

.;

.N GMRCR2 S GMRCR2=0

.F S GMRCR2=$O(^GMR(123,GMRCIFN,40,GMRCR0,GMRCR1,GMRCR2)) Q:'GMRCR2 D

..D BLD("COM",GMRCR0,1,0,$G(^GMR(123,GMRCIFN,40,GMRCR0,GMRCR1,GMRCR2,0)))

;

Q

;

ADDEND(GMRCIFN,GMRCR0,GMRCNDX,GMRCRD,PAGEWID) ;

;

N GMRCADD,GMRCNDX,GMRCR1,GMRCV,TEXT,GMRCX

;

S GMRCADD=0 F S GMRCADD=$O(^TMP("GMRCR",$J,"RES",GMRCR0,"ADD",GMRCADD)) Q:'GMRCADD D

.N GMRCSGNM,GMRCNMDT,GMRCTIT,GMRCMODE,GMRCCSDT,GMRCCTIT,GMRCCSGM

.;

.F GMRCV="GMRCSGNM","GMRCNMDT","GMRCTIT","GMRCMODE" D

..S @GMRCV=$G(^TMP("GMRCR",$J,"RES",GMRCR0,"ADD",GMRCADD,GMRCV))

.;

. F GMRCV="GMRCCSDT","GMRCCTIT","GMRCCSGM","GMRCCSIG" D

.. S @GMRCV=$G(^TMP("GMRCR",$J,"RES",GMRCR0,"ADD",GMRCADD,GMRCV))

.S GMRCNDX=$O(^TMP("GMRC",$J,"OUTPUT","RES"," "),-1)+1

.I $L($G(GMRCRPT)) D SUB("H","RES",GMRCNDX,"Addendum #"\_GMRCADD\_" To Consult Note #"\_GMRCR0\_" for "\_GMRCRPT\_" continued.")

.I '$L($G(GMRCRPT)) D SUB("H","RES",GMRCNDX,"Addendum #"\_GMRCADD\_" To Consult Note #"\_GMRCR0\_" continued.")

.D SUB("H","RES",GMRCNDX," ")

.I $L($G(GMRCSGNM)) D

..D SUB("F","RES",GMRCNDX," ")

..I (GMRCMODE="electronic") S GMRCX=" Addendum Signature: "\_GMRCSGNM\_" /es/ "\_$$EXDT($G(GMRCNMDT))

..I '(GMRCMODE="electronic") S GMRCX=" Addendum Author: "\_GMRCSGNM S:$L($G(GMRCNMDT)) GMRCX=GMRCX\_" Last edited: "\_$$EXDT(GMRCNMDT)

..D SUB("F","RES",GMRCNDX,GMRCX)

..D:$L($G(GMRCTIT)) SUB("F","RES",GMRCNDX," "\_GMRCTIT)

.I $L($G(GMRCCSDT)) D

..D SUB("F","RES",GMRCNDX," ")

..I (GMRCCSGM="electronic") S GMRCX=" Addendum CoSignature: "\_GMRCCSIG\_" /es/ "\_$$EXDT(GMRCCSDT)

..I '(GMRCCSGM="electronic") S GMRCX=" Addendum CoSignature: "\_GMRCCSIG\_" /chart/ "\_$$EXDT(GMRCCSDT)

..D SUB("F","RES",GMRCNDX,GMRCX)

..D:$L($G(GMRCCTIT)) SUB("F","RES",GMRCNDX," "\_GMRCCTIT)

.D BLD("RES",GMRCNDX,1,0," ")

.I $L($G(GMRCRPT)) D BLD("RES",GMRCNDX,1,0,$$CENTER("ADDENDUM #"\_GMRCADD\_" TO CONSULT NOTE #"\_GMRCR0\_" FOR "\_GMRCRPT))

.I '$L($G(GMRCRPT)) D BLD("RES",GMRCNDX,1,0,$$CENTER("ADDENDUM #"\_GMRCADD\_" TO CONSULT NOTE #"\_GMRCR0))

.D BLD("RES",GMRCNDX,1,0," ")

.S GMRCR1=0 F S GMRCR1=$O(^TMP("GMRCR",$J,"RES",GMRCR0,"ADD",GMRCADD,GMRCR1)) Q:'GMRCR1 D

..D BLD("RES",GMRCNDX,1,0,$G(^TMP("GMRCR",$J,"RES",GMRCR0,"ADD",GMRCADD,GMRCR1,0)))

Q

;

HDR ; Header code for form 513

;GMRCPEL ext fmt Primary Eligibiity Code

;GMRCELIG ext fmt of Patient Type defined @ FORMAT^GMRCP5A

;CVELIG marker to indicate if pt has active preference for Combat Veteran Eligibility status

;get and format eligibility info

N VAEL,VAPA,GMRCPEL,SUB,GMRCFROM

N CVELIG ;WAT

D ELIG^VADPT

D ADD^VADPT

N VASV,OEFOIF D SVC^VADPT S:(VASV(11)>0)!(VASV(12)>0)!(VASV(13)>0) OEFOIF="OEF/OIF" ;WAT 66

S GMRCPEL=$P(VAEL(1),U,2)

I $L($G(GMRCELIG)) D

.;if TYPE is Active Duty and VETERAN Y/N? is No, then call the pt Active Duty

.S:$P(VAEL(6),U,1)=5&(VAEL(4)=0) GMRCELIG=$P(VAEL(6),U,2)

F SUB=0,1 D

.N GMRCFLN

.S GMRCFLN=$P($G(^DPT(GMRCDFN,0)),U,1)

.S CVELIG=$$CVEDT^DGCV(GMRCDFN) S:$P($G(CVELIG),U,3) CVELIG="CV ELIGIBLE" ;WAT

.D BLD("HDR",SUB,1,0,GMRCDVL)

.D BLD("HDR",SUB,1,6,"MEDICAL RECORD")

.D BLD("HDR",SUB,0,39,"|")

.D BLD("HDR",SUB,0,45,"CONSULTATION SHEET")

.D BLD("HDR",SUB,1,0,GMRCDVL)

.D BLD("HDR",SUB,1,0,GMRCFLN)

.D BLD("HDR",SUB,0,45,GMRCPEL)

.D BLD("HDR",SUB,1,0,"XXX-XX-"\_$P(GMRCSN,"-",3))

.D BLD("HDR",SUB,0,16,$$EXDT(GMRCDOB)\_" (Age: "\_GMRCAGE\_")") ;89 add age

.D BLD("HDR",SUB,0,45,GMRCELIG)

.D:$G(CVELIG)["CV" BLD("HDR",SUB,1,45,CVELIG)

.D:$G(OEFOIF)="OEF/OIF" BLD("HDR",SUB,1,45,OEFOIF) ;WAT 66

;

; ADDRESS LINES 1-3

F GMRCX=1,2,3 D:$L(VAPA(GMRCX))

.D BLD("HDR",0,1,0,VAPA(GMRCX))

.;I GMRCX=1 D BLD("HDR",0,0,51,"Standard Form 513 (Rev 9-77)")

;

; CITY STATE ZIP CODE

S GMRCX=VAPA(4)\_" "\_$P(VAPA(5),U,2)\_" "\_VAPA(6)

;

I $L(VAPA(8)) S GMRCX=GMRCX\_" Phone: "\_VAPA(8) ; TELEPHONE (IF AVAILABLE)

I $L($P($G(^DPT(GMRCDFN,.13)),U,4)) S GMRCX=GMRCX\_" Cell: "\_$P($G(^DPT(GMRCDFN,.13)),U,4) ;89 add cell phone.

;

D BLD("HDR",0,1,0,GMRCX)

D BLD("HDR",0,1,0,GMRCDVL)

D BLD("HDR",0,1,0,"Consult Request: "\_$$CONSRQ(GMRCIFN))

D BLD("HDR",0,1,55,"|Consult No.: "\_GMRCIFN)

;

D BLD("HDR",1,1,0,GMRCEQL)

D BLD("HDR",0,1,0,GMRCDVL)

;

I $G(CMT) D BLD("HDR",0,1,27,"("\_$$PRCMT^GMRCP5B(CMT)\_")") Q

;

S GMRCFROM=$P($G(^SC(+$P(GMRCRD,U,6),0)),U,1)

;

I '$L(GMRCFROM) D

.N VAIN

.D INP^VADPT

.S GMRCFROM=$P($G(VAIN(4)),U,2)

.I $L($G(VAIN(5))) S GMRCFROM=GMRCFROM\_" (Rm/Bd: "\_$G(VAIN(5))\_" )"

;No location, IFC - consulting site

I '$L(GMRCFROM),$P(GMRCRD,U,23),$P($G(GMRCRD(12)),U,5)="F" D

.I $P(GMRCRD,U,21) S GMRCFROM=$$GET1^DIQ(4,$P(GMRCRD,U,21),.01)

.E S GMRCFROM=$$GET1^DIQ(4,$P(GMRCRD,U,23),.01)

;

D BLD("HDR",0,1,0,"To: "\_$P($G(^GMR(123.5,+$P(GMRCRD,U,5),0)),U,1))

D BLD("HDR",0,1,5,"From: "\_GMRCFROM)

D BLD("HDR",0,0,49,"|Requested: "\_$$EXDT($P(GMRCRD,U,7)))

;

D BLD("HDR",0,1,0,GMRCDVL)

D BLD("HDR",0,1,0,"Requesting Facility: "\_$E(GMRCFAC,1,22))

I $P(GMRCRD,U,11) D BLD("HDR",0,0,45,"|ATTENTION: "\_$E($$GET1^DIQ(200,+$P(GMRCRD,U,11),.01),1,21))

I $P(GMRCRD,U,23) D

. D BLD("HDR",0,1,0,"Remote Consult No.: "\_GMRCINO)

. D BLD("HDR",0,1,0,"Role: "\_GMRCIRL)

D BLD("HDR",0,1,0,GMRCEQL)

;

D KVAR^VADPT ;WAT 66

Q

;

CENTER(X) ;

;

N TEXT,COL

S COL=35-($L(X)\2) Q:(COL<1) X

S $E(TEXT,COL)=X

Q TEXT

;

BLD(SUB,NDX,LINE,TAB,TEXT,RUNTIME) ;

;

Q:'$L($G(SUB))

N LINECNT

;

F LINECNT=1:1:+LINE S ^TMP("GMRC",$J,"OUTPUT",SUB,NDX,$$LASTLN(SUB,NDX)+1,0)=""

;

S $E(^TMP("GMRC",$J,"OUTPUT",SUB,NDX,$$LASTLN(SUB,NDX),0),TAB+1)=TEXT

I $L($G(RUNTIME)) S ^TMP("GMRC",$J,"OUTPUT",SUB,NDX,$$LASTLN(SUB,NDX),1)=RUNTIME

;

S GMRCLAST=SUB

Q

;

SUB(ZONE,SUB,NDX,TEXT) ;

;

N NEXT

S NEXT=$O(^TMP("GMRC",$J,"OUTPUT",SUB,NDX,ZONE," "),-1)+1

S ^TMP("GMRC",$J,"OUTPUT",SUB,NDX,ZONE,NEXT,0)=TEXT

Q

;

LASTLN(SUB,NDX) ;

Q +$O(^TMP("GMRC",$J,"OUTPUT",SUB,NDX," "),-1)

;

CONSRQ(IFN) ;

;

N PTR,LINK,REF,GMRCRQ

I +$P(^GMR(123,+IFN,0),U,8) D

. S GMRCRQ=$P(^GMR(123,+IFN,0),U,8)

. S GMRCRQ=$$GET1^DIQ(123.3,+GMRCRQ,.01)

. I '$L(GMRCRQ) S GMRCRQ="Procedure"

I $L($G(GMRCRQ)) Q GMRCRQ

I $L($G(^GMR(123,IFN,1.11))) D

. N SERV,TYPE

. S SERV=$$UP^XLFSTR($$GET1^DIQ(123.5,$P(^GMR(123,IFN,0),U,5),.01))

. S TYPE=$$UP^XLFSTR(^GMR(123,IFN,1.11)) I TYPE'=SERV D

. I TYPE'=SERV S GMRCRQ=$E(^GMR(123,IFN,1.11),1,36)

Q:$L($G(GMRCRQ)) GMRCRQ Q "Consult"

;

EXDT(X) ;EXTERNAL DATE FORMAT

;

N DATE,TIME,HR,MN,PD,Y,%DT

Q:'$L(X) ""

I '(X?7N.1".".6N) S %DT="PTS" D ^%DT S X=Y

Q $$FMTE^XLFDT(X,"5PMZ")

;

**GMRCUTL1**

**Before:**

GMRCUTL1 ;SLC/DCM,JFR,MA - General Utilities ;10/15/02 11:49

;;3.0;CONSULT/REQUEST TRACKING;\*\*1,4,12,15,21,17,28\*\*;DEC 27, 1997

;

; This routine invokes IA #2876,3121

; Patch #21 added variable GMRCAUDT and moved line tag PRNTAUDT

; to GMRCP5A.

;

ACTM ;;Set correct variables to complete, discontinue, etc. a consult

K GMRCQUT

S:'+$G(GMRCA) GMRCA=$O(^GMR(123.1,"B",GMRCACTM,""))

S GMRCACTM=$P($G(^GMR(123.1,+GMRCA,0)),"^")

S ORSTS=$S(GMRCA:$P(^GMR(123.1,GMRCA,0),"^",2),1:0)

I 'GMRCA S GMRCQUT=1

Q

PRNT(SRVCIFN,GMRCO) ;print form 513 to a printer when new consult is entered

N ORVP,GMRCDEV,GMRCQUED,IOP,%ZIS,POP,ZTDTH,ZTDESC,ZTIO,ZTRTN,ZTSK,GMRCAUDT

I '$G(SRVCIFN) S SRVCIFN=+$P(^GMR(123,GMRCO,0),U,5)

Q:'$D(^GMR(123.5,SRVCIFN,123)) Q:'$P(^GMR(123.5,SRVCIFN,123),"^",9)

S IOP="`"\_$P(^GMR(123.5,SRVCIFN,123),"^",9)

S %ZIS="N" D ^%ZIS I POP S %ZIS=0 D HOME^%ZIS Q

S GMRCDEV=ION,GMRCQUED=1,GMRCAUDT=1

S ZTRTN="PRNT^GMRCP5A("\_(+GMRCO)\_","\_(+$G(TIUFLG))\_",1,"""\_$G(GMRCCPY,"W")\_""",0,"\_(GMRCAUDT)\_")"

S ZTDESC="CONSULT/REQUEST PACKAGE PRINT FORM 513 FOR NEW CONSULT"

S ZTIO=GMRCDEV,ZTDTH=$H

D ^%ZTLOAD

S %ZIS=0 D HOME^%ZIS

K GMRCQUED,GMRCDEV1

Q

END K GMRCDEV,GMRCDEV1,GMRCOREC,GMRCFMT

Q

PROVDX(OI) ;return PROV DX prompting info from 123.5

; Input:

; OI = ref to file 123.5("#;99CON") or file 123.3 (#;99PRC)

;

; Returns: string A^B

; A = O (optional), R (required) or S (suppress)

; B = F (free-text) or L (lexicon)

;

N GMRCFIL

Q:'+$G(OI) "^"

S GMRCFIL=$S(OI["99PRC":123.3,1:123.5)

Q:'$D(^GMR(GMRCFIL,+OI)) "^"

N STRING,NODE

I GMRCFIL=123.3 S NODE=$P(^GMR(123.3,+OI,0),U,7,8)

I GMRCFIL=123.5 S NODE=$P($G(^GMR(123.5,+OI,1)),U,1,2)

I NODE="" Q "O^F" ;values not set

S $P(STRING,U)=$S($L($P(NODE,U)):$P(NODE,U),1:"O")

S $P(STRING,U,2)=$S($L($P(NODE,U,2)):$P(NODE,U,2),1:"F")

Q STRING

ORIFN(GMRC123) ;return ORIFN associated with give record in ^GMR(123,

; GMRC123 = ien of consult record in file 123

Q $P($G(^GMR(123,GMRC123,0)),U,3)

GETDT(PROMPT,DEFAULT) ;prompt and return FM date

;Input:

; PROMPT = text of prompt - DIR("A") (optional)

; DEFAULT = default date to prompt - DIR("B") (optional)

;

;Output:

; FM date/time if successfully answered, "^" if exit or timeout

N DIR,DIRUT,DIROUT,DTOUT,DUOUT,X,Y

S DIR(0)="DA^::EPT"

S DIR("?")="Enter the date/time the activity took place."

S DIR("A")=$S($D(PROMPT):PROMPT\_" ",1:"Actual Date/Time of Activity: ")

S DIR("B")=$S($D(DEFAULT):DEFAULT,1:"NOW")

D ^DIR

I $D(DUOUT)!($D(DTOUT)) S Y="^"

Q Y

;

DCPRNT(IEN,USER) ;reprint SF-513 on DC?

N SERV,REPR

S SERV=$P(^GMR(123,IEN,0),U,5) I 'SERV Q 0

S REPR=$P($G(^GMR(123.5,SERV,1)),U,5)

I 'REPR Q 1

I REPR=2 Q 0

I REPR=1,'$$VALID^GMRCAU(SERV,IEN,USER) Q 1

Q 0

;

PREREQ(GMRCARR,GMRCSRV,GMRCDFN,UNRESOLV) ; return service pre-requisite

; pre-requisite stored in 125 nodes in file 123.5 or 123.3

; GMRCARR = array to return containing pre-requisite

; GMRCSRV = ref to file 123.5 (ien;99CON) or 123.3 (ien;99PRC)

; GMRCDFN = patient identifier if to return resolved

; UNRESOLV = 1 or 0 ; if UNRESOLV=1 GMRCARR will be returned unresolved

Q:'+GMRCSRV

N GMRCFIL

S GMRCFIL=$S(GMRCSRV["99PRC":123.3,1:123.5)

Q:'$D(^GMR(GMRCFIL,+GMRCSRV,125))

I '$D(GMRCDFN)!($G(UNRESOLV)) D Q

. M @GMRCARR=^GMR(GMRCFIL,+GMRCSRV,125)

D BLRPLT^TIUSRVD(,,GMRCDFN,,$NA(^GMR(GMRCFIL,+GMRCSRV,125)))

I $D(^TMP("TIUBOIL",$J)) M @GMRCARR=^TMP("TIUBOIL",$J)

K ^TMP("TIUBOIL",$J)

Q

;

LOCKREC(GMRCDA) ;attempt to lock a consult record using order or record

; Input:

; GMRCDA = ien of consult record from file 123

;

; Output:

; 1 or 0^reason can't be locked

; 1 = successfully locked

; 0 = couldn't be locked

N GMRCORD,GMRCMSG

S GMRCORD=$P($G(^GMR(123,GMRCDA,0)),U,3)

I $G(GMRCORD) D ;an order associated

. S GMRCMSG=$$LOCK1^ORX2(GMRCORD)

. ; GMRCMSG=1 if locked or 0 if couldn't be locked

I $L($G(GMRCMSG)) Q GMRCMSG

; no order = Inter-facility Consult so lock consult record

L +^GMR(123,GMRCDA):5

I '$T Q "0^Another user is editing this record" ; couldn't lock it

Q 1

;

UNLKREC(GMRCDA) ;unlock a consult record

; Input:

; GMRCDA = ien of consult record from file 123

;

N GMRCORD

S GMRCORD=$P($G(^GMR(123,GMRCDA,0)),U,3)

I $G(GMRCORD) D Q

. D UNLK1^ORX2(GMRCORD)

L -^GMR(123,GMRCDA)

Q

**After:**

GMRCUTL1 ;SLC/DCM,JFR,MA - General Utilities ;01/20/2017 15:23

;;3.0;CONSULT/REQUEST TRACKING;\*\*1,4,12,15,21,17,28,89\*\*;DEC 27, 1997;Build 16

;Added call to GMRCZUTL for secondary printer

; This routine invokes IA #2876,3121

; Patch #21 added variable GMRCAUDT and moved line tag PRNTAUDT

; to GMRCP5A.

;

ACTM ;;Set correct variables to complete, discontinue, etc. a consult

K GMRCQUT

S:'+$G(GMRCA) GMRCA=$O(^GMR(123.1,"B",GMRCACTM,""))

S GMRCACTM=$P($G(^GMR(123.1,+GMRCA,0)),"^")

S ORSTS=$S(GMRCA:$P(^GMR(123.1,GMRCA,0),"^",2),1:0)

I 'GMRCA S GMRCQUT=1

Q

PRNT(SRVCIFN,GMRCO) ;print form 513 to a printer when new consult is entered

D PRNT^GMRCZUTL(SRVCIFN,GMRCO) ;89 call for secondary copy

N ORVP,GMRCDEV,GMRCQUED,IOP,%ZIS,POP,ZTDTH,ZTDESC,ZTIO,ZTRTN,ZTSK,GMRCAUDT

I '$G(SRVCIFN) S SRVCIFN=+$P(^GMR(123,GMRCO,0),U,5)

Q:'$D(^GMR(123.5,SRVCIFN,123)) Q:'$P(^GMR(123.5,SRVCIFN,123),"^",9)

S IOP="`"\_$P(^GMR(123.5,SRVCIFN,123),"^",9)

S %ZIS="N" D ^%ZIS I POP S %ZIS=0 D HOME^%ZIS Q

S GMRCDEV=ION,GMRCQUED=1,GMRCAUDT=1

S ZTRTN="PRNT^GMRCP5A("\_(+GMRCO)\_","\_(+$G(TIUFLG))\_",1,"""\_$G(GMRCCPY,"W")\_""",0,"\_(GMRCAUDT)\_")"

S ZTDESC="CONSULT/REQUEST PACKAGE PRINT FORM 513 FOR NEW CONSULT"

S ZTIO=GMRCDEV,ZTDTH=$H

D ^%ZTLOAD

S %ZIS=0 D HOME^%ZIS

K GMRCQUED,GMRCDEV1

Q

END K GMRCDEV,GMRCDEV1,GMRCOREC,GMRCFMT

Q

PROVDX(OI) ;return PROV DX prompting info from 123.5

; Input:

; OI = ref to file 123.5("#;99CON") or file 123.3 (#;99PRC)

;

; Returns: string A^B

; A = O (optional), R (required) or S (suppress)

; B = F (free-text) or L (lexicon)

;

N GMRCFIL

Q:'+$G(OI) "^"

S GMRCFIL=$S(OI["99PRC":123.3,1:123.5)

Q:'$D(^GMR(GMRCFIL,+OI)) "^"

N STRING,NODE

I GMRCFIL=123.3 S NODE=$P(^GMR(123.3,+OI,0),U,7,8)

I GMRCFIL=123.5 S NODE=$P($G(^GMR(123.5,+OI,1)),U,1,2)

I NODE="" Q "O^F" ;values not set

S $P(STRING,U)=$S($L($P(NODE,U)):$P(NODE,U),1:"O")

S $P(STRING,U,2)=$S($L($P(NODE,U,2)):$P(NODE,U,2),1:"F")

Q STRING

ORIFN(GMRC123) ;return ORIFN associated with give record in ^GMR(123,

; GMRC123 = ien of consult record in file 123

Q $P($G(^GMR(123,GMRC123,0)),U,3)

GETDT(PROMPT,DEFAULT) ;prompt and return FM date

;Input:

; PROMPT = text of prompt - DIR("A") (optional)

; DEFAULT = default date to prompt - DIR("B") (optional)

;

;Output:

; FM date/time if successfully answered, "^" if exit or timeout

N DIR,DIRUT,DIROUT,DTOUT,DUOUT,X,Y

S DIR(0)="DA^::EPT"

S DIR("?")="Enter the date/time the activity took place."

S DIR("A")=$S($D(PROMPT):PROMPT\_" ",1:"Actual Date/Time of Activity: ")

S DIR("B")=$S($D(DEFAULT):DEFAULT,1:"NOW")

D ^DIR

I $D(DUOUT)!($D(DTOUT)) S Y="^"

Q Y

;

DCPRNT(IEN,USER) ;reprint SF-513 on DC?

N SERV,REPR

S SERV=$P(^GMR(123,IEN,0),U,5) I 'SERV Q 0

S REPR=$P($G(^GMR(123.5,SERV,1)),U,5)

I 'REPR Q 1

I REPR=2 Q 0

I REPR=1,'$$VALID^GMRCAU(SERV,IEN,USER) Q 1

Q 0

;

PREREQ(GMRCARR,GMRCSRV,GMRCDFN,UNRESOLV) ; return service pre-requisite

; pre-requisite stored in 125 nodes in file 123.5 or 123.3

; GMRCARR = array to return containing pre-requisite

; GMRCSRV = ref to file 123.5 (ien;99CON) or 123.3 (ien;99PRC)

; GMRCDFN = patient identifier if to return resolved

; UNRESOLV = 1 or 0 ; if UNRESOLV=1 GMRCARR will be returned unresolved

Q:'+GMRCSRV

N GMRCFIL

S GMRCFIL=$S(GMRCSRV["99PRC":123.3,1:123.5)

Q:'$D(^GMR(GMRCFIL,+GMRCSRV,125))

I '$D(GMRCDFN)!($G(UNRESOLV)) D Q

. M @GMRCARR=^GMR(GMRCFIL,+GMRCSRV,125)

D BLRPLT^TIUSRVD(,,GMRCDFN,,$NA(^GMR(GMRCFIL,+GMRCSRV,125)))

I $D(^TMP("TIUBOIL",$J)) M @GMRCARR=^TMP("TIUBOIL",$J)

K ^TMP("TIUBOIL",$J)

Q

;

LOCKREC(GMRCDA) ;attempt to lock a consult record using order or record

; Input:

; GMRCDA = ien of consult record from file 123

;

; Output:

; 1 or 0^reason can't be locked

; 1 = successfully locked

; 0 = couldn't be locked

N GMRCORD,GMRCMSG

S GMRCORD=$P($G(^GMR(123,GMRCDA,0)),U,3)

I $G(GMRCORD) D ;an order associated

. S GMRCMSG=$$LOCK1^ORX2(GMRCORD)

. ; GMRCMSG=1 if locked or 0 if couldn't be locked

I $L($G(GMRCMSG)) Q GMRCMSG

; no order = Inter-facility Consult so lock consult record

L +^GMR(123,GMRCDA):5

I '$T Q "0^Another user is editing this record" ; couldn't lock it

Q 1

;

UNLKREC(GMRCDA) ;unlock a consult record

; Input:

; GMRCDA = ien of consult record from file 123

;

N GMRCORD

S GMRCORD=$P($G(^GMR(123,GMRCDA,0)),U,3)

I $G(GMRCORD) D Q

. D UNLK1^ORX2(GMRCORD)

L -^GMR(123,GMRCDA)

Q

**GMRCCA (New)**

GMRCCA ;SFVAMC/DAD - Consult Closure Tool: Report Prompting ;01/20/17 15:19

;;3.0;CONSULT/REQUEST TRACKING;\*\*89\*\*;DEC 27, 1997;Build 16

;Consult Closure Tool ;

; IA# Usage Component

; ---------------------------

; 4836 Private ^DIC(40.7

; 510 Controlled ^DISV(

; 1519 Supported EN^XUTMDEVQ

; 2056 Supported $$GET1^DIQ

; 2608 Supported $$TEST^DDBRT

; 10024 Supported WAIT^DICD

; 10026 Supported ^DIR

; 10063 Supported ^%ZTLOAD

; 10103 Supported $$DT^XLFDT

; 10104 Supported $$TRIM^XLFSTR

; 10150 Supported HLP^DDSUTL

;

EN ;

; \*\*\* Interactive entry point

N GM0CFG,GMAPPT,GMDLIM,GMHEAD,GMAUTO,GMNOTE,GMOKAY

N GMOPUT,GMTBEG,GMTEAM,GMTEXT,GMTEND,GMXLAT

N DIR,DIROUT,DIRUT,DTOUT,DUOUT

N X,Y,ZTCPU,ZTDESC,ZTDTH,ZTIO,ZTKIL

N ZTPRI,ZTRTN,ZTSAVE,ZTSK,ZTSYNC,ZTUCI

S GMAUTO=0 ; 0-disable/1-enable consult auto update (\*\*\*DO NOT ENABLE\*\*\*)

;

D PATCH^GMRCCX(.GMOKAY)

I GMOKAY'>0 G EXIT

;

K DIR

S DIR(0)="POAr^123.033:AEMNQZ"

S DIR("A")="Select CONSULT CONFIGURATION: "

S GM0CFG=$G(^DISV(DUZ,$$GLOBROOT^GMRCCD(123.033)))

I $$CHKCFG(+GM0CFG,1)>0 D

. S DIR("B")=$$GET1^DIQ(123.033,+GM0CFG,.01)

. Q

S DIR("S")="I $$CHKCFG^GMRCCA(+Y,1)>0"

W ! D ^DIR S GM0CFG=+$G(Y)

I $$DIREXIT>0 G EXIT

;

S GMHEAD="Select a consult date range"

D LASTMNTH^GMRCCY($$DT^XLFDT,.GMTBEG,.GMTEND)

W ! I $$EN^GMRCCY(.GMTBEG,.GMTEND,GMHEAD,"U")'>0 G EXIT

;

K DIR

S DIR(0)="SOA^1:Seen in clinic;0:Not seen in clinic;"

S DIR("A",1)="Select an appointment status for the report"

S DIR("A",2)=" "

S DIR("A",3)=" 1 - Seen in clinic"

S DIR("A",4)=" 0 - Not seen in clinic"

S DIR("A",5)=" "

S DIR("A")="Select APPOINTMENT STATUS: "

S DIR("B")=1

W ! D ^DIR S GMAPPT=+$G(Y)

I $$DIREXIT>0 G EXIT

;

K DIR

S DIR(0)="SOA^1:Has a note;0:Does not have a note;"

S DIR("A",1)="Select a note status for the report"

S DIR("A",2)=" "

S DIR("A",3)=" 1 - Has a note"

S DIR("A",4)=" 0 - Does not have a note"

S DIR("A",5)=" "

S DIR("A")="Select NOTE STATUS: "

S DIR("B")=1

W ! D ^DIR S GMNOTE=+$G(Y)

I $$DIREXIT>0 G EXIT

;

S GMOPUT=0,GMXLAT=""

I GMNOTE>0 D G:$$DIREXIT>0 EXIT

. K DIR

. S DIR(0)="YAO"

. S DIR("A")="Interactive consult update: "

. S DIR("B")="Yes"

. W ! D ^DIR S GMOPUT=+$G(Y)

. S GMXLAT="1^I"

. I GMOPUT>0 I $$TEST^DDBRT'>0 D

.. K GMTEXT

.. S GMTEXT(1)="\*\*\* The VA FileMan browser is not supported by your terminal type \*\*\*"

.. S GMTEXT(2)="\*\*\* You cannot use the interactive consult update on this terminal \*\*\*"

.. S GMTEXT="\*\*\* You may print the consult report and/or update the CPRS team \*\*\*"

.. D HANGMSG^GMRCCD(.GMTEXT,3,1)

.. S GMOPUT=0,GMXLAT=""

.. Q

. Q

;

I GMOPUT'>0 D G:$$DIREXIT>0 EXIT

. S GMTEAM=$$ISTM^GMRCCD(GM0CFG)

. K DIR

. S DIR(0)="LOA^1:1:0"

. S DIR("A")="Select OUTPUT TYPE: "

. S DIR("A",1)="Select the output type for the report"

. S DIR("A",2)=" "

. S DIR("A",3)=" 1 - Print report"

. S DIR("B")="1"

. S GMXLAT="1^P"

. I GMTEAM>0 D

.. S DIR(0)="LOA^1:2:0"

.. S DIR("A",4)=" 2 - Team update"

.. S DIR("B")="1,2"

.. S GMXLAT="12^PT"

.. Q

. I (GMAUTO>0)&(GMNOTE>0) D

.. S DIR(0)="LOA^1:2:0"

.. S DIR("A",4)=" 2 - Consult update"

.. S DIR("B")="1,2"

.. S GMXLAT="12^PC"

.. Q

. I (GMAUTO>0)&(GMTEAM>0)&(GMNOTE>0) D

.. S DIR(0)="LOA^1:3:0"

.. S DIR("A",4)=" 2 - Team update"

.. S DIR("A",5)=" 3 - Consult update"

.. S DIR("B")="1-3"

.. S GMXLAT="123^PTC"

.. Q

. S DIR("A",1+$O(DIR("A",1E25),-1))=" "

. W ! D ^DIR S GMOPUT=$G(Y)

. Q

S GMOPUT=$$TRIM^XLFSTR(GMOPUT,"LR",",")

S GMOPUT=$TR(GMOPUT,$P(GMXLAT,U,1),$P(GMXLAT,U,2))

;

I GMOPUT["P" D G:$$DIREXIT>0 EXIT

. K DIR

. S DIR(0)="YOA"

. S DIR("A")="Delimited output: "

. S DIR("B")="No"

. W ! D ^DIR S GMDLIM=+$G(Y)

. Q

E D

. S GMDLIM=0

. Q

;

W !

S ZTRTN="TASK^GMRCCA("\_GMTBEG\_","\_GMTEND\_","

S ZTRTN=ZTRTN\_GM0CFG\_","\_GMAPPT\_","\_GMNOTE\_","""

S ZTRTN=ZTRTN\_GMOPUT\_""","\_GMDLIM\_")"

S ZTDESC="Consult Closure Tool"

I GMOPUT["P" D

. W !,"This report requires a 132 column output device"

. D EN^XUTMDEVQ(ZTRTN,ZTDESC,.ZTSAVE,"MQ",1)

. Q

E D

. I GMOPUT["I" D

.. W !,"Searching for patient consults / appointments / notes",!

.. D WAIT^DICD

.. D @ZTRTN

.. Q

. E D

.. S ZTIO=""

.. D ^%ZTLOAD

.. Q

. Q

I $G(ZTSK)>0 W !,"Task #",ZTSK

;

EXIT ;

; \*\*\* Common exit point

Q

;

TASK(GMTBEG,GMTEND,GM0CFG,GMAPPT,GMNOTE,GMOPUT,GMDLIM) ;

; \*\*\* TaskMan entry point

N GMROOT

S GMROOT=$NA(^TMP($T(+0),$J))

K @GMROOT

D GETDATA^GMRCCB(GMROOT,GMTBEG,GMTEND,GM0CFG,GMAPPT,GMNOTE,GMOPUT,GMDLIM)

I GMOPUT["C" D

. D CONSUPDT^GMRCCC(GMROOT)

. Q

I GMOPUT["T" D

. D MAKETEAM^GMRCCC(GMROOT,GM0CFG)

. Q

I GMOPUT["P" D

. D PRNTDATA^GMRCCC(GMROOT,GMTBEG,GMTEND,GM0CFG,GMAPPT,GMNOTE,GMDLIM)

. Q

I GMOPUT["I" D

. D INTERACT^GMRCCD(GMROOT)

. Q

K @GMROOT

Q

;

CHKCFG(GM0CFG,GMINAC) ;

; \*\*\* Screen for valid consult configuration

N GMDATA,GMOKAY

S GMOKAY=1

I (GMINAC>0)&($$GET1^DIQ(123.033,GM0CFG,.02,"I")>0) S GMOKAY=0

I $$GET1^DIQ(123.033,GM0CFG,.04)'>0 S GMOKAY=0

I $$GET1^DIQ(123.033,GM0CFG,.05)'>0 S GMOKAY=0

S GMDATA("STOP")=($$GET1^DIQ(123.033,GM0CFG,.06,"I")'>0)

F GMDATA="CLIN","CLPR","CONP","CONS","NOTE","PROT" D

. S GMDATA(GMDATA)=($O(^GMR(123.033,GM0CFG,GMDATA,0))'>0)

. Q

I (GMDATA("CLPR"))&(GMDATA("CONP"))&(GMDATA("CONS"))&(GMDATA("PROT")) S

GMOKAY=0

I (GMDATA("CLIN"))&(GMDATA("STOP")) S GMOKAY=0

I GMDATA("NOTE") S GMOKAY=0

Q GMOKAY

;

DIREXIT() ;

; \*\*\* DIR exit status

Q $D(DIROUT)!$D(DIRUT)!$D(DTOUT)!$D(DUOUT)

;

POSTSAVE(GM0CFG) ;

; \*\*\* Post-save code for config editor

N GMTEXT

I $$CHKCFG(+GM0CFG,0)'>0 D

. S GMTEXT(1)="\* \* \* The consult configuration is incomplete, requireddata is missing. \* \* \*"

. S GMTEXT(2)="\* \* \* You must enter a Config Name, Days Cons->Appt, Days Appt->Note, \* \* \*"

. S GMTEXT(3)="\* \* \* at least one type of Consult (Service, Procedure,etc.), at least \* \* \*"

. S GMTEXT(4)="\* \* \* one Clinic and/or a Stop Code, and at least one Note Title. \* \* \*"

. S GMTEXT(5)="$$EOP"

. D HLP^DDSUTL(.GMTEXT)

. Q

Q

**GMRCCB (New)**

GMRCCB ;SFVAMC/DAD - Consult Closure Tool: Data Gathering ;01/20/17 15:19

;;3.0;CONSULT/REQUEST TRACKING;\*\*89\*\*;DEC 27, 1997;Build 16

;Consult Closure Tool ;

; IA# Usage Component

; ---------------------------

; 2699 PRIVATE ^TIU(89.25,D0,0

; 6742 Controlled Sub ^TIU(8925,"ADCPT",

; 2054 Supported $$OREF^DILF

; 2056 Supported $$GET1^DIQ

; 4433 Supported $$SDAPI^SDAMA301

; 4837 Private ^GMR(123,"E",

; 10103 Supported $$FMADD^XLFDT

; 10103 Supported $$NOW^XLFDT

; 10105 Supported $$MIN^XLFMTH

;

GETDATA(GMROOT,GMTBEG,GMTEND,GM0CFG,GMAPPT,GMNOTE,GMOPUT,GMDLIM) ;

; \*\*\* Get consults

N GM0CON,GM0DFN,GMCLPR,GMPROC,GMPROT,GMSERV,GMTCON

D CLINLIST^GMRCCD(GMROOT,GM0CFG)

S GMTCON=GMTBEG-.0000001

F S GMTCON=$O(^GMR(123,"E",GMTCON)) Q:(GMTCON'>0)!(GMTCON>(GMTEND+.24)) D

. S GM0CON=0

. F S GM0CON=$O(^GMR(123,"E",GMTCON,GM0CON)) Q:GM0CON'>0 D

.. I $$CONSCHEK(GM0CON,.GMSERV,.GMPROC,.GMPROT,.GMCLPR) D

... S GM0DFN=$$GET1^DIQ(123,GM0CON,.02,"I")

... I GM0DFN>0 D

.... D APPTCHEK(GMROOT,GM0CFG,GM0DFN,GM0CON,GMTCON,GMAPPT,GMNOTE,GMOPUT)

.... Q

... Q

.. Q

. Q

Q

;

CONSCHEK(GM0CON,GMSERV,GMPROC,GMPROT,GMCLPR) ;

; \*\*\* Consult active & part of config?

N GMFILE,GMGLOB

I $$CONSOKAY^GMRCCD(GM0CON)>0 D

. F GMFILE=101,123.3 D

.. S GMGLOB(GMFILE)=$$GLOBROOT^GMRCCD(GMFILE,";")

.. Q

. S GMSERV=$$GET1^DIQ(123,GM0CON,1,"I")

. S GMCLPR=$$GET1^DIQ(123,GM0CON,1.01,"I")

. S (GMPROC,GMPROT)=$$GET1^DIQ(123,GM0CON,4,"I")

. S GMPROC=$S(GMPROC[GMGLOB(123.3):GMPROC,1:"")

. S GMPROT=$S(GMPROT[GMGLOB(101):GMPROT,1:"")

. S GMCLPR(0)=''$D(^R1(123.033,GM0CFG,"CLPR","B",+GMCLPR))

. S GMSERV(0)=''$D(^R1(123.033,GM0CFG,"CONS","B",+GMSERV))

. S GMPROC(0)=''$D(^R1(123.033,GM0CFG,"CONP","B",+GMPROC))

. S GMPROT(0)=''$D(^R1(123.033,GM0CFG,"PROT","B",+GMPROT))

. S GMSERV=$S(GMSERV(0):$$GET1^DIQ(123,GM0CON,1),1:"")

. S GMCLPR=$S(GMCLPR(0):$$GET1^DIQ(123,GM0CON,1.01),1:"")

. S GMPROC=$S(GMPROC(0):$$GET1^DIQ(123,GM0CON,4),1:"")

. S GMPROT=$S(GMPROT(0):$$GET1^DIQ(123,GM0CON,4),1:"")

. Q

E D

. S (GMSERV,GMPROC,GMPROT,GMCLPR)=""

. S (GMSERV(0),GMPROC(0),GMPROT(0),GMCLPR(0))=0

. Q

Q (GMSERV(0)!GMPROC(0)!GMPROT(0)!GMCLPR(0))

;

APPTCHEK(GMROOT,GM0CFG,GM0DFN,GM0CON,GMTCON,GMAPPT,GMNOTE,GMOPUT) ;

; \*\*\* Check for appts

N GMTAPT

S GMTAPT=$$APPTLIST(GMROOT,GM0CFG,GM0DFN,GMTCON,GMAPPT)

; Only seen Pts

I GMAPPT>0 D

. ; Pt has been seen

. I GMTAPT>0 D

.. D NOTECHEK(GMROOT,GM0CFG,GM0DFN,GM0CON,GMTCON,GMTAPT,GMNOTE,GMOPUT)

.. Q

. Q

; Only unseen Pts

E D

. ; Pt has NOT been seen

. I (GMTAPT'>0)!($$UNSEEN^GMRCCD($P(GMTAPT,U,4))>0) D

.. D NOTECHEK(GMROOT,GM0CFG,GM0DFN,GM0CON,GMTCON,GMTAPT,GMNOTE,GMOPUT)

.. Q

. Q

Q

;

NOTECHEK(GMROOT,GM0CFG,GM0DFN,GM0CON,GMTCON,GMTAPT,GMNOTE,GMOPUT) ;

; \*\*\* Check for notes

N GMTNOT

K @GMROOT@("NOTE-LIST")

S GMTNOT=$$NOTELIST(GMROOT,GM0CFG,GM0DFN,+GMTAPT,+GMTCON,GMOPUT)

; Only Pts with notes

I GMNOTE>0 D

. ; Pt has note

. I GMTNOT>0 D

.. D SETDATA(GMROOT,GM0DFN,GM0CON,GMTAPT,GMTNOT,GMOPUT)

.. Q

. Q

; Only Pts without notes

E D

. ; Pt does NOT have note

. I GMTNOT'>0 D

.. I $O(@GMROOT@("NOTE-LIST",0))'>0 S @GMROOT@("NOTE-LIST",1)="^^\*NO NOTE\*" ; GMRCC\*2.1\*1

.. D SETDATA(GMROOT,GM0DFN,GM0CON,GMTAPT,GMTNOT,GMOPUT)

.. Q

. Q

K @GMROOT@("NOTE-LIST")

Q

;

APPTLIST(GMROOT,GM0CFG,GM0DFN,GMTCON,GMAPPT) ;

; \*\*\* Get Pt's appts

; $$APPTLIST() = ApptDate ^ ClinIEN ^ ClinName ^ ApptStatInt ^ ApptStatExt

N GMCLIN,GMDATA,GMDATE,GMDAYS,GMFRST,GMLAST

N GMLIST,GMSDAM,GMSTAT,GMTAPT,GMVSIT

S GMDAYS=$$GET1^DIQ(123.033,GM0CFG,.04)

S GMLAST=$$FMADD^XLFDT(GMTCON,GMDAYS,0,0,0)

S GMLAST=$$MIN^XLFMTH(GMLAST,$$NOW^XLFDT)

S GMSDAM("FLDS")="1;2;3"

S GMSDAM("SORT")="P"

S GMSDAM(1)=GMTCON\_";"\_GMLAST

S GMSDAM(2)=$$OREF^DILF($NA(@GMROOT@("XREF-CLIN")))

S GMSDAM(4)=GM0DFN

S GMLIST=$NA(^TMP($J,"SDAMA301"))

K @GMLIST

S GMVSIT=""

I $$SDAPI^SDAMA301(.GMSDAM)'=-1 D

. S GMTAPT=0,GMFRST=""

. F S GMTAPT=$O(@GMLIST@(GM0DFN,GMTAPT)) Q:(GMTAPT'>0)!(GMVSIT>0) D

.. S GMDATA=$G(@GMLIST@(GM0DFN,GMTAPT))

.. S GMCLIN=$P($P(GMDATA,U,2),";",1)

.. S GMSTAT=$P($P(GMDATA,U,3),";",1)

.. I (GMTAPT>0)&(GMCLIN>0) D

... ; Appt already used?

... I '$D(@GMROOT@("XREF-APPT",GM0DFN,+GMCLIN,GMTAPT)) D

.... ; Save first cancelled/no-show appt

.... I (GMFRST="")&($$UNSEEN^GMRCCD(GMSTAT)>0) S GMFRST=GMDATA

.... ; Appt kept?

.... I $$SEEN^GMRCCD(GMSTAT)>0 D

..... ; Mark appt used

..... S @GMROOT@("XREF-APPT",GM0DFN,+GMCLIN,+GMTAPT)=""

..... S GMVSIT=GMDATA

..... Q

.... Q

... Q

.. Q

. ; (No kept appt found) & (cancelled/no-show appt found)

. I (GMVSIT'>0)&(GMFRST]"")&(GMAPPT'>0) D

.. S GMTAPT=$P(GMFRST,U,1)

.. S GMCLIN=$P(GMFRST,U,2)

.. ; Mark appt used

.. S @GMROOT@("XREF-APPT",GM0DFN,+GMCLIN,+GMTAPT)=""

.. S GMVSIT=GMFRST

.. Q

. Q

K @GMLIST

S GMDATE=$P(GMVSIT,U,1)

S GMCLIN("I")=$P($P(GMVSIT,U,2),";",1)

S GMCLIN("E")=$P($P(GMVSIT,U,2),";",2)

S GMSTAT("I")=$P($P(GMVSIT,U,3),";",1)

S GMSTAT("E")=$P($P(GMVSIT,U,3),";",2)

S GMVSIT=GMDATE\_U\_GMCLIN("I")\_U\_GMCLIN("E")\_U

S GMVSIT=GMVSIT\_GMSTAT("I")\_U\_GMSTAT("E")

Q GMVSIT

;

NOTELIST(GMROOT,GM0CFG,GM0DFN,GMTAPT,GMTCON,GMOPUT) ;

; \*\*\* Get Pt's notes

; $$NOTELIST() = RefDate ^ TitleIEN ^ TitleName ^ NoteIEN

N GM0NOT,GMCLAS,GMDATA,GMDATE,GMDAYS,GMINDX

N GMTFIN,GMSTAT,GMTITL,GMTNOT,GM0TTL

S GMDATE=$S(GMTAPT>0:GMTAPT,1:GMTCON)

S GMDAYS=$$GET1^DIQ(123.033,GM0CFG,$S(GMTAPT>0:.05,1:.04))

S GMTFIN=9999999-$$FMADD^XLFDT(GMDATE\1,GMDAYS,0,0,0)

D NOTESTAT^GMRCCD(.GMSTAT)

S (GMCLAS,GMTITL)=0

F S GMCLAS=$O(^TIU(8925,"ADCPT",GM0DFN,GMCLAS)) Q:$$NOTEQUIT(GMCLAS,GMTITL,GMOPUT) D

. S GMSTAT=0

. F S GMSTAT=$O(GMSTAT(GMSTAT)) Q:$$NOTEQUIT(GMSTAT,GMTITL,GMOPUT) D

.. S GMTNOT=9999999-(GMDATE\1)

.. F S GMTNOT=$O(^TIU(8925,"ADCPT",GM0DFN,GMCLAS,GMSTAT,GMTNOT),-1) Q:$$NOTEQUIT(GMTNOT,GMTITL,GMOPUT)!(GMTNOT<GMTFIN) D

... S GM0NOT=0

... F S GM0NOT=$O(^TIU(8925,"ADCPT",GM0DFN,GMCLAS,GMSTAT,GMTNOT,GM0NOT)) Q:$$NOTEQUIT(GM0NOT,GMTITL,GMOPUT) D

.... ; Note part of config?

.... S GM0TTL=$$GET1^DIQ(8925,GM0NOT,.01,"I")

.... I $D(^R1(123.033,GM0CFG,"NOTE","B",+GM0TTL)) D

..... S GMDATA=$$GET1^DIQ(8925,GM0NOT,1301,"I")

..... S GMDATA=GMDATA\_U\_$$GET1^DIQ(8925,GM0NOT,.01,"I")

..... S GMDATA=GMDATA\_U\_$$GET1^DIQ(8925,GM0NOT,.01)

..... S GMDATA=GMDATA\_U\_GM0NOT

..... I ((GMOPUT["I")!(GMOPUT["P"))&(GMOPUT'["C") D

...... S GMINDX=1+$O(@GMROOT@("NOTE-LIST",1E25),-1)

...... S @GMROOT@("NOTE-LIST",GMINDX)=GMDATA

...... Q

..... ; Note already used?

..... I '$D(@GMROOT@("XREF-NOTE",GM0DFN,GM0NOT)) D

...... ; Mark note used

...... S @GMROOT@("XREF-NOTE",GM0DFN,GM0NOT)=""

...... S GMTITL=GMDATA

...... Q

..... Q

.... Q

... Q

.. Q

. Q

Q GMTITL

;

NOTEQUIT(GMORDR,GMTITL,GMOPUT) ;

; \*\*\* Stop note search?

Q $S(GMORDR'>0:1,GMOPUT["I":0,1:''GMTITL)

;

SETDATA(GMROOT,GM0DFN,GM0CON,GMADAT,GMNDAT,GMOPUT) ;

; \*\*\* Save report data

N GMCLIN,GMCLPR,GMCNAM,GMDATA,GMINDX,GMNAME

N GMNOTE,GMPROC,GMPROT,GMSERV,GMSSN,GMSTAT

N GMTAPT,GMTCON,GMTNOT

S GMTCON=$$GET1^DIQ(123,GM0CON,3,"I")

S GMCNAM="\*NO CONSULT\*"

I $$CONSCHEK(GM0CON,.GMSERV,.GMPROC,.GMPROT,.GMCLPR) D

. I GMCLPR(0) S GMCNAM=GMCLPR

. I GMPROT(0) S GMCNAM=GMPROT

. I GMPROC(0) S GMCNAM=GMPROC

. I GMSERV(0) S GMCNAM=GMSERV

. Q

S GMCNAM=GMCNAM\_U\_(+GM0CON)

;

S GMNAME=$$GET1^DIQ(2,GM0DFN,.01)

S GMNAME=$S(GMNAME]"":GMNAME,1:"\*NO PATIENT\*")

S GMNAME=GMNAME\_U\_(+GM0DFN)

S GMSSN=$$GET1^DIQ(2,GM0DFN,.09)

;

S GMCLIN=$P(GMADAT,U,3)

S GMCLIN=$S(GMCLIN]"":GMCLIN,1:"\*NO CLINIC\*")

S GMCLIN=GMCLIN\_U\_(+$P(GMADAT,U,2))

S GMTAPT=$P(GMADAT,U,1)

S GMSTAT("I")=$P(GMADAT,U,4)

S GMSTAT("E")=$P(GMADAT,U,5)

;

S GMNOTE=$P(GMNDAT,U,3)

S GMNOTE=$S(GMNOTE]"":GMNOTE,1:"\*NO NOTE\*")

S GMNOTE=GMNOTE\_U\_(+$P(GMNDAT,U,2))\_U\_(+$P(GMNDAT,U,4))

S GMTNOT=$P(GMNDAT,U,1)

;

S GMDATA=GMSSN\_U\_GMTCON\_U\_GMTAPT\_U

S GMDATA=GMDATA\_GMSTAT("I")\_U\_GMSTAT("E")\_U

S GMDATA=GMDATA\_GMTNOT\_U\_GM0CON\_U\_(+$P(GMNDAT,U,4))\_U

S GMDATA=GMDATA\_"0"\_U\_""

;

; Data = SSN ^ ConsultDate ^ ApptDate ^ ApptStatusInt ^ ApptStatusExt ^

; NoteDate ^ ConsultIEN ^ NoteIEN ^ ConsultUpdated ^ ConsultUpdateMsg

;

I ((GMOPUT["I")!(GMOPUT["P"))&(GMOPUT'["C") D

. S GMINDX=0

. F S GMINDX=$O(@GMROOT@("NOTE-LIST",GMINDX)) Q:GMINDX'>0 D

.. S GMNOTE=$G(@GMROOT@("NOTE-LIST",GMINDX))

.. S $P(GMDATA,U,6)=$P(GMNOTE,U,1)

.. S $P(GMDATA,U,8)=$P(GMNOTE,U,4)

.. S GMNOTE=$P(GMNOTE,U,3)\_U\_$P(GMNOTE,U,2)\_U\_$P(GMNOTE,U,4)

.. I GMOPUT["I" D

... ; Root("DATA", PtName ^ PtIEN, Consult ^ ConsultIEN,

... ; Title ^ TitleIEN ^ NoteIEN) = Data

... S @GMROOT@("DATA",GMNAME,GMCNAM,GMNOTE)=GMDATA

... Q

.. E D

... ; Root("DATA", Consult ^ ConsultIEN, Clin ^ ClinIEN,

... ; PtName ^ PtIEN, Title ^ TitleIEN ^ NoteIEN) = Data

... S @GMROOT@("DATA",GMCNAM,GMCLIN,GMNAME,GMNOTE)=GMDATA

... Q

.. Q

. Q

E D

. ; Root("DATA", Consult ^ ConsultIEN, Clin ^ ClinIEN,

. ; Title ^ TitleIEN ^ NoteIEN, PtName ^ PtIEN) = Data

. S @GMROOT@("DATA",GMCNAM,GMCLIN,GMNOTE,GMNAME)=GMDATA

. Q

S @GMROOT@("XREF-DFN",GM0DFN)=""

Q

**GMRCCC (New)**

GMRCCC ;SFVAMC/DAD - Consult Closure Tool: Output Data ;01/20/17 15:19

;;3.0;CONSULT/REQUEST TRACKING;\*\*89\*\*;DEC 27, 1997;Build 16

;Consult Closure Tool

; IA# Usage Component

; ---------------------------

; 2699 Private ^TIU(8925,D0,0

; 3005 Controled ^OR(100.21

; 2051 Supported $$FIND1^DIC

; 2051 Supported LIST^DIC

; 2053 Supported UPDATE^DIE

; 2054 Supported CLEAN^DILF

; 2056 Supported $$GET1^DIQ

; 2980 Controlled $$SFILE^GMRCGUIB

; 3473 Private GET^GMRCTIU

; 10026 Supported ^DIR

; 10081 Supported SETUP^XQALERT

; 10089 Supported ^%ZISC

; 10103 Supported $$DT^XLFDT

; 10103 Supported $$FMTE^XLFDT

; 10103 Supported $$NOW^XLFDT

;

PRNTDATA(GMROOT,GMTBEG,GMTEND,GM0CFG,GMAPPT,GMNOTE,GMDLIM) ;

; \*\*\* Print the data

N GMCLIN,GMCONS,GMEXIT,GMNAME,GMPAGE,GMTITL

U IO

S (GMEXIT,GMPAGE)=0

D HEADER(.GMPAGE,GMTBEG,GMTEND,GM0CFG,GMAPPT,GMNOTE,GMDLIM)

S GMCONS=""

I $O(@GMROOT@("DATA",GMCONS))="" D

. D WRITE("!!","\*\*\* No data found \*\*\*",21,GMDLIM)

. Q

F S GMCONS=$O(@GMROOT@("DATA",GMCONS)) Q:GMCONS=""!GMEXIT D

. S GMCLIN=""

. F S GMCLIN=$O(@GMROOT@("DATA",GMCONS,GMCLIN)) Q:GMCLIN=""!GMEXIT D

.. S GMNAME=""

.. F S GMNAME=$O(@GMROOT@("DATA",GMCONS,GMCLIN,GMNAME)) Q:GMNAME=""!GMEXIT D

... S GMTITL=""

... F S GMTITL=$O(@GMROOT@("DATA",GMCONS,GMCLIN,GMNAME,GMTITL)) Q:GMTITL=""!GMEXIT D

.... D PRINT(GMROOT,GMCONS,GMCLIN,GMTITL,GMNAME,GMDLIM)

.... D PAUSE(.GMEXIT,.GMPAGE,GMTBEG,GMTEND,GM0CFG,GMAPPT,GMNOTE,GMDLIM)

.... Q

... Q

.. Q

. Q

D ^%ZISC

Q

;

PRINT(GMROOT,GMCONS,GMCLIN,GMTITL,GMNAME,GMDLIM) ;

; \*\*\* Print one record

; Array("DATA", Consult^IEN, Clinic^IEN, Note^IEN, Patient^IEN) =

; SSN ^ ConsultDate ^ ApptDate ^ ApptStatusInt ^ ApptStatusExt ^ NoteDate

N GMDATA

S GMDATA=$G(@GMROOT@("DATA",GMCONS,GMCLIN,GMNAME,GMTITL))

D WRITE("!!",$P(GMNAME,U,1),30,GMDLIM) ; Pt Name

D WRITE("?34",$P(GMDATA,U,1),10,GMDLIM) ; SSN

D WRITE("?48",$P(GMCONS,U,1),63,GMDLIM) ; Consult Title

D WRITE("?115",$$DATE($P(GMDATA,U,2),"2MZ"),14,GMDLIM) ; Consult Date

D WRITE("!",$P(GMCLIN,U,1),30,GMDLIM) ; Appt Clinic

D WRITE("?34",$$DATE($P(GMDATA,U,3),"2MZ"),14,GMDLIM) ; Appt Date

D WRITE("?65",$P(GMDATA,U,5),33,GMDLIM) ; Appt Status

D WRITE("!",$P(GMTITL,U,1),60,GMDLIM) ; Note Title

D WRITE("?65",$$DATE($P(GMDATA,U,6),"2MZ"),14,GMDLIM) ; Note Date

D WRITE("?115",$$BOOL($P(GMDATA,U,9)),3,GMDLIM) ; Consult Updated

W:GMDLIM>0 !

Q

;

DATE(GMDATE,GMFORM) ;

; \*\*\* Format dates

Q $S(GMDATE>0:$$FMTE^XLFDT(GMDATE,GMFORM),1:"")

;

BOOL(GMBOOL) ;

; \*\*\* Format boolean

Q $S(''GMBOOL:"Yes",1:"No")

;

PAUSE(GMEXIT,GMPAGE,GMTBEG,GMTEND,GM0CFG,GMAPPT,GMNOTE,GMDLIM) ;

; \*\*\* Pause at end of page

N DIR,DIROUT,DIRUT,DTOUT,DUOUT,X,Y

I (GMDLIM'>0)&($Y>(IOSL-5)) D

. I $E(IOST,1,2)="C-" K DIR S DIR(0)="E" D ^DIR S GMEXIT='$G(Y)

. I GMEXIT'>0 D HEADER(.GMPAGE,GMTBEG,GMTEND,GM0CFG,GMAPPT,GMNOTE,GMDLIM)

. Q

Q

;

HEADER(GMPAGE,GMTBEG,GMTEND,GM0CFG,GMAPPT,GMNOTE,GMDLIM) ;

; \*\*\* Page header

S GMPAGE=GMPAGE+1

I (GMDLIM'>0)&(($E(IOST,1,2)="C-")!(GMPAGE>1)) W @IOF

D CENTER("Consult Closure Tool",GMDLIM)

I GMDLIM'>0 D WRITE("?115",$$DATE($$DT^XLFDT,"2DZ"),8,GMDLIM)

D CENTER("Consults from "\_$$DATE(GMTBEG,"2DZ")\_" to "\_$$DATE(GMTEND,"2DZ"),GMDLIM)

I GMDLIM'>0 D WRITE("?115","Page: "\_GMPAGE,9,GMDLIM)

D CENTER("Consult configuration: "\_$$GET1^DIQ(123.033,GM0CFG,.01),GMDLIM)

D CENTER("Appointment status: "\_$S(GMAPPT>0:"Seen",1:"Not seen")\_" in clinic",GMDLIM)

D CENTER("Note status: "\_$S(GMNOTE>0:"Has",1:"Does not have")\_" a note",GMDLIM)

D WRITE("!!","Patient Name",12,GMDLIM)

D WRITE("?34","SSN",3,GMDLIM)

D WRITE("?48","Consult Title",13,GMDLIM)

D WRITE("?115","Consult Date",12,GMDLIM)

D WRITE("!","Appt Clinic",11,GMDLIM)

D WRITE("?34","Appt Date",9,GMDLIM)

D WRITE("?65","Appt Status",11,GMDLIM)

D WRITE("!","Note Title",10,GMDLIM)

D WRITE("?65","Note Date",9,GMDLIM)

D WRITE("?115","Consult Updated",15,GMDLIM)

I GMDLIM'>0 D WRITE("!",$TR($J("",IOM)," ","-"),IOM,GMDLIM)

W:GMDLIM>0 !

Q

;

WRITE(GMFMT,GMDATA,GMLEN,GMDLIM) ;

; \*\*\* Output the data

W:(GMDLIM'>0)&(GMLEN>0) @GMFMT

W $S(GMDLIM'>0:$E(GMDATA,1,GMLEN),1:GMDATA)

W:GMDLIM>0 U

Q

;

CENTER(GMDATA,GMDLIM) ;

; \*\*\* Center data

D WRITE("!?"\_(IOM-$L(GMDATA)\2),GMDATA,$L(GMDATA),GMDLIM)

W:GMDLIM>0 !

Q

;

MAKETEAM(GMROOT,GM0CFG) ;

; \*\*\* Update the CPRS team

N GM0DFN,GM0TM,GM1TM,GMDPT,GMIENS,GMINDX,GMLIST

; Is there a team associated with the selected configuration?

I $$ISTM^GMRCCD(GM0CFG)>0 D

. S GM0TM=$$GET1^DIQ(123.033,GM0CFG,.03,"I")

. S GMLIST=$NA(^TMP("DILIST",$J))

. K @GMLIST,@GMROOT@("TEAM-FDA")

. S GMDPT=$$GLOBROOT^GMRCCD(2,";")

. ; Get current list of patients in team

. D LIST^DIC(100.2101,","\_GM0TM\_",")

. D CLEAN^DILF

. S GMINDX=0

. ; Make FDA array to delete current patients from team

. F S GMINDX=$O(@GMLIST@(2,GMINDX)) Q:GMINDX'>0 D

.. S GM1TM=$G(@GMLIST@(2,GMINDX))

.. S GMIENS=GM1TM\_","\_GM0TM\_","

.. I GM1TM>0 S @GMROOT@("TEAM-FDA",100.2101,GMIENS,.01)="@"

.. Q

. K @GMLIST

. ; Delete current patients from team

. I $D(@GMROOT@("TEAM-FDA")) D

.. D UPDATE^DIE("",$NA(@GMROOT@("TEAM-FDA")))

.. D CLEAN^DILF

.. Q

. K @GMROOT@("TEAM-FDA")

. S GM0DFN=0

. ; Make FDA array to add new patients to team

. F S GM0DFN=$O(@GMROOT@("XREF-DFN",GM0DFN)) Q:GM0DFN'>0 D

.. S GMIENS="+"\_GM0DFN\_","\_GM0TM\_","

.. S @GMROOT@("TEAM-FDA",100.2101,GMIENS,.01)=GM0DFN\_GMDPT

.. Q

. ; Add new patients to team

. I $D(@GMROOT@("TEAM-FDA")) D

.. D UPDATE^DIE("",$NA(@GMROOT@("TEAM-FDA")))

.. D CLEAN^DILF

.. Q

. K @GMROOT@("TEAM-FDA")

. D TEAMALRT(GM0CFG)

. Q

Q

;

TEAMALRT(GM0CFG) ;

; \*\*\* Alert users when team is updated

N GM0DUZ,GM0TM,GMINDX,GMLIST,XQA,XQAARCH,XQADATA

N XQAFLG,XQAID,XQAMSG,XQAOPT,XQAROU,XQASUPV,XQASURO

S GM0TM=$$GET1^DIQ(123.033,GM0CFG,.03,"I")

S GMLIST=$NA(^TMP("DILIST",$J))

K @GMLIST

D LIST^DIC(100.212,","\_GM0TM\_",")

D CLEAN^DILF

S GMINDX=0

F S GMINDX=$O(@GMLIST@(2,GMINDX)) Q:GMINDX'>0 D

. S GM0DUZ=$G(@GMLIST@(2,GMINDX))

. I GM0DUZ>0 S XQA(GM0DUZ)=""

. Q

K @GMLIST

S GM0DUZ=$$GET1^DIQ(100.21,GM0TM,1.6,"I")

I GM0DUZ>0 S XQA(GM0DUZ)=""

S XQA(DUZ)=""

S XQAMSG="Consult Closure Tool has updated '"

S XQAMSG=XQAMSG\_$$GET1^DIQ(123.033,GM0CFG,.03)\_"' team"

S XQAID=$T(+0)\_";"\_DUZ\_";"\_$$NOW^XLFDT

D SETUP^XQALERT

Q

;

CONSUPDT(GMROOT) ;

; \*\*\* Update the consults non-interactively

N GM0CON,GM0NOT,GMCLIN,GMCONS,GMDATA

N GMMSG,GMNAME,GMTITL,GMUPDT

S GMCONS=""

F S GMCONS=$O(@GMROOT@("DATA",GMCONS)) Q:GMCONS="" D

. S GMCLIN=""

. F S GMCLIN=$O(@GMROOT@("DATA",GMCONS,GMCLIN)) Q:GMCLIN="" D

.. S GMTITL=""

.. F S GMTITL=$O(@GMROOT@("DATA",GMCONS,GMCLIN,GMTITL)) Q:GMTITL="" D

... S GMNAME=""

... F S GMNAME=$O(@GMROOT@("DATA",GMCONS,GMCLIN,GMTITL,GMNAME)) Q:GMNAME="" D

.... S GMDATA=$G(@GMROOT@("DATA",GMCONS,GMCLIN,GMTITL,GMNAME))

.... S GM0CON=$P(GMDATA,U,7)

.... S GM0NOT=$P(GMDATA,U,8)

.... I (GM0CON>0)&(GM0NOT>0) D

..... S GMUPDT=$$CONUPDT(GM0CON,GM0NOT,.GMMSG)

..... S $P(GMDATA,U,9,10)=GMUPDT\_U\_$G(GMMSG)

..... S @GMROOT@("DATA",GMCONS,GMCLIN,GMTITL,GMNAME)=GMDATA

..... Q

.... Q

... Q

.. Q

. Q

Q

;

CONUPDT(GM0CON,GM0NOT,GMMSG) ;

; \*\*\* Update a consult

N GMALRT,GMAUTH,GMDUZ,GMFIND,GMNOW

N GMOKAY,GMSTAT,GMTO,GMRCADUZ K GMMSG

; Get note status, compute consult status

D NOTESTAT^GMRCCD(.GMSTAT)

S GMAUTH=$$GET1^DIQ(8925,GM0NOT,1202,"I")

S GMSTAT=$$GET1^DIQ(8925,GM0NOT,.05,"I")

I $D(GMSTAT(+GMSTAT))#2>0 S GMSTAT="COMPLETED"

E S GMSTAT="INCOMPLETE"

; Update a consult with a TIU note

D GET^GMRCTIU(GM0CON,GM0NOT,GMSTAT,GMAUTH)

; Get recipients of consult notification

D EN^GMRCT($$GET1^DIQ(123,GM0CON,1,"I"))

S (GMTO,GMDUZ)=""

F S GMDUZ=$O(GMRCADUZ(GMDUZ)) Q:GMDUZ'>0 D

. S GMTO=GMTO\_GMDUZ\_$S($O(GMRCADUZ(GMDUZ))>0:";",1:"")

. Q

S GMALRT=$S(GMSTAT="COMPLETED":0,1:1)

S GMFIND="U"

S GMNOW=$$NOW^XLFDT

S GMMSG(1)="Administrative closure performed"

S GMMSG(2)="by the Consult Closure Tool."

S GMSTAT=$$FIND1^DIC(123.1,"","X","COMPLETE/UPDATE","B")

; Administrative completion of a consult

S GMOKAY=$$SFILE^GMRCGUIB(GM0CON,GMSTAT,GMFIND,GMAUTH,DUZ,.GMMSG,GMALRT,GMTO,GMNOW)

K GMMSG S GMMSG=$P(GMOKAY,U,2)

Q '$P(GMOKAY,U,1)

**GMRCCD (New)**

GMRCCD ;SFVAMC/DAD - Consult Closure Tool: Interactive Consult Update ;01/20/17 15:19

;;3.0;CONSULT/REQUEST TRACKING;\*\*89\*\*;DEC 27, 1997;Build 16

;Consult Closure Tool

; IA# Usage Component

; ---------------------------

; 4836 Private $$GET1^DIQ(123.033,GM0CFG,.06,"I")

; 3005 Controlled $$GET1^DIQ(123.033,GM0CFG,".03:1","I")

; 10040 Supported $$GET1^DIQ(123.033,GM0CFG,.06

; 4072 Controlled $$FIND1^DIC(8925.6

; 2051 Supported $$FIND1^DIC

; 2051 Supported LIST^DIC

; 2052 Supported $$GET1^DID

; 2054 Supported CLEAN^DILF

; 2056 Supported $$GET1^DIQ

; 2607 Supported DOCLIST^DDBR

; 2832 Controlled RPC^TIUSRV

; 2925 Controlled DT^GMRCSLM2

; 10026 Supported ^DIR

; 10086 Supported HOME^%ZIS

; 10096 Supported ^%ZOSF(

;

INTERACT(GMROOT) ;

; \*\*\* Interactive consult update

N GM0CON,GM0NOT,GMCCNT,GMCONS,GMCRPT,GMDOCS

N GMEXIT,GMINDX,GMNAME,GMNCNT,GMNOTE,GMNRPT

N GMNTXT,GMPCNT,GMTEXT,GMTITL,GMRCOER,GMRCQUT

D HOME^%ZIS

S GMDOCS=$NA(@GMROOT@("DOCS-LIST"))

S GMNRPT=$NA(@GMROOT@("NOTE-TEXT"))

S GMCRPT=$NA(^TMP("GMRCR",$J,"DT"))

S GMNOTE=$NA(^TMP("TIUAUDIT",$J))

D COUNT(GMROOT,.GMPCNT,.GMCCNT,.GMNCNT)

S GMPCNT(0)=GMPCNT

S GMCCNT(0)=GMCCNT

S GMNCNT(0)=GMNCNT

K GMTEXT

S GMTEXT(1)="The Consult Closure Tool has identified"

S GMTEXT(2)=" Patients: "\_$J(GMPCNT,4)

S GMTEXT(3)=" Consults: "\_$J(GMCCNT,4)

S GMTEXT(4)=" Notes: "\_$J(GMNCNT,4)

S GMTEXT(5)="that meet your selected criteria."

S GMTEXT(6)=""

S GMTEXT="Enter RETURN to continue: "

D HANGMSG(.GMTEXT,$G(DTIME,900),1)

S GMNAME="",(GMEXIT,GMPCNT,GMCCNT,GMNCNT)=0

I $O(@GMROOT@("DATA",GMNAME))="" D

. K GMTEXT S GMTEXT="\*\*\* No data found \*\*\*"

. D HANGMSG(.GMTEXT,0,1)

. Q

F S GMNAME=$O(@GMROOT@("DATA",GMNAME)) Q:(GMNAME="")!(GMEXIT>0) D

. S GMPCNT=GMPCNT+1

. S GMCONS=""

. F S GMCONS=$O(@GMROOT@("DATA",GMNAME,GMCONS)) Q:(GMCONS="")!(GMEXIT>0) D

.. S GMCCNT=GMCCNT+1

.. K @GMCRPT,@GMDOCS,@GMNRPT

.. ; Get consult text

.. S GM0CON=$P(GMCONS,U,2)

.. S GMRCOER=2

.. K GMRCQUT

.. D DT^GMRCSLM2(GM0CON)

.. I $G(GMRCQUT)'>0 D

... S GMTITL="",GMINDX=0

... F S GMTITL=$O(@GMROOT@("DATA",GMNAME,GMCONS,GMTITL)) Q:(GMTITL="")!(GMEXIT>0) D

.... S GMNCNT=GMNCNT+1

.... S GM0NOT=$P(GMTITL,U,3)

.... ; Build browser doc list

.... I (GM0CON>0)&(GM0NOT>0) D

..... S GMINDX=GMINDX+1

..... ; Add consult to doc list

..... S GMTEXT="Consult Narrative"

..... S GMTEXT=GMTEXT\_" ("\_GMCCNT\_" of "\_GMCCNT(0)\_")"

..... S @GMDOCS@(GMTEXT)=GMCRPT

..... ; Get progress note text

..... K @GMNOTE

..... D RPC^TIUSRV(.GMNOTE,GM0NOT)

..... S GMNTXT=$NA(@GMNRPT@(GM0NOT))

..... M @GMNTXT=@GMNOTE

..... K @GMNOTE

..... ; Add progress note to doc list

..... S GMTEXT="Note "\_$TR($J(GMINDX,2)," ","0")

..... S GMTEXT=GMTEXT\_": "\_$P(GMTITL,U,1)

..... S @GMDOCS@(GMTEXT)=GMNTXT

..... Q

.... Q

... D SHOWPICK(GMDOCS,GM0CON,.GMEXIT)

... Q

.. K @GMCRPT,@GMDOCS,@GMNRPT

.. Q

. Q

I GMEXIT'>0 D

. K GMTEXT S GMTEXT="\*\*\* Done \*\*\*"

. D HANGMSG(.GMTEXT,0,0)

. Q

Q

;

SHOWPICK(GMROOT,GM0CON,GMEXIT) ;

; \*\*\* Show consult & progress notes

; \*\*\* Pick progress note to close consult

I $O(@GMROOT@(""))]"" F D Q:GMEXIT'="?"

. D SHOWNOTE(GMROOT,GM0CON)

. D PICKNOTE(GMROOT,GM0CON,.GMEXIT)

. Q

Q

;

SHOWNOTE(GMROOT,GM0CON) ;

; \*\*\* Show consult & progress notes to user

N GMLINE,DIR,DIROUT,DIRUT,DTOUT,DUOUT,X,Y

D HEADER(GM0CON,.GMLINE)

D FOOTER(IOSL-2)

D DOCLIST^DDBR(GMROOT,"R",GMLINE+2,IOSL-2)

Q

;

PICKNOTE(GMROOT,GM0CON,GMEXIT) ;

; \*\*\* Pick progress note to close consult

N GM0NOT,GMBELL,GMGLOB,GMINDX,GMMAXX

N GMMSGS,GMTEXT,GMTIME,GMTITL

N DIR,DIROUT,DIRUT,DTOUT,DUOUT,X,Y

; Build reader doc list

S DIR("A")="Select NOTE TO CLOSE CONSULT: "

S DIR("A",1)="Select the note to close the consult"

S DIR("A",2)=" "

S DIR("A",3)=" 0 - Do not close the consult"

S GMTITL="Note 00: ",GMINDX=0

F S GMTITL=$O(@GMROOT@(GMTITL)) Q:GMTITL="" D

. ; The doc list data is a closed global root specifying

. ; the location of the progress note text block. The last

. ; subscript of data root is the IEN of the progress note.

. ; @GMROOT@(DocumentTitle) = ArrayName(...,ProgressNoteIEN)

. S GMGLOB=$G(@GMROOT@(GMTITL))

. S GM0NOT=$QS(GMGLOB,$QL(GMGLOB))

. I GM0NOT>0 D

.. S GMINDX=GMINDX+1

.. S DIR("A",3+GMINDX)=$J(GMINDX,3)\_" - "\_GMTITL

.. ; IndexNumber to ProgressNoteIEN^NoteTitle mapping array

.. S GM0NOT(GMINDX)=GM0NOT\_U\_GMTITL

.. Q

. Q

S GMMAXX=GMINDX+1

S DIR("A",3+GMINDX+1)=$J(GMMAXX,3)\_" - Redisplay the consult/progress note(s)"

S DIR("A",3+GMINDX+2)=" ^ - Exit the Consult Closure Tool"

S DIR("A",3+GMINDX+3)=" "

S DIR("B")=GMMAXX

S DIR(0)="NOA^0:"\_GMMAXX\_":0^K:X'?1.N X"

S DIR("?")="^D HEADER^GMRCCD(GM0CON)"

; Display consult closure prompt screen

D HEADER(GM0CON)

W ! D ^DIR S GMINDX=+$G(Y)

S GMEXIT=$S($$DIREXIT^GMRCCA>0:1,GMINDX=GMMAXX:"?",1:0)

K GMTEXT S GMTIME=3,GMBELL=0

I GMEXIT=0 D

. S GM0NOT=+$P($G(GM0NOT(GMINDX)),U,1)

. I (GM0CON>0)&(GM0NOT>0) D

.. ; Attempt to close consult

.. I $$CONUPDT^GMRCCC(GM0CON,GM0NOT,.GMMSGS)>0 D

... S GMTEXT(1)="\*\*\* The consult has been closed \*\*\*"

... S GMTEXT="Selection: "\_$P(GM0NOT(GMINDX),U,2)

... Q

.. E D

... S GMTIME=$G(DTIME,900),GMBELL=1

... S GMTEXT(1)="\*\*\* The consult has NOT been closed \*\*\*"

... S GMTEXT(2)="Reason: "\_$S($G(GMMSGS)]"":GMMSGS,1:"Unknown!")

... S GMTEXT(3)="Selection: "\_$P(GM0NOT(GMINDX),U,2)

... S GMTEXT(4)=""

... S GMTEXT="Enter RETURN to continue: "

... Q

.. Q

. E D

.. S GMTEXT="\*\*\* No action taken on the consult \*\*\*"

.. Q

. Q

E D

. I GMEXIT>0 D

.. S GMTIME=0

.. S GMTEXT="\*\*\* Exiting the Consult Closure Tool \*\*\*"

.. Q

. Q

D HANGMSG(.GMTEXT,GMTIME,GMBELL)

Q

;

HEADER(GM0CON,GMLINE) ;

; \*\*\* Pt name header

W @IOF,"Consult closure for patient: "

W $$GET1^DIQ(123,GM0CON,.02)

W " (",$$GET1^DIQ(123,GM0CON,".02:.0905"),") "

W $$DATE^GMRCCC($$GET1^DIQ(123,GM0CON,".02:.03","I"),"5DZ")

W !,$$GET1^DIQ(123,GM0CON,1)

W " (",$$GET1^DIQ(123,GM0CON,"8:.1"),") "

W $$DATE^GMRCCC($$GET1^DIQ(123,GM0CON,3,"I"),"5DZ")

S GMLINE=$Y

Q

;

FOOTER(GMLINE) ;

; \*\*\* Page footer instructions

F Q:$Y'<(GMLINE-1) W !

W !,"Use <PF1>S to Switch between views of the consult and progress note(s)"

W !,"Use R to Return to the previously viewed consult or progress note(s)"

Q

;

HANGMSG(GMTEXT,GMTIME,GMBELL) ;

; \*\*\* Hang a message on the screen for a time

N DIR,DIROUT,DIRUT,DTOUT,DUOUT,X,Y

I $G(GMTEXT)]"" D

. I $G(GMBELL)>0 S GMTEXT=GMTEXT\_$C(7)

. S DIR(0)="EA"

. M DIR("A")=GMTEXT

. S (DIR("?"),DIR("??"))=""

. S DIR("T")=+$G(GMTIME)

. D TYPEAHED(0)

. W ! D ^DIR

. D TYPEAHED(1)

. Q

Q

;

TYPEAHED(GMBOOL) ;

; \*\*\* Enable/Disable type-ahead

N GMKRNL,GMUSER

I GMBOOL>0 D

. S GMUSER=$TR($$GET1^DIQ(200,DUZ,200.09,"I"),"YN","10")

. S GMKRNL=$TR($$GET1^DIQ(8989.3,1,209,"I"),"YN","10")

. I $S(GMUSER?1N:GMUSER,1:GMKRNL)>0 X ^%ZOSF("TYPE-AHEAD")

. Q

E D

. X ^%ZOSF("NO-TYPE-AHEAD")

. Q

Q

;

COUNT(GMROOT,GMPCNT,GMCCNT,GMNCNT) ;

; \*\*\* Count patients / consults / notes

N GMCONS,GMNAME,GMTITL,GMUCON,GMUNAM,GMUTTL

S GMUNAM=$NA(@GMROOT@("UNIQUE-NAME"))

S GMUCON=$NA(@GMROOT@("UNIQUE-CONS"))

S GMUTTL=$NA(@GMROOT@("UNIQUE-TITL"))

K @GMUNAM,@GMUCON,@GMUTTL

S (GMPCNT,GMCCNT,GMNCNT)=0

S GMNAME=""

F S GMNAME=$O(@GMROOT@("DATA",GMNAME)) Q:GMNAME="" D

. I $D(@GMUNAM@(GMNAME))#2'>0 S GMPCNT=GMPCNT+1

. S @GMUNAM@(GMNAME)=""

. S GMCONS=""

. F S GMCONS=$O(@GMROOT@("DATA",GMNAME,GMCONS)) Q:GMCONS="" D

.. I $D(@GMUCON@(GMCONS))#2'>0 S GMCCNT=GMCCNT+1

.. S @GMUCON@(GMCONS)=""

.. S GMTITL=""

.. F S GMTITL=$O(@GMROOT@("DATA",GMNAME,GMCONS,GMTITL)) Q:GMTITL="" D

... I $D(@GMUTTL@(GMTITL))#2'>0 S GMNCNT=GMNCNT+1

... S @GMUTTL@(GMTITL)=""

... Q

.. Q

. Q

K @GMUNAM,@GMUCON,@GMUTTL

Q

;

CLINLIST(GMROOT,GM0CFG) ;

; \*\*\* Get list of clinics

N GM0CLN,GM0STP,GMINDX,GMLIST,GMSCRN

S GM0CLN=0

F S GM0CLN=$O(^GMR(123.033,GM0CFG,"CLIN","B",GM0CLN)) Q:GM0CLN'>0 D

. S @GMROOT@("XREF-CLIN",GM0CLN)=""

. Q

S GM0STP=$$GET1^DIQ(123.033,GM0CFG,.06,"I")

I GM0STP>0 D

. S GMLIST=$NA(^TMP("DILIST",$J))

. K @GMLIST

. S GMSCRN="I $P(^(0),U,7)="\_GM0STP

. D LIST^DIC(44,"","@","Q","\*","",GM0STP,"AST",GMSCRN)

. D CLEAN^DILF

. S GMINDX=0

. F S GMINDX=$O(@GMLIST@(2,GMINDX)) Q:GMINDX'>0 D

.. S GM0CLN=$G(@GMLIST@(2,GMINDX))

.. I GM0CLN>0 S @GMROOT@("XREF-CLIN",GM0CLN)=""

.. Q

. K @GMLIST

. Q

Q

;

CONSOKAY(GM0CON) ;

; \*\*\* Consult status okay?

Q $S("^c^dc^x^"[(U\_$$GET1^DIQ(123,GM0CON,"8:.1")\_U):0,1:1)

;

NOTESTAT(GMSTAT) ;

; \*\*\* Get list of note statuses

N GM0STA,GMINDX

K GMSTAT

F GMINDX="AMENDED","COMPLETED" D

. S GM0STA=$$FIND1^DIC(8925.6,"","X",GMINDX,"B")

. I GM0STA>0 S GMSTAT(GM0STA)=GM0STA\_U\_GMINDX

. Q

Q

;

ISTM(GM0CFG) ;

; \*\*\* Manual patient team associated with configuration?

Q ($$GET1^DIQ(123.033,GM0CFG,".03:1","I")="TM")

;

GLOBROOT(GMFILE,GMTRAN) ;

; \*\*\* Get file's global root

N GMROOT

S GMROOT=$$GET1^DID(GMFILE,"","","GLOBAL NAME")

Q $S($D(GMTRAN)#2>0:$TR(GMROOT,U,GMTRAN),1:GMROOT)

;

SEEN(GMSTAT) ;

; \*\*\* Pt was seen in clinic?

Q ("^I^NT^R^"[(U\_GMSTAT\_U))

;

UNSEEN(GMSTAT) ;

; \*\*\* Pt was not seen in clinic?

Q ("^CC^CCR^CP^CPR^NS^NSR^"[(U\_GMSTAT\_U))

**GMRCCX (New)**

GMRCCX ;SFVAMC/DAD - Consult Closure Tool: Config File Utilities ;01/20/17 15:19

;;3.0;CONSULT/REQUEST TRACKING;\*\*89\*\*;DEC 27, 1997;Build 16

;Consult Closure Tool

; IA# Usage Component

; --------------------------

; 1058 Private MDEL^DDSUTL

; 1058 Private MLOAD^DDSUTL

; 2051 Supported LIST^DIC

; 2052 Supported $$GET1^DID

; 2053 Supported UPDATE^DIE

; 2054 Supported CLEAN^DILF

;

LOOKUP(GMX,GM0,GMFILE) ;

; \*\*\* Process additions/deletions [-]XXX\*

; Called from the pre-lookup transform nodes

; ^DD(123.0331 -> 123.0336,.01,7.5)

N GMFDA,GMIEN,GMLST,D0,D1,DA,DIC,DIERR

N DIHELP,DIMSG,DUOUT,DIRUT,DIROUT,DO,DTOUT,X,Y

I ($G(GMX)?1.E1"\*"),($G(GM0)>0) D

. S GMLST=$NA(^TMP("DILIST",$J))

. S GMFDA=$NA(^TMP("GMCTR-FDA",$J))

. S GMIEN=$NA(^TMP("GMCTR-IEN",$J))

. K @GMLST,@GMFDA,@GMIEN

. I $E(GMX)="-" D

.. D DEL(.GMX,GM0,GMFILE)

.. Q

. E D

.. D ADD(.GMX,GM0,GMFILE)

.. Q

. K @GMLST,@GMFDA,@GMIEN

. Q

Q

;

ADD(GMX,GM0,GMFILE) ;

; \*\*\* Process additions XXX\* (Copy/Mod of LOOKE^XPDET)

N GMDATA,GMIENS,GMINDX,GMPOIN,GMSCRN

S GMPOIN=$$GET1^DID(GMFILE,.01,"","SPECIFIER")

S GMPOIN=$TR(GMPOIN,$TR(GMPOIN,"0123456789."))

S GMSCRN=$$DICS(GMFILE)

S GMX=$P(GMX,"\*",1)

D LIST^DIC(GMPOIN,"","","","\*","",GMX,"",GMSCRN)

I $G(@GMLST@(0))>0 D

. S GMINDX=0

. F S GMINDX=$O(@GMLST@(2,GMINDX)) Q:GMINDX'>0 D

.. S GMDATA=$G(@GMLST@(2,GMINDX))

.. I GMDATA>0 D

... S GMIENS="?+"\_GMINDX\_","\_GM0\_","

... S @GMFDA@(GMFILE,GMIENS,.01)=GMDATA

... S @GMIEN@(GMINDX)=GMDATA

... Q

.. Q

. I $D(@GMFDA) D

.. D UPDATE^DIE("",GMFDA,GMIEN)

.. I '$D(DIERR),$D(DDS),$D(@GMIEN) D MLOAD^DDSUTL(GMIEN)

.. D CLEAN^DILF

.. Q

. S GMX=""

. Q

E D

. K GMX

. Q

Q

;

DEL(GMX,GM0,GMFILE) ;

; \*\*\* Process deletions -XXX\* (Copy/Mod of DEL^XPDET)

N GM1,GMIENS,GMINDX

S GMX=$P(GMX,"\*",1),GMX=$E(GMX,2,$L(GMX)-1)

D LIST^DIC(GMFILE,","\_GM0\_",","","","\*","",GMX)

I $G(@GMLST@(0))>0 D

. S GMINDX=0

. F S GMINDX=$O(@GMLST@(2,GMINDX)) Q:GMINDX'>0 D

.. S GM1=$G(@GMLST@(2,GMINDX))

.. I GM1>0 D

... S GMIENS=GM1\_","\_GM0\_","

... S @GMFDA@(GMFILE,GMIENS,.01)="@"

... Q

.. Q

. I $D(@GMFDA) D

.. D UPDATE^DIE("",GMFDA)

.. I '$D(DIERR),$D(DDS) D MDEL^DDSUTL($NA(@GMLST@(2)))

.. D CLEAN^DILF

.. Q

. S GMX=""

. Q

E D

. K GMX

. Q

Q

;

DICS(GMFILE) ;

; \*\*\* DIC("S") data screens

; Called from ADD^GMRCCX and

; ^DD(123.0331 -> 123.0336,.01,0 & 12.1)

N GMSCRN

; Disabled consult services are not selectable

S GMSCRN(123.0331)="I $P(^(0),U,2)'=9"

; Inactive consult procedures are not selectable

S GMSCRN(123.0332)="I $P(^(0),U,2)'>0"

; Only consult order items are selectable

S GMSCRN(123.0333)="I ($P(^(0),U,3)="""")&(^(0)?1""GMRC""1(1""R"",1""T"").E)"

; Only active clinical procedures are selectable

S GMSCRN(123.0334)="I $P(^(0),U,9)=1"

; Only clinics are selectable

S GMSCRN(123.0335)="I $P(^(0),U,3)=""C"""

; Only titles are selectable

S GMSCRN(123.0336)="I $P(^(0),U,4)=""DOC"""

Q $G(GMSCRN(+$G(GMFILE)),"I 1")

;

PATCH(GMOKAY) ;

; \*\*\* Check the version and patch status of GMRCT

N GMROUT,GMVERS

S GMOKAY=1

S GMROUT="EN^GMRCT"

S GMVERS=" ;;3.0;CONSULT/REQUEST TRACKING;\*\*1,5,11,18,46\*\*;Dec 27, 1997;Build 23"

I $$EN($P(GMROUT,U,2),$P(GMVERS,";;",2))="NO-MATCH" D

. S GMOKAY=0

. W !

. W !,"The Consult Closure Tool uses an undocumented entry point (",GMROUT,") to"

. W !,"determine the recipients of consult notifications. This entry point may"

. W !,"have changed since the Consult Closure Tool was released, see the second"

. W !,"line of routine ",$P(GMROUT,U,2)," below."

. W !

. W !,"Expected:",GMVERS

. W !,"Found: ",$T(+2^@$P(GMROUT,U,2))

. W !

. W !,"The consult Closure Tool will not run until the ",GMROUT," entry point is"

. W !,"reviewed and the expected second line is updated in PATCH^",$T(+0),"."

. W !

. Q

Q

PATCHES ;/WDE/API TO CHECK FOR THE SECOND LINE MATCH UP ; [08/03/09 06:13am]

;;1.0;REGION1;\*\*1\*\*;08/03/2009;Build 12;

;

;The sole intent of this API is to validate the second line of any routine that is passed in

;

;Parm 1 is the routine WITHOUT THE ^

;parm 2 is the SECOND LINE of the routine WITHOUT the first two semi's

; See line tag EXAMPLE on how to run it..

;returns EITHER MATCH OR NO-MATCH

;

EN(PATROUTINE,PATSTRING) ;

N PATVALID,PATTEST,PATX,ARMVALID

S PATVALID="MATCH"

S PATX="S PATTEST=$T(+2^"\_PATROUTINE\_")" X PATX

S PATTEST=$P(PATTEST,";;",2,99)

I PATTEST'=PATSTRING S PATVALID="NO-MATCH"

Q PATVALID

**GMRCCY (New)**

GMRCCY ;SFVAMC/DAD - Consult Closure Tool: Date Range Selector ;01/20/17 15:19

;;3.0;CONSULT/REQUEST TRACKING;\*\*89\*\*;DEC 27, 1997;Build 16

;Consult Closure Tool ;

; IA# Usage Component

; ---------------------------

; 10003 Supported ^%DT

; 10103 Supported $$FMTE^XLFDT

; 10103 Supported $$SCH^XLFDT

; 10104 Supported $$UP^XLFSTR

;

EN(GMTBEG,GMTEND,GMHEAD,GMRANG) ; \*\*\* Entry Point

; Input

; GMTBEG = Begin date - Default (FM Int) [Req, Pass by ref]

; GMTEND = End date - Default (FM Int) [Req, Pass by ref]

; GMHEAD = Header line [Opt, Pass by value]

; GMRANG = Date range type [Opt, Pass by value]

; M,M!,Q,Q!,S,S!,Y,Y!,F,F!,U,U! ("!" forces selection)

; Output

; $$EN() = 1 - Okay OR 0 - Exit

; GMTBEG = Begin date [If $$EN()=1 FM Int Date, Else ""]

; GMTEND = End date [If $$EN()=1 FM Int Date, Else ""]

;

; Example

; IF $$EN^GMDATE(.GMTBEG,.GMTEND,GMHEAD,GMRANG)'>0 QUIT

;

N GM,GMDATA,GMDFLT,GMDONE,GMFRAM,GMQUIT,GMWHEN,X,Y

S (GMFRAM,GMFRAM(0))=""

F GM=1:1 S GMDATA=$P($T(FRAMDAT+GM),";;",2) Q:GMDATA=U D

. S GMFRAM=GMFRAM\_U\_$$UP^XLFSTR(GMDATA)

. S GMFRAM(0)=GMFRAM(0)\_GMDATA\_$S(GM<6:", ",1:"")

. Q

F D Q:GMQUIT!GMDONE

. S (GMQUIT,GMDONE)=0

. S GMTBEG=$S($G(GMTBEG)\1?7N:GMTBEG\1,1:"")

. S GMTEND=$S($G(GMTEND)\1?7N:GMTEND\1,1:"")

. S GMDFLT=$$UP^XLFSTR($G(GMRANG))\_U\_GMTBEG\_U\_GMTEND

. I $G(GMHEAD)]"" W !,GMHEAD

. W !,GMFRAM(0)

. W !,"Select date range: "

. W $S($TR($P(GMDFLT,U),"!")]"":$TR($P(GMDFLT,U),"!")\_"// ",1:"")

. S GMWHEN=""

. I $P(GMDFLT,U)'["!" R GMWHEN:DTIME S:'$T GMWHEN=U

. I GMWHEN="" S GMWHEN=$TR($P(GMDFLT,U),"!") W GMWHEN

. I (GMWHEN="")!($E(GMWHEN)=U) S GMQUIT=1 Q

. S GMWHEN=$$UP^XLFSTR(GMWHEN)

. I $F(GMFRAM,U\_GMWHEN)'>0 D Q

.. D BELL(GMWHEN)

.. I $P(GMDFLT,U)["!" S GMQUIT=1 Q

.. W !!?5,"Enter the first few letters of "

.. W "one of the choices listed below.",!

.. Q

. W $P($P(GMFRAM,U\_GMWHEN,2),U)

. S GMWHEN=$E(GMWHEN)

. S GMQUIT=$$ASKDATE(GMWHEN,GMDFLT,.GMTBEG,.GMTEND)

. I GMQUIT D

.. S GMQUIT=$S($P(GMDFLT,U)'["!":0,1:GMQUIT)

.. I GMQUIT'>0 W !

.. Q

. E D

.. S GMDONE=1

.. Q

. Q

S GMQUIT='$G(GMQUIT)

I GMQUIT>0 D

. W !!,"Range selected: "

. W $$FMTE^XLFDT(GMTBEG,"5Z")," to ",$$FMTE^XLFDT(GMTEND,"5Z")

. Q

E D

. S (GMTBEG,GMTEND)=""

. Q

Q GMQUIT

;

FRAMDAT ;; TimeFrameName

;;Monthly

;;Quarterly

;;Semi-Annually

;;Yearly

;;Fiscal Yearly

;;User Selectable

;;^

;

ASKDATE(GMWHEN,GMDFLT,GMTBEG,GMTEND) ; \*\*\* Prompt for date range

N GMQUIT

S GMQUIT=1

I GMWHEN="M" D

. S GMQUIT=$$MONTH(GMWHEN,GMDFLT,.GMTBEG,.GMTEND)

. Q

I (GMWHEN="Q")!(GMWHEN="S") D

. S GMQUIT=$$QUART(GMWHEN,GMDFLT,.GMTBEG,.GMTEND)

. Q

I (GMWHEN="F")!(GMWHEN="Y") D

. S GMQUIT=$$YEAR(GMWHEN,GMDFLT,.GMTBEG,.GMTEND)

. Q

I GMWHEN="U" D

. S GMQUIT=$$USERSEL(GMWHEN,GMDFLT,.GMTBEG,.GMTEND)

. Q

Q GMQUIT

;

MONTH(GMWHEN,GMDFLT,GMTBEG,GMTEND) ; \*\*\* Monthly

N %DT,GM,GMDATA,GMDONE,GMEND,GMEOM,GMMNYR,GMMOE,GMQUIT,GMYEAR,X,Y

F GM=1:1 S GMDATA=$P($T(MONTHDAT+GM),";;",2) Q:GMDATA=U D

. S GMEOM($P(GMDATA,U))=$P(GMDATA,U,2,3)

. Q

S (GMQUIT,GMDONE)=0

F D Q:(GMQUIT>0)!(GMDONE>0)

. K %DT

. S %DT="AE"

. S %DT("A")="Enter Month and Year: "

. I $P(GMDFLT,U,2)]"" D

.. S GMMNYR=$P(GMDFLT,U,2)

.. S %DT("B")=$E(GMMNYR,4,5)\_"/"\_(1700+$E(GMMNYR,1,3))

.. Q

. W ! D ^%DT S GMEND=+$G(Y)

. I GMEND'>0 S GMQUIT=1 Q

. I ('+$E(GMEND,4,5))!(+$E(GMEND,6,7)) D Q

.. D BELL("")

.. W !!,"Please enter a month and year"

.. W $S(+$E(GMEND,6,7):" only",1:"")

.. Q

. S GMMOE=$E(GMEND,4,5)

. S GMTEND=$E(GMEND,1,5)\_$P(GMEOM(GMMOE),U)

. I $E(GMTEND,4,5)="02" D

.. S GMYEAR=1700+$E(GMTEND,1,3)

.. S GMTEND=GMTEND+((GMYEAR#4=0)&((GMYEAR#100)!(GMYEAR#400=0)))

.. Q

. S GMTBEG=$E(GMTEND,1,5)\_"01"

. S GMDONE=1

. Q

Q GMQUIT

;

MONTHDAT ;; MonthNumber ^ DaysInMonth ^ MonthName

;;01^31^JANUARY

;;02^28^FEBRUARY

;;03^31^MARCH

;;04^30^APRIL

;;05^31^MAY

;;06^30^JUNE

;;07^31^JULY

;;08^31^AUGUST

;;09^30^SEPTEMBER

;;10^31^OCTOBER

;;11^30^NOVEMBER

;;12^31^DECEMBER

;;^

;

QUART(GMWHEN,GMDFLT,GMTBEG,GMTEND) ; \*\*\* Quarterly & Semi-Annually

N %DT,GM,GMDATA,GMDONE,GMMNDY,GMQU,GMQUIT,GMQUYR,GMSBEG,GMSEMI,GMYR,GMQART

N GMQBEG,GMQEND,GMQQUA,X,Y

S GMSEMI=$S(GMWHEN="S":1,1:0)

F GM=1:1 S GMDATA=$P($T(QUARTDAT+GM),";;",2) Q:GMDATA=U D

. S GMQQUA(GM)=$P(GMDATA,U)

. S GMQBEG(GM)="000"\_$P(GMDATA,U,2)

. S GMSBEG(GM)="000"\_$P(GMDATA,U,3)

. S GMQEND(GM)="000"\_$P(GMDATA,U,4)

. Q

S GMQUYR=""

I $P(GMDFLT,U,2)]"" D

. S GMMNDY=$E($P(GMDFLT,U,2),4,7)

. I (GMMNDY'<GMQBEG(1))&(GMMNDY'>GMQEND(1)) S GMQU=1

. I (GMMNDY'<GMQBEG(2))&(GMMNDY'>GMQEND(2)) S GMQU=2

. I (GMMNDY'<GMQBEG(3))&(GMMNDY'>GMQEND(3)) S GMQU=3

. I (GMMNDY'<GMQBEG(4))&(GMMNDY'>GMQEND(4)) S GMQU=4

. S GMQUYR=$S(GMQU>0:GMQU\_"/"\_(1700+$E($P(GMDFLT,U,2),1,3)+(GMQU=1)),1:"")

. Q

S (GMQUIT,GMDONE)=0

F D Q:(GMQUIT>0)!(GMDONE>0)

. I GMSEMI>0 D

.. W !!,"Enter Quarter Period and FY you "

.. W "wish Semi-Annual range to end with"

.. Q

. W !

. W !,"Enter Quarter and Year: ",$S(GMQUYR]"":GMQUYR\_"// ",1:"")

. R GMQART:DTIME S:'$T GMQART=U

. I GMQART="" S GMQART=GMQUYR

. I (GMQART=U)!(GMQART="") S GMQUIT=1 Q

. I (GMQART'?1N1P2N)&(GMQART'?1N1P4N) D Q

.. D BELL(GMQART)

.. W !!,"Enter Quarter Period in this format: "

.. W "2nd quarter 1988 would be 2-88, 2/88, 2 88"

.. Q

. I ($E(GMQART)>4)!($E(GMQART)<1) D Q

.. D BELL("")

.. W !!,"Enter Quarter 1 to 4 only"

.. Q

. S GMQU=$E(GMQART)

. S GMYR=$E(GMQART,3,6)

. K %DT S X=GMYR D ^%DT S GMYR=$E(Y,1,3)

. F GM=1:1:4 D

.. S GMQBEG(GM)=$S(GM=1:GMYR-1,1:GMYR)\_$E(GMQBEG(GM),4,7)

.. S GMSBEG(GM)=$S(GM'>2:GMYR-1,1:GMYR)\_$E(GMSBEG(GM),4,7)

.. S GMQEND(GM)=$S(GM=1:GMYR-1,1:GMYR)\_$E(GMQEND(GM),4,7)

.. Q

. S GMTEND=GMQEND(GMQU)

. S GMTBEG=$S(GMSEMI:GMSBEG(GMQU),1:GMQBEG(GMQU))

. S GMDONE=1

. Q

Q GMQUIT

;

QUARTDAT ;;Name ^ QuarterStart ^ SemiStart ^ QuarterEnd

;;FIRST^1001^0701^1231

;;SECOND^0101^1001^0331

;;THIRD^0401^0101^0630

;;FOURTH^0701^0401^0930

;;^

;

YEAR(GMWHEN,GMDFLT,GMTBEG,GMTEND) ; \*\*\* Yearly & Fiscal Yearly

N %DT,GMDONE,GMFY,GMQUIT,GMYEAR,GMYR,X,Y

S GMFY=$S(GMWHEN="F":1,1:0)

S (GMQUIT,GMDONE)=0

F D Q:(GMQUIT>0)!(GMDONE>0)

. W !!,"Enter ",$S(GMFY:"FISCAL ",1:""),"YEAR: "

. S GMYEAR=$S($P(GMDFLT,U,2)]"":1700+$E($P(GMDFLT,U,2),1,3),1:"")

. W $S(GMYEAR]"":GMYEAR\_"// ",1:"")

. R GMYR:DTIME S:'$T GMYR=U

. I GMYR="" S GMYR=GMYEAR

. I (GMYR=U)!(GMYR="") S GMQUIT=1 Q

. I (GMYR'?2N)&(GMYR'?4N) D Q

.. D BELL(GMYR)

.. W !!,"Enter a 2 or 4 digit ",$S(GMFY:"fiscal ",1:""),"year"

.. Q

. K %DT S X=GMYR D ^%DT S GMYR=$E(Y,1,3)

. I GMFY D

.. S GMTBEG=GMYR-1\_"1001"

.. S GMTEND=GMYR\_"0930"

.. Q

. E D

.. S GMTBEG=GMYR\_"0101"

.. S GMTEND=GMYR\_"1231"

.. Q

. S GMDONE=1

. Q

Q GMQUIT

;

USERSEL(GMWHEN,GMDFLT,GMTBEG,GMTEND) ; \*\*\* User Selectable

N %DT,GMBEG,GMEND,GMQUIT,X,Y

S GMQUIT=0

W !!,"Enter beginning and ending dates for the desired time period:",!

K %DT

S %DT="AEX"

S %DT("A")="Beginning Date: "

I $P(GMDFLT,U,2)]"" S %DT("B")=$$FMTE^XLFDT($P(GMDFLT,U,2),"5Z")

D ^%DT S GMBEG=+$G(Y)

I GMBEG>0 D

. K %DT

. S %DT="AEX"

. S %DT(0)=GMBEG

. S %DT("A")="Ending Date: "

. I $P(GMDFLT,U,3)]"",$P(GMDFLT,U,3)'<GMBEG D

.. S %DT("B")=$$FMTE^XLFDT($P(GMDFLT,U,3),"5Z")

.. Q

. E D

.. S %DT("B")=$$FMTE^XLFDT(GMBEG,"5Z")

.. Q

. D ^%DT S GMEND=+$G(Y)

. I GMEND>0 D

.. S GMTBEG=GMBEG

.. S GMTEND=GMEND

.. Q

. E D

.. S GMQUIT=1

.. Q

. Q

E D

. S GMQUIT=1

. Q

Q GMQUIT

;

BELL(X) ; \*\*\* Write ?? <Beep>

I $E(X)'="?" W " ??",$C(7)

Q

;

LASTMNTH(GMDATE,GMTBEG,GMTEND) ; \*\*\* Compute last month date range

N GMMN,GMYR

S GMYR=1700+$E(GMDATE,1,3)

S GMMN=$E(GMDATE,4,5)

I (GMMN'<1)&(GMMN'>12) D

. S GMMN=GMMN-1

. I GMMN=0 S GMMN=12,GMYR=GMYR-1

. I $L(GMMN)=1 S GMMN="0"\_GMMN

. S GMTBEG=(GMYR-1700)\_GMMN\_"01"

. S GMTEND=$$SCH^XLFDT("1M(1)",GMTBEG)\1

. Q

E D

. S (GMTBEG,GMTEND)=""

. Q

Q

**GMRCZUTL (New)**

GMRCUTL1 ;SLC/DCM,JFR,MA - General Utilities ;01/20/2017 15:23

;;3.0;CONSULT/REQUEST TRACKING;\*\*1,4,12,15,21,17,28,89\*\*;DEC 27, 1997;Build 16

;Added call to GMRCZUTL for secondary printer

; This routine invokes IA #2876,3121

; Patch #21 added variable GMRCAUDT and moved line tag PRNTAUDT

; to GMRCP5A.

;

PRNT(SRVCIFN,GMRCO) ;print form 513 to a printer when new consult is entered

;;LOCAL MOD RMS/HINES 11-2-05 TO PRINT A SECOND COPY

N ORVP,GMRCDEV,GMRCQUED,IOP,%ZIS,POP,ZTDTH,ZTDESC,ZTIO,ZTRTN,ZTSK,GMRCA

UDT

I '$G(SRVCIFN) S SRVCIFN=+$P(^GMR(123,GMRCO,0),U,5)

Q:'$D(^GMR(123.5,SRVCIFN,578001)) Q:'$P(^GMR(123.5,SRVCIFN,578001),"^")

S IOP="`"\_$P(^GMR(123.5,SRVCIFN,578001),"^")

S %ZIS="N" D ^%ZIS I POP S %ZIS=0 D HOME^%ZIS Q

S GMRCDEV=ION,GMRCQUED=1,GMRCAUDT=1

S ZTRTN="PRNT^GMRCP5A("\_(+GMRCO)\_","\_(+$G(TIUFLG))\_",1,"""\_$G(GMRCCPY,"W")\_""",0,"\_(GMRCAUDT)\_")"

S ZTDESC="PRINT SECOND COPY OF CONSULT FORM 513 FOR NEW CONSULT

"

S ZTIO=GMRCDEV,ZTDTH=$H

D ^%ZTLOAD

S %ZIS=0 D HOME^%ZIS

K GMRCQUED,GMRCDEV1

Q