

Problem List

Technical Manual

Version 2.0

September 1994

Updated: July 2016
Includes updates to functionality added by Problem List patches GMPL*2.0*1 through GMPL*2.0*40

> Department of Veterans Affairs Office of Information and Technology **Product Development**

Revision History

Date	Page	Change	Project Manager/Technical Writer
July 2016	2	Minor change per review.	Kenny Condie/Tom Robinson
June 2016	2, 10, 19, 22	Added descriptions for new functionality provided by GMPL*2.0*40. • First is a summary of GMPL*2*40. • Added the new options under the Allocations of Options and Menus section. • Added the new options to the list of	Kenny Condie/Tom Robinson
		 items on the Problem List Management Menu. Added a brief description of new options for reporting and correcting SNOMED that should be ICD codes. Removed the Checksum section. For checksum information, see the patch description. 	
February 2016		Added descriptions for new functionality provided by GMPL*2.0*45	Kenny Condie/Tom Robinson
March 2014		Added descriptions for new functionality provided by GMPL*2.0*42	Kenny Condie/JoAnn Green
May 2013		Updates provided by developer, Joel Russell	Kenny Condie/JoAnn Green
June 2012	22	Added descriptions for new options provided by GMPL*2.0*36.	Kenny Condie/JoAnn Green
June 2012		Updates per all problem list patches since the 1994 release, including patch GMPL*2.0*36	Kenny Condie/JoAnn Green
March-April 2002		Format changes; updates per all problem list patches since the 1994 release, including patch GMPL*2.0*26	Kenny Condie/JoAnn Green

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Introduction

The Problem List application is used to document and track a patient's problems. It provides the clinician with a current and historical view of the patient's health care problems across clinical specialties. It will allow each identified problem to be traced through the VistA health care system in terms of treatment, test results, and outcome.

The Problem List application is designed to be used by primary caregivers such as physicians, nurses, social workers, and others, in both inpatient and outpatient settings, as well as by ward clerks and coding clerks.

Various data entry methods are possible with this application.

Functionality

- Allows a clinician to view an individual problem list for any given patient.
- Supports a variety of specialized views of a patient's problem list.
- Uses the Lexicon Utility, which permits use of "natural" terminology when selecting a problem. Each term is well-defined and understandable. A user, site, or application may substitute a preferred synonym.
- May be linked to other sections of the medical record, such as Health Summary and Integrated Billing Encounter Forms.
- If Problem List Health Summary components are used in conjunction with the Computerized Patient Record System (CPRS), then you may view Problem List from other treating facilities within the VA, provided Remote Data Views (RDV) have been implemented (includes Health Summary patched up to GMTS*2.7*29, and Order Entry/Results Reporting patched up to patch OR*3.0*85)
- Supports importation of problem information from other clinical settings outside the immediate VAMC.
- Allows reformulation of a problem.
- Supports multiple forms of data capture: Direct clinician entry, clerk entry, encounter forms, foreign problem lists, scannable encounter forms, hand-held devices, etc.

Changes Made by GMPL*2*40 – Erroneous Problem File Cleanup

To correct an issue where SNOMED codes get stored in the DIAGNOSIS field #.01 instead of ICD codes, three new options have been added to the Problem List Mgt Menu [GMPL MGT MENU]:

- 1. SNOMED in Diagnosis Field Error Report [GMPL DIAG ERROR REPORT]
- 2. SNOMED in Diagnosis Field Cleanup Report [GMPL DIAG CLEANUP REPORT]
- 3. Generate SNOMED in Diagnosis Field Err/Cleanup Rpt [GMPL GENERATE DIAG RPTS]

The first two reports identify fields that have the error and where they are cleaned up. The third option enables users with access to this menu to rerun the filescan and cleanup tasks for any potential new errors.

Changes Made by GMPL*2*45 – Changes to Comment Length and a Provider Can Now View, Edit, or Delete Comments Entered by Another Provider

The length of the comment field has been changed from less than 60 characters (which includes spaces and punctuation) to less than 200.

Also, providers can now view, edit, and delete another provider's comments on a problem.

Changes Made by GMPL*2*42 - PROBLEM LIST SUPPORT FOR ICD-10-CM

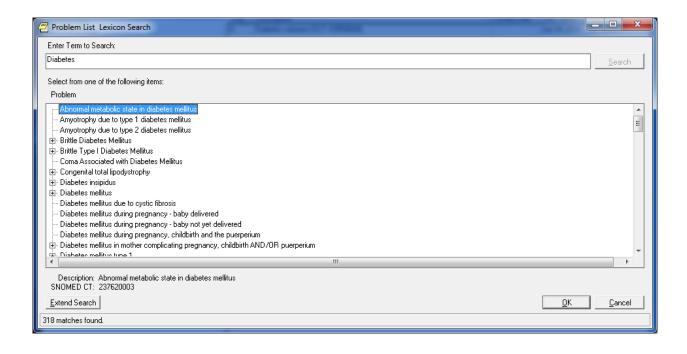
This is the Problem List patch to support the requirements of ICD-10-CM implementation. The Problem Search function will continue to originate with the Problem List Subset of SNOMED CT and follow the algorithm introduced by the Problem List Data Standardization effort and CPRS v29. Prior to the ICD-10-CM implementation date (1 October 2015), the selected SNOMED CT code will continue to be resolved to the corresponding ICD-9-CM code(s), and all of the Problem List display and print options will continue to render the diagnostic codes as ICD-9-CM.

Beginning on the ICD-10-CM implementation date, the selected SNOMED CT code will be resolved to the corresponding ICD-10-CM code(s), and all of the Problem List display and print options will render the diagnostic codes as either ICD-9-CM or ICD-10-CM, depending upon the date when the code for the problem was last edited.

ICD Diagnosis Code Search

• The CPRS Problem List application will provide the ability to search for SNOMED CT diagnoses which will be mapped to a generic ICD-10 diagnosis code of R69. This is due to the fact that a SNOMED CT to ICD-10 mapping does not currently exist.

(**NOTE: The mapped R69 code will not be visible or displayed to the user since all returned SNOMED CT diagnoses will be mapped to this generic code. Only the selected SNOMED CT concept code and description will be displayed at the bottom of the search dialog.)



Users may use the following search methods:

- o Full SNOMED CT concept codes
- o Text strings (i.e. SNOMED CT description)

ICD diagnosis code search is prohibited on the Problems tab.

Add/Edit/Store ICD Diagnosis Code

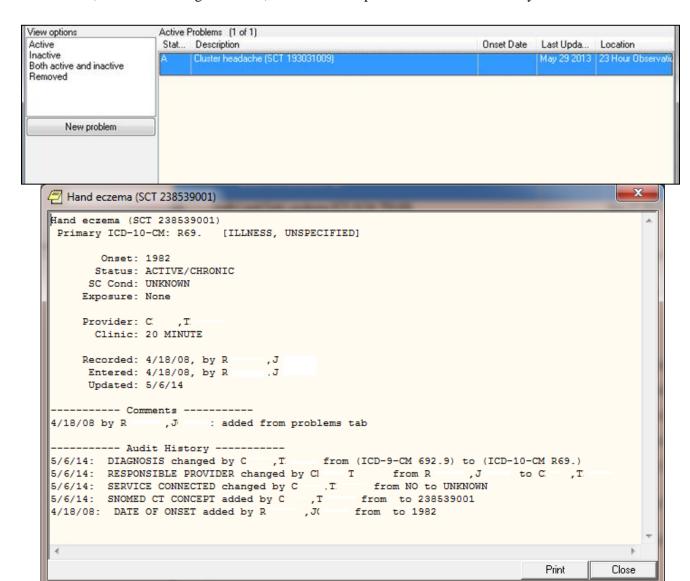
- If the 'Current System Date' is on or after the ICD-10 activation date, the CPRS Problem List package will provide the ability to perform the following actions for ICD-10-CM diagnosis codes (problems) through the Action List items on the patient's problem list.
 - New Problem: Add an active SNOMED CT diagnosis mapped to an ICD-10-CM diagnosis code of R69.
 - Change: Change an active SNOMED CT diagnosis mapped to an ICD-10-CM diagnosis code of R69.

- Inactivate: Inactivate a problem containing a SNOMED CT diagnosis mapped to an ICD-10-CM diagnosis code of R69.
- Verify: Verify an active SNOMED CT diagnosis mapped to an ICD-10-CM diagnosis code of R69.
- Annotate: Annotate and update an active SNOMED CT diagnosis mapped to an ICD-10-CM diagnosis code of R69.
- Remove: Remove an active SNOMED CT diagnosis mapped to an ICD-10-CM diagnosis code of R69.
- o Restore: Restore an active SNOMED CT diagnosis mapped to an ICD-10-CM diagnosis code of R69.
- View Details: Store an active SNOMED CT diagnosis mapped to an ICD-10-CM diagnosis code of R69.

Display ICD Diagnosis

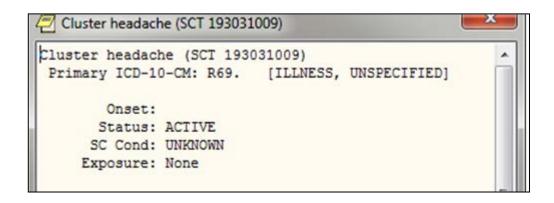
- The CPRS Problem List allows for the display of problems for the Active View, Inactive View, and Removed View options within the initial Problem List.
 - The CPRS Problem List application will display an ICD-10 diagnosis short description within the initial Problem List screen and will label whether an ICD diagnosis code is either ICD-9 or ICD-10. (This applies to legacy problems and problems added through Clinical Reminders, PCE, and/or Group Notes.)

- When user selects the 'View Details' action, the CPRS Problem List application will:
 - Display the details of an SNOMED CT diagnosis mapped to an ICD-10-CM diagnosis code of R69 and its full descriptions/definitions
 - o Print the SNOMED CT to ICD-10-CM diagnosis code audit history
- When using the 'View Details' action, the CPRS Problem List application will display the ICD-10 label, ICD-10-CM diagnosis code, and short description within the audit history.



Print ICD Diagnosis

- When the user selects the 'View Details' action:
 - If the date the ICD diagnosis code was entered is on or after the ICD-10 activation date, the CPRS Problem List application will provide the ability to print the ICD-10-CM diagnosis codes and full descriptions/definitions.
 - The CPRS Problem List application will designate whether an ICD diagnosis code is ICD-9 or ICD-10.



Changes Made by GMPL*2.0*44 - PROBLEM LIST ICD-10 CHANGES FOR CLINICAL REMINDERS

This build updates the Clinical Reminders Index cross-references in the Problem file (#9000011) to accommodate ICD-10 CM diagnosis codes. It restructures the Problem List portion of the Clinical Reminders Index to a generic format that can support ICD and SNOMED CT coding systems. This format is:

```
^PXRMINDX (9000011, CODING SYSTEM,"ISPP", CODE, STATUS, PRIORITY, DFN, DLM, DAS)

^PXRMINDX (9000011, CODING SYSTEM,"PSPI", DFN, STATUS, PRIORITY, CODE, DLM, DAS)
```

Where CODING SYSTEM is a three-character abbreviation as defined in the Coding Systems file (#757.03) and CODE is the code, not the pointer. For details, see the Clinical Reminders Index Technical Manual (PXRM_INDEX_TM).

The post-install routine will start a background job to rebuild the file #9000011 index in the new format.

Changes Made by GMPL*2*36 - EXTENSIONS TO ACCOMMODATE SNOMED-CT

The purpose of this patch is to accommodate the use of the Systematic Nomenclature of Medicine -- Clinical Terms (SNOMED CT) for selection of Patient Problems, and to dovetail with the efforts of Standard Data Service (SDS) to implement SNOMED CT on both the Enterprise Terminology Server and the Clinical Lexicon, using the New Term Rapid Turnaround (NTRT) strategy for vetting and deployment of novel clinical expressions.

This patch introduces changes required by CPRS v29 for selection of Patient Problems using SNOMED CT.

A new bulletin, GMPL PROBLEM NTRT BULLETIN, is added by the patch. This bulletin is sent to members of the FORUM mail group g.PROBLEM LIST NTRT when a SNOMED CT Concept is selected by the user for which no ICD-9-CM codes are mapped. The mail group is populated with members of OI&T's Standards and Terminology Service. When approved by the Domain Steward for Problem List, new standardized mappings will be deployed using the New Term Rapid Turnaround capability.

Two new options are included in the patch:

Problem List NTRT Follow-up Report

This report allows sites to evaluate problems with valid SNOMED CT Concept codes, which were unmapped to ICD at the time of entry.

The report may be filtered by Medical Center Division, Provider(s), and Time Interval.

Problem List Freetext Follow-up Report

This report allows sites to evaluate uncoded free text problems that have been entered by one or more providers over a specified time interval.

Related Manuals

Problem List Installation Guide
Problem List User Manual
Lexicon Utility v. 2.0 Technical Manual
Automated Information Collection System (AICS) v 3.0 Technical/User Manual
List Manager v 1.0 Technical Manual
Patient Care Encounter (PCE) v. 1.0 Technical Manual
Kernel v 8.0/Unwinder (XQOR) v. 7.1 Technical Manual

Implementation and Maintenance

Implementation and maintenance of Problem List occur several ways:

- 1. By integration with other applications:
 - Lexicon Utility (which uses the Multi-term Lookup utility MTLU part of the Kernel Toolkit 7.3). The Lexicon Utility can be modified to meet local site needs, to make Problem List fit your hospital's preferences.
 - Encounter Form (part of Integrated Billing)
 - Health Summary
 - Patient Care Encounter (PCE)
 - CPRS

Management of Problem List includes coordinating with these other entities. This linkage should remain transparent to users, but will require setup and coordination by the IRM office and Clinical Coordinators. See the technical and user manuals of those packages for implementation instructions.

- 2. By setting site parameters with the GMPL PARAMETER EDIT option.
- 3. By allocating menus and options (see page 7).

By user customization either through GMPL USER PREFS MENU or GMPL BUILD LIST MENU (see the Problem List User Manual for descriptions of these).

Edit PL Site Parameters [GMPL PARAMETER EDIT]

This option lets you toggle four site parameters for the Problem List; these parameters are stored in the Problem List Site Parameters file #125.99.

- 1. A flag can be placed on problems that are entered by clerks so that a clinician must review the problems and verify them.
- 2. You can choose whether the users will be prompted to have a chart copy printed when they exit the patient's problem list (if it has changed).

- 3. You can choose whether to search the Lexicon Utility when adding to or editing a problem list. The Lexicon Utility provides standardized text and codes ☐ICD9, CPT, SNOMED, and other codes, if they're available. If you choose not to use the Lexicon Utility, the Problem List will capture ONLY the free text that is entered (the Provider Narrative) [NOTE: Not Recommended by developers].
- 4. You can choose whether to display the patient problem list in chronological or reverse chronological order.

```
Select Problem List Mgt Menu Option: Edit PL Site Parameters
VERIFY TRANSCRIBED PROBLEMS: YES// ?
    Enter YES to flag transcribed entries for clinician verification.
     CHOOSE FROM:
      1
      0
                NO
VERIFY TRANSCRIBED PROBLEMS: YES// NO
PROMPT FOR CHART COPY: YES, ASK// ?
    Enter YES to be prompted to print a new copy before exiting the patient's
list, if it has been updated.
    CHOOSE FROM:
      1
               YES, ASK
      0
               NO, DON'T ASK
PROMPT FOR CHART COPY: YES, ASK// <RET>
USE CLINICAL LEXICON: YES// ?
Enter YES to allow the user \overline{t}o search the Clinical Lexicon when adding to or
editing a problem list; NO will bypass the search, capturing ONLY the free text.
     CHOOSE FROM:
      1
       Ω
                NO
USE CLINICAL LEXICON: YES// <RET>
DISPLAY ORDER: CHRONOLOGICAL// ?
Enter the order in which the problems should be displayed for your site,
according to the date each problem was recorded.
     CHOOSE FROM:
      C
               CHRONOLOGICAL
      R
               REVERSE-CHRONOLOGICAL
DISPLAY ORDER: CHRONOLOGICAL// <RET>
Select Problem List Mgt Menu Option: <RET>
```

Problem List Setup for CPRS

Patch GMPL*2*10 created APIs to provide data to CPRS. See the sections on APIs and Remote Procedure Calls under External Relations in this manual. No other setup is required.

Allocation of Security Key

The only security key used by the Problem List Package is GMPL ICD CODE, used to determine if the current user is trained and authorized to code provider text relating to the ICD Diagnosis codes. Recommended allocation: PIMS Coding Clerks.

Exported Options and Menus

The three menus exported with Problem List are:

Problem List Mgt Menu Create Problem Selection List (contained on the Management menu) Problem List User Preferences Menus.

Allocation of Menus and Options

IRMS or the Clinical Coordinator can allocate the Problem List menus and options to clinical and clerical users, as appropriate. Only one set-up option (described on the next page) exists for setting site parameters. Several options can help customize the Problem List for users.

Menu or Option Name	Technical Name	Who
Assign ICD Diagnoses to Problem List	GMPL CODE LIST	PIMS Clerks, Clinical Coordinators
Create Problem Selection List	GMPL BUILD LIST MENU	IRMS, Clinical Coordinators
Patient Problem List	GMPL CLINICAL USER	Clinicians, Nurses, Clinical Coordinators
Problem List Data Entry	GMPL DATA ENTRY	PIMS Clerks, Clinical Coordinators
Problem List Mgt Menu	GMPL MGT MENU	IRMS, Clinical Coordinators
Problem List User Preferences Menu	GMPL USER PREFS MENU	IRMS, Clinical Coordinators, Clinicians, Nurses
Problem List NTRT Follow- up Report	GMPL NTRT F/U RPT	Clinical Coordinators, Clinicians, Nurses
Problem List Freetext Follow-up Report		Clinical Coordinators, Clinicians, Nurses
SNOMED in Diagnosis Field Error Report	GMPL DIAG ERROR REPORT	Clinical Coordinators
SNOMED in Diagnosis Field Cleanup Report	GMPL DIAG CLEANUP REPORT	Clinical Coordinators
Generate SNOMED in Diagnosis Field Err/Cleanup Rpt	GMPL GENERATE DIAG RPTS	Clinical Coordinators

The options listed below will need to be added to clinician or user menus:

Patient Problem List [GMPL CLINICAL USER]
Problem List Data Entry GMPL DATA ENTRY]
Assign ICD Diagnoses to Problem List [GMPL CODE LIST]
Problem List User Preferences Menu IIGMPL USER PREFS MENU]

See the Problem List User Manual for further descriptions of Problem List options.

Routine Descriptions

Namespace: GMPL

XUPRROU (List Routines) prints a list of any or all of the Health Summary routines. This option is found on the XUPR-ROUTINE-TOOLS menu on the XUPROG (Programmer Options) menu, which is a sub-menu of the EVE (Systems Manager Menu) option.

```
Select Systems Manager Menu Option: programmer Options

Select Programmer Options Option: routine Tools

Select Routine Tools Option: list Routines
Routine Print
Want to start each routine on a new page: No// [ENTER]

routine(s) ? > GMPL*
```

The first line of each routine contains a brief description of the general function of the routine. Use the Kernel option XU FIRST LINE PRINT (First Line Routine Print) to print a list of just the first line of each GMTS subset routine.

```
Select Systems Manager Menu Option: programmer Options

Select Programmer Options Option: routine Tools

Select Routine Tools Option: First Line Routine Print

PRINTS FIRST LINES

routine(s) ? >GMTS*
```

Cross-References

The Problem List files contain the following MUMPS-type cross-references:

#125.1 - PROBLEM SELECTION LIST CONTENTS FILE

C Cross Reference: 125.1^C^MUMPS

Allows retrieval of list contents in sequenced order.

#125.12 - PROBLEM SELECTION CATEGORY CONTENTS FILE

C Cross-reference: 125.12^C^MUMPS

Allows retrieval of problem categories in sequenced order.

Cross-reference: 125.12^{\(\circ\)}C1^{\(\circ\)}MUMPS

- 1) S ^GMPL(125.12,"C",\$P(^GMPL(125.12,DA,0),U),X,DA)=""
- 2) K ^GMPL(125.12,"C",\$P(^GMPL(125.12,DA,0),U),X,DA)

Allows retrieval of problem categories in sequenced order.

#125.8 - PROBLEM LIST AUDIT FILE

AD Cross-reference: 125.8^**AD**^MUMPS

- 2) K ^GMPL(125.8,"AD",X,+(99999999-\$P(^GMPL(125.8,DA,0),U,3)),DA)

Used to retrieve a problem's audit trail in reverse-chronological order.

Cross-reference: 125.8^AD1^MUMPS

- 1) S ^GMPL(125.8,"AD",\$P(^GMPL(125.8,DA,0),U), (9999999-X),DA)=""
- 2) K ^GMPL(125.8,"AD",\$P(^GMPL(125.8,DA,0),U), (9999999-X),DA)

Used to retrieve a problem's audit trail in reverse-chronological order.

#9000011 - PROBLEM FILE

AA Cross-reference: 9000011^**AA**^"MUMPS

- 1) S ^AUPNPROB("AA",\$P(^AUPNPROB(DA,0),U,2), \$P(^(0),U,6)," "_\$E("000",1,4-\$L(\$P(X,".",1))-1)_ \$P(X,".",1)_"."_\$P(X,".",2)_\$E("00",1,3-\$L(\$P(X,".",2))-1),DA)=""
- 2) K ^AUPNPROB("AA",\$P(^AUPNPROB(DA,0),U,2), \$P(^(0),U,6)," "_\$E("000",1,4-\$L(\$P(X,".",1))-1)_ \$P(X,".",1)_"."_\$P(X,".",2)_\$E("00",1,3-\$L(\$P(X,".",2))-1),DA)

Allows problem retrieval by patient, facility, and problem number (Nmbr); the number is used as a string in "000.00" format to assure a consistent ordering.

Cross-reference: 9000011^AATOO^MUMPS

- 1) I \$P(^AUPNPROB(DA,0),U,6)]"",\$P(^(0),U,7)]""
 S X1=\$P(\$P(^(0),U,7),"."),X2=\$P(\$P(^(0),U,7),
 ".",2),^AUPNPROB("AA",X,\$P(^(0),U,6)," "_\$E("000",
 1,4-\$L(X1)-1)_X1_"."_X2_\$E("00",1,3-\$L(X2)-1
),DA)="" K X1,X2
- 2) I \$P(^AUPNPROB(DA,0),U,6)]"",\$P(^(0),U,7)]""

 S X1=\$P(\$P(^(0),U,7),"."),X2=\$P(\$P(^(0),U,7),

 ".",2) K ^AUPNPROB("AA",X,\$P(^(0),U,6)," "_\$E("000",

 1,4-\$L(X1)-1)_X1_"."_X2_\$E("00",1,3-\$L(X2)

 -1),DA),X1,X2

Allows problem retrieval by patient, facility, and problem number (Nmbr); the number is used as a string in "000.00" format to assure a consistent ordering.

Cross-reference: 9000011^AATOO2^MUMPS

- 2) I \$P(^AUPNPROB(DA,0),U,2)]"",\$P(^(0),U,7)]""

 S X1=\$P(\$P(^(0),U,7),"."),X2=\$P(\$P(^(0),U,7),".",2)

 K ^AUPNPROB("AA",\$P(^(0),U,2),X," "_\$E("000",1,

 4-\$L(X1)-1)_X1_"."_X2_\$E("00",1,3-\$L(X2)-1),DA),X1,X2

Allows problem retrieval by patient, facility, and problem number (Nmbr); the number is used as a string in "000.00" format to assure a consistent ordering.

ACTIVE Cross-reference: 9000011^ACTIVE^"MUMPS

- 1) S:\$P(^AUPNPROB(DA,0),U,2) ^AUPNPROB("ACTIVE", +\$P(^(0),U,2),X,DA)=""
- 2) K
 ^AUPNPROB("ACTIVE",+\$P(^AUPNPROB(DA,0),U,2),X,DA)

Allows problem retrieval by patient and status, in order of entry.

ASCT Cross-reference: 9000011^ASCT

1)= S ^AUPNPROB("ASCT",\$E(X,1,30),DA)=""
2)= K ^AUPNPROB("ASCT",\$E(X,1,30),DA)
3)= ** DO NOT DELETE **

This REGULAR FileMan cross-reference on SNOMED CT Concept will help to automate the updating of problems when SNOMED Concepts are mapped or re-mapped to ICD-9-CM codes.

AV9 Cross-reference: 9000011^**AV9**^MUMPS

- 1) S:\$D(APCDLOOK) DIC("DR")=""
- 2) Q

Controls the behavior of the input templates used by IHS to populate

and maintain this file.

Cross-reference:9000011.1111^AV9^MUMPS

- 1) S:\$D(APCDLOOK) DIC("DR")=""
- 2) Q

Controls the behavior of the input templates used by IHS to populate and maintain this file.

Archiving and Purging

Archiving and purging utilities, as such, are not provided in the distributed files for version 2.0.

However, the PROBLEM LIST AUDIT FILE, #125.8, holds an audit trail of all changes made to the Problem List file entries including the old and new values, who made the change, and why.

Callable Routines/Entry Points/Application Program Interfaces (APIs)

APIs, callable routines, and entry points can be viewed by first choosing the *DBA* menu option on FORUM and then choosing the *Integration Agreements Menu* option: IAs INTEGRATION CONTROL REGISTRATIONS ...

External Relations

The Problem List package is dependent upon the following VistA packages to function correctly.

Package	Minimum Version for initial Installation	Recommended Version as of Patch 42
ICD-10	N/A	ICD*18*57
Lexicon Utility Kernel	1.0 7.1	2*80 8.0
Toolkit (MTLU)	7.2	7.3
List Manager	1.0	1.0
OE/RR	2.5	3.0
PCE	1.0	1.0
PIMS/MAS	5.3	5.3
Fileman	20.0	22.0
Unwinder	7.1	Kernel 8.0

Internal Relations

All options may be independently invoked.

Menus

GMPL MGT MENU

Problem List Mgt Menu

- 1 Patient Problem List [GMPL CLINICAL USER]
- 2 Edit PL Site Parameters [ROUTINE]
- 3 Create Problem Selection Lists ... [GMPL BUILD LIST MENU]
- 4 List Patients with Problem List data [GMPL PATIENT LISTING]
- 5 Search for Patients having selected Problem [GMPL PROBLEM LISTING]
- 6 Replace Removed Problem(s) on Patient's List [GMPL REPLACE PROBLEMS]
- 7 Problem List NTRT Follow-up Report [GMPL NTRT F/U RPT]
- 8 Problem List Freetext Follow-up Report [GMPL FREETEXT F/U REPORT]
- 9 SNOMED in Diagnosis Field Error Report [GMPL DIAG ERROR REPORT]
- 10 SNOMED in Diagnosis Field Cleanup Report [GMPL DIAG CLEANUP REPORT]
- 11 Generate SNOMED in Diagnosis Field Err/Cleanup Rpt [GMPL GENERATE DIAG RPTS]

GMPL BUILD LIST MENU

Create Problem Selection Lists

- 1 Build Problem Selection List(s) [GMPL BUILD SELECTION LIST]
- 2 Copy Selection List from IB Encounter Form [GMPL BUILD ENC FORM LIST]
- 3 Assign Selection List to User(s) [GMPL ASSIGN LIST]
- Remove Selection List from User(s) [GMPL DE-ASSIGN LIST]
- 5 Delete Problem Selection List [GMPL DELETE LIST]

GMPL USER LOOK-UP DEFAULTS

Problem Look-up Defaults

- 1 Filter [GMPL USER LOOK-UP FILTER]
- 2 Display [GMPL USER LOOK-UP DISPLAY]
- 3 Vocabulary [GMPL USER LOOK-UP VOCABULARY]
- 4 Shortcuts [GMPL USER LOOK-UP SHORTCUTS]
- 5 List Current Defaults [GMPL USER LOOK-UP LIST]

GMPL USER PREFS MENU

Problem List User Preferences Menu

- 1 Problem List Preferred View [GMPL USER VIEW]
- 2 Problem Look-up Defaults ... [GMPL USER LOOK-UP DEFAULTS]
- 3 Preferred Problem Selection List [GMPL USER LIST]

Options

GMPL CLINICAL USER

Patient Problem List

This option allows clinical users access to the Problem List application; control is passed to the List Manager utility.

GMPL DATA ENTRY

Problem List Data Entry

This option allows data entry/maintenance access to the Problem List application; the List Manager utility is invoked here.

GMPL USER VIEW

Problem List Preferred View

This option allows an individual user to define his/her own default view of patient problem lists. Rather than displaying all active problems for a patient, the application will show active problems associated with only selected services or clinics, as defined here. A user may choose to see a different view of the problem list from within the application by selecting the "Change View" action, including all problems.

GMPL PATIENT LISTING

List Patients with Problem List data

This option will generate a listing of all patients having data in the Problem file #9000011.

GMPL PROBLEM LISTING

Search for Patients having selected Problem

This option will generate a listing of all patients identified as having a particular problem in the Problem file #9000011; the user is first prompted for the problem, then the file is searched for patients having this problem.

GMPL BUILD SELECTION LIST

Build Problem Selection List(s)

This option allows access to utilities to facilitate the creation and maintenance of problem menus, i.e. lists of commonly selected problems. Categories of problems may be defined, and lists created from linking categories together; categories may be reused in multiple lists.

GMPL ASSIGN LIST

Assign Selection List to User(s)

This option allows a selection list to be assigned to user(s) as his/her preferred menu of problems to select from. If a list is specified in the Problem List Default Menu field (#125.1) of the New Person file, then the Add New Problem(s) option will present this list of problems to select from; searching the Lexicon Utility for a problem not on this list is always an option from these menus.

GMPL BUILD ENC FORM LIST Copy Selection List from IB Encounter Form

This option will allow creating a new selection list by copying a list already created through the Encounter Form utility (Integrated Billing package) into a new entry in file #125. This list will then be available for editing further (only the new list will be altered - the list saved in the Integrated Billing pkg with the form will not be changed here), or for use to select from when entering new problems to a patient's list.

GMPL CODE LIST

Assign ICD Diagnoses to Problem List

This option allows access to a patient's problem list to add, review, or edit the ICD Code assigned to each problem. A detailed display of problem data is available, as well as searching capability into both the ICD Diagnosis file and the Lexicon Utility to facilitate the coding process.

GMPL DELETE LIST

Delete Problem Selection List

This option will allow the user to delete a problem selection list and its contents that is no longer in use. Once a list is selected, the New Person file, "Problem Selection List" field, for pointers to the chosen list; if any users are found, deleting the list is not permitted.

GMPL REPLACE PROBLEMS

Replace Removed Problem(s) on Patient's List

This option will allow the user to list all of the problems that have been removed from a selected patient's problem list, and optionally place any of them back on the problem list.

GMPL DE-ASSIGN LIST

Remove Selection List from User(s)

This option allows a selection list to be removed from user(s) as his/her preferred menu of problems to select from. The Add New Problem(s) option will no longer automatically present this menu for the selected user(s) to choose from.

GMPL USER LOOK-UP FILTER

Filter

This option lets the user either select or create a filter to use while searching the Lexicon.

GMPL USER LOOK-UP DISPLAY

Display

This option lets the user either select or create a display format to be used in presenting the selection list during search of the Lexicon.

GMPL USER LOOK-UP VOCABULARY Vocabulary

This option lets the user select a default vocabulary (subset) of the Lexicon to be used during searches (i.e., Nursing, Social Work, etc.).

GMPL USER LOOK-UP SHORTCUTS Shortcuts

This options lets the user select default set of shortcuts to use to rapidly access the Lexicon without conducting an extensive word search.

GMPL USER LOOK-UP LIST

List Current Defaults

This option lets a user list their current look-up defaults to a device (terminal or printer).

GMPL USER LIST

Preferred Problem Selection List

This option allows an individual user to define his/her own default list of commonly selected problems; this list will be displayed when the action 'Add New Problem(s)' is invoked, and the user may either choose to add a problem from the menu (selected by display number) or search the Lexicon for a problem not listed. The same prompts will asked per problem to complete the entry.

GMPL NTRT FOLLOWUP REPORT

This report allows sites to evaluate problems with valid SNOMED CT Concept codes, which were unmapped to ICD at the time of entry.

The report may be filtered by Medical Center Division, Provider(s), and Time Interval.

GMPL FREETEXT FOLLOWUP REPORT

This report allows sites to evaluate uncoded freetext problems that have been entered by one or more providers over a specified time interval.

GMPL DIAG ERROR REPORT SNOMED in Diagnosis Field Error Report

This report goes back to the last Problem file cleanup runtime. This report allows sites to identify any occurences where SNOMED codes have been saved in the Diagnosis field #.01 where an ICD code should be.

GMPL DIAG CLEANUP REPORT SNOMED in Diagnosis Field Cleanup Report

This report goes back to the last Problem file cleanup runtime .This report allows sites to identify any corrections where SNOMED codes in the Diagnosis field #.01 were corrected to ICD codes.

GMPL GENERATE DIAG RPTS Generate SNOMED in Diagnosis Field Err/Cleanup Report

This option allows a user to rerun the file scan and cleanup tasks for any potential new errors.

Protocols

GMPL ANNOTATE

Comment on a Problem

This action will append a brief comment(s) to a problem entry, up to 200 characters in length.

GMPL CODE ICD SEARCH

Search ICD Diagnoses for Codes

This option allows the user to search the ICD Diagnosis file for the selected problem's text; for this option it is recommended that the Multi-Term Lookup utility be setup to operate on this file (#80).

GMPL CODE LIST

Problem List ICD Codes

This menu uses the List Manager utility to display all of a patient's problems with data relevant to a billing clerk/coder. Only the ICD code may be edited, but a detailed display of all information stored about a problem is available to facilitate the assignment of a code.

GMPL DATA ENTRY

Problem List Data Entry

This menu uses the List Manager utility to display a patient's problem list with data relevant to the needs of a clinic or billing clerk. Various actions may be taken here such as adding, removing, editing, and printing problems.

GMPL DELETE

Remove Problems

This action will remove an entry from a patient's problem list; the problem is not physically deleted from the file, but flagged as "removed" and, except for historical purposes, generally ignored.

GMPL DETAILED DISPLAY

Detailed Display

This action will present an expanded display of each problem selected from the patient's problem list. All available information will be shown, including comments by all authors and an audit trail of changes made to the problem.

GMPL DT CONTINUE

Continue to Next Selected Problem

If multiple problems were selected for review under the "Detailed Display" action, this will allow retrieval of the data from the next problem of those selected.

GMPL DT MENU

Detailed Display

This menu contains actions available for navigating the problems selected to review in the "Detailed Display" action. The user may go on to the next selected problem when finished reviewing, or exit and return to the problem list.

GMPL EDIT ICD

ICD Code

This action allows a user with the GMPL ICD CODE key to assign a [new] ICD Code to a problem.

GMPL EDIT MENU

Edit Problem Values

This protocol is for use with the List Manager utility, to display the current editable values of the selected problem entry in a list format for editing.

GMPL EDIT NEW NOTE

Append a new note to problem

This action will allow appending additional comment(s) to the currently selected problem.

GMPL EDIT NOTES

Edit Existing Note(s)

This action will allow editing of comments that have previously been appended to a problem entry. Notes will be displayed for editing only if the current user is the author of the note; accessing this action through the Manager's Menu will set a flag allowing all notes for the current problem to be displayed and edited.

GMPL EDIT ONSET

Onset

This action allows the entry/editing of the date of onset of a problem.

GMPL EDIT PROBLEM

Edit a Problem

This option allows editing of select fields of a problem entry; all changes made to a patient's problem are recorded in the Problem Audit file. A problem is selected, and control is transferred to the List Manager and GMPL EDIT MENU protocol.

GMPL EDIT PROVIDER

Primary Provider

This action allows the entry/editing of the primary provider of care for this problem.

GMPL EDIT RECORDED

Date Recorded

This action allows editing of the date the problem was originally recorded; date will default to NOW when entering a new problem, but may be changed to an earlier date to reflect entry in the paper chart.

GMPL EDIT REFORMULATE Reformulate Problem Description

This action allows limited reformulation of the current problem. If new problem text is entered, the narrative is passed to the Lexicon Utility to find a match; both the user's narrative and the new Clinical term will be stored, as with a new problem entry. If the new problem selected from the LU is already an entry on the patient's list, the user will be alerted.

GMPL EDIT REMOVE

Remove Problem from List

This action will remove the current entry from the patient's list; the problem is not physically deleted from the file, but flagged as "removed" and, except for historical purposes, generally ignored. The user is then returned to the entire problem list.

GMPL EDIT SAVE

Save Changes and Exit

This action allows the user to save any changes made to the current problem, and return to the entire problem list. If this action is not selected and the problem has been changed, the user will be asked when exiting if s/he wishes to save the changes.

GMPL EDIT SC

Service Connection

This action allows editing the service connection status of the current problem; if the service connection of this problem was previously unknown, it may be entered here. Data will only be asked for if the patient has service connection indicated in the Patient file. MCCR will be using this data for billing purposes.

GMPL EDIT SERVICE

Service or Clinic

This action allows the entry/editing of the service primarily responsible for the care of this problem. This data will be used for screening and grouping the problems displayed in the user's selected view of the list.

GMPL EDIT SP

Special Exposure

This action allows editing the special exposures associated with the current problem; if exposures related to this problem were previously unknown, it may be entered here. Data will only be asked for if the patient is indicated for Agent Orange, Ionizing Radiation, or Persian Gulf exposures in the Patient file. MCCR will be using this data for billing.

GMPL EDIT STATUS

Status

This action allows editing the status assigned to a problem; if the problem is inactivated, the user will be asked for Date Resolved also.

GMPL EDIT VERIFY

Verify

If the parameter "Verify Transcribed Problems" is turned on in the Problem List Site Parameters file (#125.99), this action will allow a clinician to mark the current problem as verified. A "\$" will appear immediately in front of the problem text if the current problem was transcribed in by a clerk and the above described parameter is on; entering a "\$" at the "Select Item" prompt will invoke

this action.

GMPL HIDDEN MENU

Problem List Hidden Actions

This menu contains the List Manager functions relevant to the operation of the Problem List application; it is accessible from any "Select Action" prompt by entering "??".

GMPL INACTIVATE

Inactivate Problems

This action allows a problem to be inactivated.

GMPL LIST CLU

Add a Problem not on the Menu

This action will allow selection of a problem not listed in the displayed menu, to be added to the current patient's problem list. The code invoked here is the same as for the regular 'Add' action, possibly allowing a look-up into the Clinical Lexicon Utility.

GMPL LIST MENU

List Commonly Seen Problems

This protocol is for use with the List Manager utility, to display the user's preferred list of commonly seen problems to facilitate selection and addition to the patient's problem list.

GMPL LIST SELECT ITEM

Select Item from Menu

This action will allow selection of a problem listed in the displayed menu, to be added to the current patient's problem list. The same prompts will be stepped through for each problem selected as if it had been entered through the regular 'Add' action. If the item selected is a category heading, the list will be expanded to include all the problems included in that category for selection.

GMPL MENU ADD GROUP

Add Category to List

This action allows adding one or more problem categories to a selection list.

GMPL MENU ADD PROBLEM

Add Problems to Category

This action allows adding one or more problems to a problem category.

GMPL MENU ASSIGN LIST

Assign List

This action allows the user to assign this list to a clinic or to user(s). Linking a list to a clinic will invoke the list whenever a user selects that clinic as the location where the patient was seen, when adding new problems. If a list is linked to a user, this is the list that will always be invoked when that user is adding new problems, regardless of the clinic specified that the patient was seen in.

GMPL MENU BUILD GROUP

Build Problem Categories

This menu allows the creation of categories of problems, to facilitate selecting a new problem to add to a patient's problem list. Categories may then be linked together to form lists, in which they may be ordered and titled. Categories may be reused in multiple lists, as well.

GMPL MENU BUILD LIST

Build Problem Selection List

This menu allows the creation of lists of problems, to facilitate selecting a new problem to add to a patient's problem list. Problems are added or removed in

categories, which may also be ordered or titled for clarity.

GMPL MENU CREATE GROUP Enter/Edit Category

This action transfers control to the List Manager utility, to bring up a new screen allowing the entry/editing of any problem category. The user will be asked for the category s/he wishes to review and edit, and a screen similar to the 'Build List' menu will be shown allowing similar actions to edit the contents of the selected category. A new category may be entered here, which will be available to add to the current list upon return to the 'Build List' screen when finished.

GMPL MENU DELETE GROUP Delete Category

This action allows the user to delete a problem category; it will be completely removed from the Problem Selection Category file, if no list currently contains it.

GMPL MENU EDIT GROUP DISPLAY Edit Category Display

This action allows the user to change the text that appears as the subheader of a category of problems, and whether or not to display the problems in the category automatically on entry to the list.

GMPL MENU EDIT PROBLEM Edit Problems

This action allows the user to edit the problem and its associated code; if no code is currently assigned to the problem, one may be entered.

GMPL MENU NEW GROUP Change Categories

This action allows the user to switch to editing a new problem category.

GMPL MENU NEW LIST

Change Selection Lists

This action allows the user to switch to editing a new problem selection list.

GMPL MENU REMOVE GROUP Remove Category from List

This action allows the user to remove a problem category from the current list; it remains in the Problem Selection Category file for future use.

GMPL MENU REMOVE PROBLEM Remove Problem from Category

This action allows the user to remove a problem from the current category.

GMPL MENU RESEQUENCE GROUPS Resequence Categories

This action allows the user to place the problem categories on the current list in a different order; problems will be automatically renumbered.

GMPL MENU RESEQUENCE PROBLEMS Resequence Problems

This action allows the user to place the problems in the current category in a different order; problems will be automatically renumbered for display and selection purposes.

GMPL MENU SAVE GROUP Save Category and Quit

This action allows the user to save any changes that have been made to the current category and exit the utility.

GMPL MENU SAVE LIST Save List and Ouit

This action allows the user to save any changes that have been made to the current list and exit the utility.

GMPL MENU VIEW GROUP

View w/wo Seq Numbers

This action allows the user to toggle between displaying the sequence numbers assigned to each problem for ordering, or the display numbers only.

GMPL MENU VIEW LIST

View w/wo Seq Numbers

This action allows the user to toggle between displaying the sequence numbers assigned to each category for ordering, or the display numbers only.

GMPL NEW PROBLEM

Add New Problems

This action will allow the addition of a new entry to a patient's problem list. The user will be asked to select a term from the Clinical Lexicon Utility describing the problem, and to enter other relevant information.

GMPL OE DATA ENTRY

Patient Problem List

This action will allow entry to the Problem List application from the OE/RR Ward Clerk menu. The variable ORVP is checked for the current patient, and then control is passed to the PL.

GMPL OE PROBLEM LIST

Patient Problem List

This action will allow entry to the Problem List application from the OE/RR Clinician and Nurse menus. The variable ORVP is checked for the current patient, and then control is passed to the PL.

GMPL PATIENT

Select New Patient

This allows selection of a new patient from within the Problem List application; a new list will be generated and displayed for review.

GMPL PRINT

Print Problem List

This action allows printing a copy of the problem list, either the currently displayed view (which may be abbreviated) or the complete list in chartable format.

GMPL PRINT LIST

Print Problem List

This action will generate a complete listing of the patient's problem list in chartable format. Active and inactive problems will appear here in this listing.

GMPL PROBLEM LIST

Problem List

This menu uses the List Manager utility to display a patient's problem list with data relevant to the needs of a clinician. Various actions may be taken here such as adding, removing, editing, inactivating, and appending comments; the user may also see a detailed display of selected problem(s) or change which problems appear on the displayed view of the list. A new patient's list may be selected or a printout of the list generated.

GMPL UP ADD ITEM

Add Items to View

This action allows the user to include additional service(s) in his/her preferred view of patient problem lists.

GMPL UP DELETE VIEW

Delete Preferred View & Exit

This action allows the user to delete his/her preferred view and exit the utility. The user will again see all active problems, when initially displaying a patient's

problem list.

GMPL UP REMOVE ITEM

Remove Items from View

This action allows the user to remove service(s) from his/her preferred view of patient problem lists.

GMPL UP SAVE VIEW

Save Preferred View & Exit

This action allows the user to save any changes made to his/her preferred view of patient problem lists; control is passed back to the User Preferences menu.

GMPL UP SWITCH

Select New View of Problems

This action allows the user to switch to a different preferred view. If one is currently editing a service view of problem lists, this action will clear the current view and bring up a list of clinics from which to select a view, and vice-versa from clinic to service list. NOTE: Each user may have only ONE preferred view at a time!

GMPL USER PREFS

Preferred View of Problem List

This menu contains actions allowing a user to change his/her preferred view of patient problem lists. A set of services may be defined here that will be used as a default screen when displaying patient problem lists for this user; the view may be changed dynamically within the Problem List application through the "Change View" action, but it will not be stored as a new default unless updated here.

GMPL VERIFY

Verify Problems

If the parameter "Verify Transcribed Problems" is turned on in the Problem List Site Parameters file (#125.99), this action will allow a clinician to mark the selected problem(s) as verified. A "\$" will appear immediately in front of the problem text for problems that were transcribed in by a clerk and the above described parameter is on; entering a "\$" at the "Select Action" prompt will invoke this action.

GMPL VIEW

Select View of List

This allows the user to change the problems displayed onscreen in the patient's list, on-the-fly. Various attributes are presented for selection such as status, provider, and clinic (or service if the patient is currently admitted).

GMPL VIEW ACTIVE

Active only

This action will screen the problems from the current patient's list for only those that are currently active.

GMPL VIEW ALL CLIN

All Clinics

This action will remove any current screen on clinics associated with problems, and include problems being followed by all clinics.

GMPL VIEW ALL PROV

All Providers

This action will remove any current screen on primary providers of care for problems, and include problems being treated by all providers.

GMPL VIEW ALL SERV

All Services

This action will remove any current screen on services associated with problems,

and include problems being treated by all services.

GMPL VIEW BOTH

Active & Inactive

This action will remove any current screen on problem status and include problems that are both active and inactive on the display.

GMPL VIEW CLINIC

Selected Clinic(s)

This action will screen the problems from the current patient's list for only those associated with the selected clinic(s) for care.

GMPL VIEW INACTIVE

Inactive only

This action will screen the problems from the current patient's list for only those that are currently inactive.

GMPL VIEW INCLUDE INACTIVE

Show All Problems

This action will include problems that are both active and inactive on the list of problems displayed; active problems will appear first, followed by the inactive problems.

GMPL VIEW INPAT

Inpatient View Menu

This menu contains actions allowing the user to change his/her current view of the patient's problem list. The problems displayed onscreen may be changed by selecting the status, service, and/or provider from which the user wishes to see problems listed. The number of problems listed and the total number of problems will be shown in the upper right-hand corner of the screen.

GMPL VIEW OUTPAT

Outpatient View Menu

This menu contains actions allowing the user to change his/her current view of the patient's problem list. The problems displayed onscreen may be changed by selecting the status, clinic, and/or provider from which the user wishes to see problems listed. The number of problems listed and the total number of problems will be shown in the upper right-hand corner of the screen.

GMPL VIEW PROVIDER

Selected Provider

This action will screen the problems from the current patient's list for only those listed as being treated by the selected provider.

GMPL VIEW RESTORE

Preferred View

This action will replace the currently specified view with the user's pre-defined preferred view.

GMPL VIEW SERVICE

Selected Service(s)

This action will screen the problems from the current patient's list for only those associated with the selected service(s) for care.

GMPL VIEW SWITCH

Inpatient View

This action will allow the user to switch from displaying the problems in an outpatient mode to an inpatient mode, or vice-versa. If clinic information is currently being displayed, service and provider will now be displayed after selecting this action; likewise, if service and provider information are currently displayed, clinic will now be shown.

Package-Wide Variables

Patient Variables

GMTSAGTOR Flag; if patient was exposed to Agent Orange,

1 = Y, 0 = N

GMPDFN Holds pointer to the current patient, = pointer ^ patient name

GMPGULF Flag; if patient was in the Persian Gulf and exposed to

environmental contaminants, 1 = Y, 0 = N

GMPHNC Flag; if patient is diagnosed with Head and/or Neck Cancer

from exposure to Nose or Throat Radium treatments,

1 = Y, 0 = N

GMPION Flag; if patient was exposed to ionizing radiation,

1 = Y, 0 = N

GMPMST Flag; if patient was victim to Military Sexual Trauma,

1 = Y, 0 = N

GMPSC Flag; patient is service connected or not (PIMMS),

1 =service connected, 0 =not service connected.

Current View of List Variables

GMPLVIEW("ACT") Status of the currently displayed view of the Problem List,

= A if active only, I if inactive only, and "" (null) if all

problems are included.

GMPLVIEW("CLIN") Contains all of the clinics included in the currently

displayed view of the list, as pointers to the Hospital

Location file (#44) in the form of "ptr/ptr/ptr..." or "" (null)

if all are included.

GMPLVIEW("PROV") Provider of the currently displayed list,

= ptr (file #200) ^ Name, or 0 if all providers

GMPLVIEW("SERV") Contains all of the Services included in the currently

displayed

view of the list, as pointers to the Service/Section fiel (#49) in the form of "ptr/ptr/ptr..." or "" (null) if all are included.

Site Parameter Variables

GMPARAM("CLU") Flag; based on parameter, to allow user to search the

Lexicon Utility for a problem.

GMPARAM("PRT") Flag; based on parameter, to prompt for a new printout.

GMPARAM("REV") Flag; based on parameter, determine if list will display in

chronological or reverse chronological order by date

recorded.

GMPARAM("VER") Flag; transcribed problems flagged for verification (based

on parameter) 1 = Yes, 0 = No

Other Variables

GMPCOUNT Total number of problems in currently displayed list

GMPLUSER Flag; if user entered package through clinical or data entry

interface = \$D if clinical, '\$D if clerical

GMPRINT Flag; if patient's list has changed during user's session,

need to print new problem list.

GMPROV Requesting Provider of action on Problem List defaults to

current user (DUZ) if clinician = prt (to #200) ^ Name

GMPVA Flag; if site is a VAMC (1) or non-VA (0).

Set based on DUZ("AG")

GMPVAMC User's station/facility = DUZ(2) = ptr to Institution file (#4)

How to Generate On-Line Documentation

Routines

To get a list or printout of any or all of the Problem List routines, use the Kernel option XUPRROU (List Routines). This option is on the XUPR-ROUTINE-TOOLS menu on the XUPROG (Programmer Options) menu, which is a submenu of the EVE (Systems Manager Menu) option.

To get a list of all Problem List routines, type GMPL* after you are prompted for routines.

The first line of each routine contains a brief description of the general function of the routine. Use the Kernel option XU FIRST LINE PRINT (First Line Routine Print) to get a list of just the first line of each Problem List routine.

Globals

The globals exported by Problem List are 'GMPL(and 'AUPNPROB(. To get a printout of these global, use the Kernel option XUPRGL (List Global) on the XUPROG (Programmer Options) menu, which is a sub-menu of the EVE (Systems Manager Menu) option.

Files/Data Dictionary

The number-spaces for Problem List files are 125 to 125.99. Use the VA Fileman option DILIST (List File Attributes) to get a list of these files. Depending on the Fileman template used to print the list, this option will print out all or part of the data dictionary for the Problem List files.

Menus/Options

The menus and options exported by the Problem List package all begin with the GMPL name space. You can view individual options by using the Kernel option XUINQUIRE (Inquire). This option is on the menu XUMAINT (Menu Management), which is a sub-menu of the EVE (Systems Manager Menu) option.

You can produce a diagram of the structure of the Problem List menus and their options with the Kernel option XQDIAGMENU (Diagram Menus). Choosing XQDIAGMENU allows you to further select XUUSERACC for a diagram of the menus, XUUSERACC1 for a detailed diagram of the menus with entry and exit actions, or XUUSERACC2 for an abbreviated diagram of the menu and options.

XINDEX

XINDEX is a routine that produces a report called the VA Cross-Referencer, a technical and cross-reference listing of one routine or a group of routines. XINDEX provides a summary of errors and warnings for routines that do not comply with VA programming standards and conventions, a list of local and global variables and what sub-routine they are referenced in, and a listing of internal and external references (both routine calls and global references).

When prompted to select routines, select GMPL* for Problem List application routines. You can de-select the Problem initialization routines by selecting - GMPLI* and -GMPLO*.

Glossary

The OIT Master Glossary is available at:

http://vaww.oed.wss.va.gov/process/Library/master_glossary/masterglossary.htm

National Acronym Directory:

http://vaww1.va.gov/Acronyms/

Action A functional process a user takes within the Problem List option

that affects the end result or what is actually accomplished by the option. *Examples*: Edit a problem, print a problem, list, add a

comment to a problem.

Audit A feature that provides an ongoing chronological listing of who

made what changes to the Problem List.

Clinical Term Names used for problems, diagnosis, procedures, etc.

Clinician A doctor or other health care provider in the medical center who

is authorized to enter problems onto a patient's chart.

CPRS Computerized Patient Record System is an umbrella term used to

refer to clinical packages accessed by health care providers, to include Adverse Reaction Tracking System, Clinical Reminders,

Consults/Request Tracking, Health Summary, Order

Entry/Results Reporting, *Problem List*, and Text Integration

Utility.

CPT Clinical Procedures Terminology is a coding and classification

system for procedures used for billing purposes, and published

by the American Medical Association.

Data Dictionary This is a file that defines a file's structure, to include a file's fields

and relationship to other files. This is sometimes called schema.

DSM-IVR Diagnostic and Statistical Manual of Mental Disorders is a

coding and classification system used by mental health professionals, and published by the American Psychiatric

Association.

Encounter Form A paper form (which can be created by a form generator utility)

for use with Problem List to print a patient's problems on, for the clinician to edit and/or add new problems, then used by clerks to

enter new problems and/or edit existing problems.

Health Summary A VistA clinical module that allows users to compile summaries

of a patient's health care by combining various components of data drawn from other VistA modules such as Laboratory,

Pharmacy, Radiology and Problem List.

ICD-9-CM International Classification of Diseases, 9th Revision, Clinical

Modification, is a coding and classification system for diagnostic terms used for billing purposes, and published by the Centers for Medicare and Medicaid Services (CMS), formerly the Health

Care Financing Administration (HCFA).

ICD-10-CM International Classification of Diseases, 10th Revision, Clinical

Modification. There is a nationwide mandate by the Centers for Medicare & Medicaid Services (CMS) that all healthcare coding is done using the International Classification of Diseases Tenth

Revision (ICD-10) code sets, effective October 1, 2013.

IHS (Indian Health Service) The Indian Health Service has a computerized system

comparable to VistA, called the Resource and Patient

Management System (RPMS). Patient Care Component (PCC) is a clinical capture module of RPMS that captures outpatient data and contains tools for query and management reports. Problem List uses some of IHS's files as part of a joint-sharing

between federal agencies.

Kernel provides the computing environment for VistA software.

Lexicon A terminology utility developed in conjunction with Problem

List that can also be used by other applications; it was originally seeded with terminology from UMLS, and is supplemented by terms used within the VA Health Care System. When adding a problem to the Problem List, a clinician may be asked to select a

term from the Lexicon.

MCCR Medical Care Cost Recovery, a VistA module that contains

various data entry methods to be used with clinical modules such

as Problem List.

Menu A particular type of Option or Protocol that leads the user to

other Options or Protocols.

MTLU Multi-Term Look-Up is part of the Kernel Toolkit and is used to

by the Lexicon to conduct a "word search" of clinical

terminology.

NTRT New Term Rapid Turnaround (NTRT) is the process to distribute

standard reference files to VistA and to HealtheVet

environments.

OE/RR Order Entry/Results Reporting is a module for managing orders

(lab, radiology, etc) and reporting back the results of such orders.

OE/RR was the predecessor for CPRS.

Option An option is a part of the menu system that performs a function

(action, print, edit, runs a routine, etc.).

PCE Patient Care Encounter provides methods for capturing encounter

data, so that clinicians, management, and Quality Assurance staff can benefit from the data. The PCE package consist of a data capture module, links to VistA ancillary packages, V-files, and a

Visit File.

PIMS The VistA Patient Information Management System (PIMS)

package provides a comprehensive range of software supporting the administrative functions of patient registration, admission, discharge, transfer, appointment scheduling, and beneficiary travel. It provides service connection and special condition

exposure support to the Problem List.

Problem The term that the clinician gives to a patient's complaint or

diagnosis.

Progress Note A VistA module, as well as a non-computerized form for

maintaining text about a patient's conditions. The Text Integration Utility (TIU) provides the support for storing and retrieving the Progress Notes, and for the management of the

notes.

Protocol Similar to an option, a protocol contains the actions and methods

required for accomplishing an order and orderables within List Manager versions of CPRS, Problem List, and other applications. Once invoked, it will lead a user through a process to complete

the order.

Remote Procedure Call (RPC) is a procedure invoked by a

client workstation to be executed by the server and the results will be returned to the client application. RPCs are used to move

Problem List data between the server and CPRS GUI.

Remote Data View Remote Data View is the ability to view Problem List on a

patient from the patient record at a remote treating facility by using Health Summary Problem List components. This is only

available after patches OR*3*85 and GMTS*2.7*29.

Security Keys define the characteristic(s), authorization(s), or

privilege(s) of the person exercising the Problem List.

SNOMED

SNOMED/CT Systematic Nomenclature of Medicine, a coding and

classification system, mostly used by the Anatomic Pathology module of Laboratory, and published by the American College of

Pathologists.

TIU The Text Integration Utility is a VistA module designed to

manage the capture, retention, retrieval and processing of any patient-visit-oriented document (i.e., Discharge Summaries,

Progress Notes, Consult Results, etc.).

UMLS Unified Medical Language System, published by the National

Institute of Health (NIH), National Library of Medicine (NLM).

Unwinder The Unwinder is part of the Kernel VistA module. It allows

hierarchical traversing of menus (as found in Menu

Management) and the structuring of order protocols into reusable

modules.

VA Fileman VA FileMan is a database management system that maintains the

data dictionary and provides utilities for input and output of data.