



RESOURCE AND PATIENT MANAGEMENT SYSTEM

CHR Reporting System

(BCH)

Technical Manual

Version 2.0
April 2013

Office of Information Technology (OIT)
Division of Information Resource Management
Albuquerque, New Mexico

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Document Version History

| Version | Date | Notes |
|---------|------------|-----------------|
| 2.0 | April 2012 | Initial version |

Preface

This manual contains the technical manual for the IHS RPMS CHR Reporting System version 2.0.

1.0 Introduction

This manual provides Indian Health Service (IHS) site managers with a technical description of the HIS RPMS Community Health Representative (CHR) Reporting System routines, files, menus, cross references, global, and other necessary information required to effectively manage the system.

All routines, files, options, and keys have a namespace starting with the letters “BCH.”

The file number range for this package is 90002.

The RPMS CHR/PCC Information and Reporting System (CHR/PCC) is used by Community Health Representatives (CHRs) to collect data about their activities. The CHR/PCC is a powerful tool. It permits CHRs to inform other members of the health-care team about health-related activities taking place in the patient's home or in the community. This data is exported to the National CHR Reporting System.

2.0 Implementation and Maintenance

The IHS RPMS CHR Reporting System occupies the BCH namespace. Options, security locks/keys, templates, routines, and globals have the namespace BCH.

2.1 System Requirements

- Kernel (XU) v8.0 or higher
- FileMan (DI) v22 or higher

2.2 Security Keys

Table 2-1 provides security key information.

Table 2-1: BCH Security Keys

| Name | Descriptive Name | Description |
|------------------------|-------------------------------|--|
| BCHZ DATA ENTRY | UNLOCKS CHR DATA ENTRY MENU | This key unlocks the CHR data entry menu. This key should be given to all CHR's who are required to enter their data. |
| BCHZ HS MANAGER | Unlocks CHR Summary Type | This key unlocks the ability to modify the structure of the CHR health summary type. |
| BCHZ MANAGER UTILITIES | UNLOCKS CHR MANAGER UTILITIES | This key unlocks the Manager Utilities menu. This key should only be given to users responsible for maintaining the site parameters, merging non-registered patients or doing exports. |
| BCHZ REPORTS | UNLOCKS CHR REPORTS | This key unlocks the CHR Reports menu. This key should only be given to users who have the authority to run CHR Reports. |
| BCHZMENU | UNLOCKS CHR MAIN MENU | This key unlocks the main CHR menu. |

3.0 Routines

This section includes a table that lists BCH routines and their descriptions.

3.1 Routines and Descriptions

Table 3-1 provides a list of routines with comprehensive descriptions of the function.

Table 3-1: BCH Routines

| Routine | Description |
|-----------|---|
| BCHABC1 | IHS/CMI/LAB - CREATE PCC V FILE ENTRIES FROM CHR RECORD |
| BCHABC2 | IHS/CMI/LAB - EDIT/DELETE PCC VISIT FROM CHR RECORD |
| BCHABCH | IHS/CMI/LAB - CHR TO PCC LINK ROUTINE |
| BCHADRS | IHS/CMI/LAB - ROLL AND SCROLL POV ENTRY |
| BCHALD | IHS/CMI/LAB - PCC LINK - NO LONGER USED |
| BCHBAN | IHS/CMI/LAB - Banner routine for CHR package |
| BCHDCOMM | IHS/CMI/LAB - COMMUNITY DOWNLOAD ROUTINE |
| BCHDHS | IHS/CMI/LAB - CHR HEALTH SUMMARY COMPONENT |
| BCHDHS1 | IHS/CMI/LAB - CHR HEALTH SUMMARY COMPONENT PART 2 |
| BCHEGP | IHS/CMI/LAB - group preventive services group form |
| BCHEGP1 | IHS/CMI/LAB - GROUP FORM DATA ENTRY CREATE RECORD |
| BCHEGR | IHS/CMI/LAB - GROUP ENTRY |
| BCHEGR1 | IHS/CMI/LAB - GROUP ENTRY |
| BCHEGR2 | IHS/CMI/LAB - GROUP DEFINITION ENTRY OF PATIENTS |
| BCHEXC | IHS/CMI/LAB - MAIN DRIVER FOR CHR EXPORT RECORD CHECK |
| BCHEXC1 | IHS/CMI/LAB - RECORD REVIEW PROCESS |
| BCHEXCP | IHS/CMI/LAB - PRNT RECORD REVIEW |
| BCHEXD | IHS/CMI/LAB - MAIN DRIVER FOR CHR EXPORT TX GEN |
| BCHEXD2 | IHS/CMI/LAB -PROCESS RECORD |
| BCHEXD21 | IHS/CMI/LAB - new export format |
| BCHEXDI | IHS/CMI/LAB - INIT FOR CHR EXPORT |
| BCHEXDI2 | IHS/CMI/LAB - Export initialization |
| BCHEXDI3 | IHS/CMI/LAB - initialization part III |
| BCHEXDSP | IHS/CMI/LAB - DISPLAY CHR EXPORT LOG DATA |
| BCHEXEOJ | IHS/CMI/LAB - Cleanup and EOJ for export |
| BCHEXERR | IHS/CMI/LAB - LOG ERROR IN EXPORT |
| BCHEXLOG | IHS/CMI/LAB - UPDATE LOG |
| BCHEXPRTN | IHS/CMI/LAB - Display TX ERRORS AUGUST 14, 1992 |
| BCHEXRE | IHS/CMI/LAB - REDO A PREVIOUS CHR EXPORT |
| BCHEXRE1 | IHS/CMI/LAB - CONT. OF REDO CHR EXPORT |
| BCHEXRLG | IHS/CMI/LAB - UPDATE LOG IN REDO |
| BCHEXRST | IHS/CMI/LAB - RESET TX LOG AUGUST 14, 1992 |
| BCHEXTAP | IHS/CMI/LAB - GENERATE TAPE OF CHR TRANSACTIONS |
| BCHFC | IHS/CMI/LAB - COUNT FORMS REPORT |
| BCHFC1 | IHS/CMI/LAB - FORMS COUNT (FILE) report process |
| BCHFCP | IHS/CMI/LAB - PRINT FORMS COUNT REPORT |
| BCHFORM | IHS/CMI/LAB - ASSIGN UNIQUE FORM # |
| BCHHS | IHS/CMI/LAB - CHR HEALTH SUMMARY CALL |
| BCHMNRP | IHS/CMI/LAB - MERGE NON-REGISTERED PATIENTS |

| Routine | Description |
|----------------|---|
| BCHMSRE | IHS/CM/LAB - Edits for measurement values |
| BCHMSRH | IHS/CM/LAB - HELP FOR MEASUREMENT VALUES |
| BCHPCCBL | IHS/CM/LAB - back load chr visits to PCC |
| BCHPEDIT | IHS/CM/LAB - INPUT TX ON PATIENT FIELD OF CHR RECORD |
| BCHPOST | IHS/CM/LAB - POST INIT ROUTINE |
| BCHRAP2P | IHS/CM/LAB - print all visit report |
| BCHRC1 | IHS/CM/LAB - CHR Report 1 |
| BCHRC11 | IHS/CM/LAB - PROCESS REPORT |
| BCHRC1P | IHS/CM/LAB - print all visit report |
| BCHRC2 | IHS/CM/LAB - CHR Report 2 |
| BCHRC2P | IHS/CM/LAB - = print all visit report |
| BCHRC5 | IHS/CM/LAB - CHR Report 1 |
| BCHRC51 | IHS/CM/LAB - PROCESS REPORT |
| BCHRC5P | IHS/CM/LAB - print dx by age |
| BCHRC6 | IHS/CM/LAB - CHR Report 2 |
| BCHRC6P | IHS/CM/LAB - print dx by age |
| BCHRC8 | IHS/CM/LAB - CHR Report 2 |
| BCHRC8P | IHS/CM/LAB - print all visit report |
| BCHRC9 | IHS/CM/LAB - CHR Report 2 |
| BCHRC9P | IHS/CM/LAB - = print all visit report |
| BCHRCH | IHS/CM/LAB - CHR Report 2 |
| BCHRCH1 | IHS/CM/LAB - PROCESS REPORT |
| BCHRCHP | IHS/CM/LAB - HIGHTLISTS Report |
| BCHRL | IHS/CM/LAB - CHR GENERAL RETRIEVAL DRIVER |
| BCHRL0 | IHS/CM/LAB - TUCSON-OHPRD/LAB - SCREEN LOGIC |
| BCHRL01 | IHS/CM/LAB - TUCSON-OHPRD/LAB - SCREEN LOGIC |
| BCHRL1 | IHS/CM/LAB - PROCESS CHR RECORD LIST |
| BCHRL2 | IHS/CM/LAB -CONT OF BCHRL |
| BCHRL3 | IHS/CM/LAB - LISTER |
| BCHRLP | IHS/CM/LAB - PRINT CHR RECORD REPORT |
| BCHRLP1 | IHS/CM/LAB - CONT OF BCHRLP |
| BCHRLP2 | IHS/CM/LAB - PRINT GEN RET |
| BCHRLS | IHS/CM/LAB - SHOW SCREENS |
| BCHRLU | IHS/CM/LAB - TUCSON-OHPRD/LAB - GEN RETR UTILITIES |
| BCHRLU1 | IHS/CM/LAB - GEN RET UTIL |
| BCHRNRL | IHS/CM/LAB - CHR Report 1 |
| BCHRP1 | IHS/CM/LAB - DETAILED/BRIEF LISTING OF RECORDS, REPORT 1 |
| BCHRP11 | IHS/CM/LAB - DETAILED/BRIEF LISTING OF RECORDS, REPORT 1 |
| BCHRP2 | IHS/CM/LAB - All visit report driver 26 Apr 2007 10:34 AM |
| BCHRP21 | IHS/CM/LAB - PROCESS REPORT |
| BCHRP2P | IHS/CM/LAB - print all visit report |
| BCHRP3 | IHS/CM/LAB - All visit report driver |
| BCHRP31 | IHS/CM/LAB - PROCESS REPORT |
| BCHRP3P | IHS/CM/LAB - print all visit report |
| BCHRP4 | IHS/CM/LAB - All visit report driver 26 Apr 2007 10:51 AM |
| BCHRPT | IHS/CM/LAB - APC visit counts by selected vars |
| BCHRPT0 | IHS/CM/LAB - MENUS FOR REPORT DRIVER |
| BCHRPT1 | IHS/CM/LAB - SELECTION OF ITEMS FOR REPORTS |
| BCHRPT4 | IHS/CM/LAB - PROCESS VISIT LIST |
| BCHRPTCP | IHS/CM/LAB - generic report cover page |
| BCHRPTI | IHS/CM/LAB - REPORT INFORMATION FOR USERS |

| Routine | Description |
|----------------|--|
| BCHRPTI1 | IHS/CM/LAB - cont. of amhrpti |
| BCHRPTST | IHS/CM/LAB - PROCESS REPORT |
| BCHRPTU | IHS/CM/LAB - REPORT UTILITIES |
| BCHRPTX | IHS/CM/LAB - CLEANUP FOR REPORT |
| BCHRPWH | IHS/CM/LAB - PCC HEALTH SUMMARY |
| BCHRTEN | IHS/CM/LAB - TOP TEN POVS |
| BCHRU1 | IHS/CM/LAB - CHR Report 1 |
| BCHRU11 | IHS/CM/LAB - PROCESS REPORT |
| BCHRU1P | IHS/CM/LAB - print all visit report |
| BCHUADD | IHS/CM/LAB - ADD NEW CHR ACTIVITY RECORDS |
| BCHUADD1 | IHS/CM/LAB - NO DESCRIPTION PROVIDED |
| BCHUAR | IHS/CM/LAB - NO DESCRIPTION PROVIDED |
| BCHUARL | IHS/CM/LAB - GETLAYS DAILY ACTIVITY RECORDS |
| BCHUDEL | IHS/CM/LAB - DELETE CHR RECORD |
| BCHUDISP | IHS/CM/LAB - DISPLAY A RECORD (FILEMAN INQUIRE FORMAT) |
| BCHUDSP | IHS/CM/LAB - display record in detail |
| BCHUEDT | IHS/CM/LAB - EDIT A CHR RECORD |
| BCHUEDT1 | IHS/CM/LAB - EDIT A RECORD |
| BCHUEKL | IHS/CM/LAB - KILL ALL VARS AND CLEANUP |
| BCHUFP | IHS/CM/LAB - PRINT ENCOUNTER RECORD |
| BCHUFPF | IHS/CM/LAB - PRINT CHR FORMS |
| BCHUIN | IHS/CM/LAB - INITIALIZE AND SET UP PARAMETERS |
| BCHULKUP | IHS/CM/LAB - lookup up record |
| BCHULV | IHS/CM/LAB - PTS LAST CHR VISIT |
| BCHUTIL | IHS/CM/LAB - UTILITIES |
| BCHUTIL1 | IHS/CM/LAB - UTILITIES |
| BCHUTIL4 | IHS/CM/LAB - UTILITIES |
| BCHVD | IHS/CM/LAB - BROWSE VISITS |
| BCHVDO | IHS/CM/LAB - BROWSE VISITS |

4.0 Files and Tables

4.1 File List

Table 4-1 provides information for files and tables.

Table 4-1: BCH File List

| File | Global | Filename | |
|----------|----------|---------------------------------|---|
| 90002 | BCHR | CHR RECORD | Contains all CHR activity records. Demographics about the visit, all measurements, and lab test values are contained in the file. |
| 90002.01 | BCHRPROB | CHR POV | Contains all assessments/POVs for a CHR visit. |
| 90002.02 | BCHRPED | CHR EDUCATION PROVIDED | Contains all education topics documented on a CHR visit. |
| 90002.11 | BCHRPAT | CHR NON-REGISTERED PATIENTS | Contains all non-registered patients. |
| 90002.31 | BCHSITE | CHR SITE PARAMETERS | Site Parameter file. |
| 90002.41 | BCHSORT | CHR REPORT SORT | Contains all items for the general retrieval report. Screen, print, and sort logic is contained in the file. |
| 90002.42 | BCHTRPT | CHR REPORT TEMPORARY DEFINITION | Contains a description of a general retrieval report. |
| 90002.43 | BCHRCNT | CHR REPORT CONTROL | Manages the control of certain reports. |
| 90002.51 | BCHTPROG | CHR PROGRAMS | Standard table of all CHR Programs and their assigned codes. |
| 90002.52 | BCHTREF | CHR REFERRALS | Standard table of all referral types. |
| 90002.53 | BCHTPROB | CHR HEALTH PROBLEM CODES | Standard table of health problem codes and narrative. |
| 90002.54 | BCHTSERV | CHR SERVICE CODES | Standard table of CHR activity/service codes. |
| 90002.55 | BCHTFPM | CHR FAMILY PLANNING METHODS | Standard table of all family planning methods. |
| 90002.56 | BCHTACTL | CHR ACTIVITY LOCATIONS | Standard table of all activity locations. |

| File | Global | Filename | |
|----------|----------|-------------------------------|---|
| 90002.57 | BCHTHAC | CHR HEALTH PROBLEM CATEGORIES | Standard table of all health problem categories. |
| 90002.58 | BCHTMT | CHR MEASUREMENTS AND TESTS | Standard table of all measurement types and lab tests. |
| 90002.59 | BCHTCNAR | CHR CANNED NARRATIVES | Contains all canned narratives. |
| 90002.61 | BCHTLOC | CHR LOCATIONS | File of locations where services are provided outside of HIS facilities. |
| 90002.67 | BCHGRPD | BCH GROUP DEFINITION | Contains all Group definitions. |
| 90002.68 | BCHGRPDA | BCH GROUP ASSESSMENTS | Stores all assessments used on a group definition. |
| 90002.91 | BCHXLOG | CHR EXTRACT LOG | Data transmission extract log. |
| 90002.92 | BCHERR | CHR TRANSACTION ERROR CODES | Table of error codes found on a transaction record when passed to the national CHRIS II system. |
| 90002.93 | BCHDTER | CHR DATA TRANS ERROR CODES | Standard table of errors that can occur when exporting to the National CHRIS II system. |
| 90002.95 | BCHEXDEL | CHR EXTRACT DELETE RECORDS | Records that are flagged for deletion out of the National CHRIS II system. |
| 90002.97 | BCHGROUP | CHR GROUP FORM TEMP FILE | Used when entering group data. |
| 90002.98 | BCHRGAS | CHR GROUP ASSESSMENTS | Used to store assessments for a group. |

4.2 File Access

Table 4-2. BCH File List

| File (#) | Global | RD | WR | LYG | DD | DEL |
|----------|----------|----|----|-----|----|-----|
| 90002 | BCHR | M | M | M | @ | M |
| 90002.01 | BCHRPROB | M | M | M | @ | M |
| 90002.02 | BCHRPED | M | M | M | @ | M |
| 90002.11 | BCHRPAT | M | M | M | @ | @ |
| 90002.31 | BCHSITE | M | M | M | @ | @ |
| 90002.41 | BCHSORT | M | @ | @ | @ | @ |
| 90002.42 | BCHTRPT | M | M | M | @ | M |
| 90002.43 | BCHRCNT | M | @ | @ | @ | @ |

| File (#) | Global | RD | WR | LYG | DD | DEL |
|----------|----------|----|----|-----|----|-----|
| 90002.51 | BCHTPROG | M | @ | @ | @ | @ |
| 90002.52 | BCHTREF | M | @ | @ | @ | @ |
| 90002.53 | BCHTPROB | M | @ | @ | @ | @ |
| 90002.54 | BCHTSERV | M | @ | @ | @ | @ |
| 90002.55 | BCHTFPM | M | @ | @ | @ | @ |
| 90002.56 | BCHTACTL | M | @ | @ | @ | @ |
| 90002.57 | BCHTHAC | M | @ | @ | @ | @ |
| 90002.58 | BCHTMT | M | @ | @ | @ | @ |
| 90002.59 | BCHTCNAR | @ | @ | @ | @ | @ |
| 90002.61 | BCHTLOC | @ | @ | @ | @ | @ |
| 90002.67 | BCHGRPD | M | M | M | @ | M |
| 90002.68 | BCHGRPDA | M | M | M | @ | M |
| 90002.91 | BCHXLOG | M | @ | @ | @ | @ |
| 90002.92 | BCHERR | M | @ | @ | @ | @ |
| 90002.93 | BCHDTER | M | M | M | @ | M |
| 90002.95 | BCHXDEL | @ | @ | @ | @ | @ |
| 90002.97 | BCHGROUP | M | M | M | @ | M |
| 90002.98 | BCHRGAS | M | M | M | @ | M |

4.3 Cross References

```

Traditional Cross-References:

B    REGULAR
      Field:  PATIENTS EISS  (90545.129999,.01)
           1)= S ^BCHGPDCB(DA(1),99999,"B",$(X,1,30),DA)=" "
           2)= K ^BCHGPDCB(DA(1),99999,"B",$(X,1,30),DA)

File #90545.04

Traditional Cross-References:

B    REGULAR
      Field:  BEGINNING DATE  (90545.04,.01)
           1)= S ^BCHGPDPB("B",$(X,1,30),DA)=" "
           2)= K ^BCHGPDPB("B",$(X,1,30),DA)

Subfile #90545.041111

Traditional Cross-References:

B    REGULAR
      Field:  MFI LOCATIONS  (90545.041111,.01)
           1)= S ^BCHGPDPB(DA(1),1111,"B",$(X,1,30),DA)=" "
           2)= K ^BCHGPDPB(DA(1),1111,"B",$(X,1,30),DA)

Subfile #90545.0488888

Traditional Cross-References:

B    REGULAR
      Field:  SITE NAME  (90545.0488888,.01)
           1)= S ^BCHGPDPB(DA(1),88888888,"B",$(X,1,30),DA)=" "
           2)= K ^BCHGPDPB(DA(1),88888888,"B",$(X,1,30),DA)
    
```

Subfile #90545.13999

Traditional Cross-References:

File #90002

Traditional Cross-References:

AA MUMPS

Field: CHR PROVIDER (90002,.03)
 Description: Used by list manager to get list of records by date/chr.
 1)= S ^BCHR("AA", \$P(\$P(^BCHR(DA,0),U), "."), X, DA)=""
 2)= K ^BCHR("AA", \$P(\$P(^BCHR(DA,0),U), "."), X, DA)

AA2 MUMPS

Field: DATE OF SERVICE (90002,.01)
 Description: Indexes by date and CHR. Used to get list of records on that date for that CHR.
 1)= I \$P(^BCHR(DA,0),U,3)]" S ^BCHR("AA", \$P(X, "."), \$P(^BCHR(DA,0),U,3), DA)=""
 2)= I \$P(^BCHR(DA,0),U,3)]" K ^BCHR("AA", X, \$P(^BCHR(DA,0),U,3), DA)

AD REGULAR

Field: POSTING DATE (90002,.22)
 Description: Indexes by posting date.
 1)= S ^BCHR("AD", \$E(X,1,30), DA)=""
 2)= K ^BCHR("AD", \$E(X,1,30), DA)

AE MUMPS

Field: DATE OF SERVICE (90002,.01)
 Description: Indexes encounters by inverse date and patient. Used by CHR health summary.
 1)= I \$P(^BCHR(DA,0),U,4)]" S ^BCHR("AE", \$P(^BCHR(DA,0),U,4), 9999999-\$P(X, "."), DA)=""
 2)= I \$P(^BCHR(DA,0),U,4)]" K ^BCHR("AE", \$P(^BCHR(DA,0),U,4), 9999999-\$P(X, "."), DA)

AE2 MUMPS

Field: PATIENT (90002,.04)
 Description: Used by chr health summary component.
 1)= S ^BCHR("AE", X, 9999999-\$P(^BCHR(DA,0), "."), DA)=""
 2)= K ^BCHR("AE", X, 9999999-\$P(^BCHR(DA,0), "."), DA)

AEX MUMPS

Field: DATE LAST MODIFIED (90002,.17)
 Description: Used to control the export of records to CHRIS II. This cross reference is killed by the export software and should not be re-indexed.
 1)= I '\$D(DIU(0)) S ^BCHR("AEX", X, DA)=""
 2)= I '\$D(DIU(0)) K ^BCHR("AEX", X, DA)

AF MUMPS

Field: DATE OF SERVICE (90002,.01)
 Description: Computes and sets form #.
 1)= D SET1^BCHFORM
 2)= D KILL1^BCHFORM

```

AF2      MUMPS
        Field:  PROGRAM (90002,.02)
        Description:  Computes and sets form #.
                    1)= D SET2^BCHFORM
                    2)= D KILL2^BCHFORM

AF3      MUMPS
        Field:  CHR PROVIDER (90002,.03)
        Description:  Computes and sets form #.
                    1)= D SET3^BCHFORM
                    2)= D KILL3^BCHFORM

AF4      MUMPS
        Field:  FORM # (90002,.25)
                    1)= I $P(^BCHR(DA,0),U,3)]", $P(^0,U,2)]", $P(^0,U)]"
                    S ^BCHR("AF", $P(^BCHR(DA,0),U,3), $P(^0,U,2), $P($P(^0,U)
                    , "."), X, DA) = ""
                    2)= I $P(^BCHR(DA,0),U,3)]", $P(^0,U,2)]", $P(^0,U)]"
                    K ^BCHR("AF", $P(^BCHR(DA,0),U,3), $P(^0,U,2), $P($P(^0,U)
                    , "."), X, DA)

ANRE     MUMPS
        Field:  PATIENT (NON-REGISTERED) (90002,1112)
                    1)= S ^BCHR("ANRE", X, $P(^BCHR(DA,0),U,1), DA) = ""
                    2)= K ^BCHR("ANRE", X, $P(^BCHR(DA,0),U,1), DA)

ANRP     REGULAR
        Field:  PATIENT (NON-REGISTERED) (90002,1112)
                    1)= S ^BCHR("ANRP", $E(X,1,30), DA) = ""
                    2)= K ^BCHR("ANRP", $E(X,1,30), DA)

AVSIT    REGULAR
        Field:  PCC VISIT (90002,.15)
        Description:  Used to see if a visit was created by CHR>
                    1)= S ^BCHR("AVSIT", $E(X,1,30), DA) = ""
                    2)= K ^BCHR("AVSIT", $E(X,1,30), DA)

B        REGULAR
        Field:  DATE OF SERVICE (90002,.01)
        Description:  Regular B cross reference.
                    1)= S ^BCHR("B", $E(X,1,30), DA) = ""
                    2)= K ^BCHR("B", $E(X,1,30), DA)

C        REGULAR
        Field:  PATIENT (90002,.04)
                    1)= S ^BCHR("C", $E(X,1,30), DA) = ""
                    2)= K ^BCHR("C", $E(X,1,30), DA)

CUI      REGULAR
        Field:  UNIQUE ID FOR RECORD (90002,.21)
        Description:  This cross reference allows lookup of a record by it's
                    unique ID. Only those records loaded from the Remote
                    device will have a unique id. This allows access of
                    records when modifications occur on the host.
                    1)= S ^BCHR("CUI", $E(X,1,30), DA) = ""

```

```

2)= K ^BCHR("CUI", $E(X,1,30), DA)

TRIGGER
  Field: PROGRAM (90002,.02)
  Triggered Field: PROGRAM CODE (90002,.24)
  Description: Triggers the program code # into the Program Code field.
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,0))
:^ (0),1:"") S X=$P(Y(1),U,24),X=X S DIU=X K Y X ^DD(90002,.
02,1,1,1.1) X ^DD(90002,.02,1,1,1.4)
1.1)= S X=DIV S I(0,0)=$S($D(D0):D0,1:""),D0=DIV S:'$D(^BCH
TPROG(+D0,0)) D0=-1 S Y(101)=$S($D(^BCHTPROG(D0,0)):^ (0),1:
"") S X=$P(Y(101),U,5) S D0=I(0,0)
1.4)= S DIH=$S($D(^BCHR(DIV(0),0)):^ (0),1:""),DIV=X S $P(^
(0),U,24)=DIV,DIH=90002,DIG=.24 D ^DICR:$O(^DD(DIH,DIG,1,0))
>0
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,0))
:^ (0),1:"") S X=$P(Y(1),U,24),X=X S DIU=X K Y X ^DD(90002,.
02,1,1,2.1) X ^DD(90002,.02,1,1,2.4)
2.1)= S X=DIV X ^DD(90002,.02,1,1,59.2) S X=$P(Y(101),U,5)
S D0=I(0,0)
2.4)= S DIH=$S($D(^BCHR(DIV(0),0)):^ (0),1:""),DIV=X S $P(^
(0),U,24)=DIV,DIH=90002,DIG=.24 D ^DICR:$O(^DD(DIH,DIG,1,0))
>0
59.2)= S I(0,0)=$S($D(D0):D0,1:""),Y(1)=$S($D(^BCHR(D0,0)):
^ (0),1:""),D0=$P(Y(1),U,2) S:'$D(^BCHTPROG(+D0,0)) D0=-1 S
Y(101)=$S($D(^BCHTPROG(D0,0)):^ (0),1:"")
CREATE VALUE)= #.02:#.05
DELETE VALUE)= #.02:#.05
FIELD)= #.24

```

```

TRIGGER
  Field: CHR PROVIDER (90002,.03)
  Triggered Field: CHR (AFFL/DISC/CODE) (90002,.23)
  Description: Triggers the affl/disc/code into field #.23.
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,0))
:^ (0),1:"") S X=$P(Y(1),U,23),X=X S DIU=X K Y X ^DD(90002,.
03,1,2,1.1) X ^DD(90002,.03,1,2,1.4)
1.1)= S X=DIV S I(0,0)=$S($D(D0):D0,1:""),D0=DIV S:'$D(^VA(
200,+D0,0)) D0=-1 S Y(101)=$S($D(^VA(200,D0,9999999)):^ (999
9999),1:"") S X=$P(Y(101),U,9) S D0=I(0,0)
1.4)= S DIH=$S($D(^BCHR(DIV(0),0)):^ (0),1:""),DIV=X S $P(^
(0),U,23)=DIV,DIH=90002,DIG=.23 D ^DICR:$O(^DD(DIH,DIG,1,0))
>0
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,0))
:^ (0),1:"") S X=$P(Y(1),U,23),X=X S DIU=X K Y X ^DD(90002,.
03,1,2,2.1) X ^DD(90002,.03,1,2,2.4)
2.1)= S X=DIV X ^DD(90002,.03,1,2,59.2) S X=$P(Y(101),U,9)
S D0=I(0,0)
2.4)= S DIH=$S($D(^BCHR(DIV(0),0)):^ (0),1:""),DIV=X S $P(^
(0),U,23)=DIV,DIH=90002,DIG=.23 D ^DICR:$O(^DD(DIH,DIG,1,0))
>0
59.2)= S I(0,0)=$S($D(D0):D0,1:""),Y(1)=$S($D(^BCHR(D0,0)):
^ (0),1:""),D0=$P(Y(1),U,3) S:'$D(^VA(200,+D0,0)) D0=-1 S Y(
101)=$S($D(^VA(200,D0,9999999)):^ (9999999),1:"")
CREATE VALUE)= #.03:IHS ADC INDEX

```



```
DELETE VALUE)= #.03:IHS ADC INDEX
FIELD)= #.23
```

TRIGGER

```
Field: PATIENT (90002,.04)
Triggered Field: CHART FACILITY (90002,1109)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,9),X=X S DIU=X K Y S X=DIV S X=
DUZ(2) X ^DD(90002,.04,1,10,1.4)
1.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,9)=DIV,DIH=90002,DIG=1109 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,9),X=X S DIU=X K Y S X=DIV S X=
DUZ(2) X ^DD(90002,.04,1,10,2.4)
2.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,9)=DIV,DIH=90002,DIG=1109 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
CREATE VALUE)= S X=DUZ(2)
DELETE VALUE)= S X=DUZ(2)
FIELD)= CHART FA
```

TRIGGER

```
Field: PATIENT (NON-REGISTERED) (90002,1112)
Triggered Field: PATIENT NAME (90002,1101)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,1),X=X S DIU=X K Y X ^DD(90002,
1112,1,1,1.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,1)=DIV,DIH=90002,DIG=1101 D ^DICR
1.1)= S X=DIV S I(0,0)=$G(D0),D0=DIV S: 'D0!' $D(^BCHRPAT(+D0
,0)) D0=-1 S Y(101)=$S($D(^BCHRPAT(D0,0)):^(0),1:"") S X=$P
(Y(101),U,1) S D0=I(0,0)
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,1),X=X S DIU=X K Y X ^DD(90002,
1112,1,1,2.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,1)=DIV,DIH=90002,DIG=1101 D ^DICR
2.1)= S X=DIV S I(0,0)=$G(D0),Y(1)=$S($D(^BCHR(D0,11)):^(11
),1:""),D0=$P(Y(1),U,12) S: 'D0!' $D(^BCHRPAT(+D0,0)) D0=-1 S
Y(101)=$S($D(^BCHRPAT(D0,0)):^(0),1:"") S X=$P(Y(101),U,1)
S D0=I(0,0)
CREATE VALUE)= #1112:#.01
DELETE VALUE)= #1112:#.01
FIELD)= #1101
```

TRIGGER

```
Field: PATIENT (NON-REGISTERED) (90002,1112)
Triggered Field: DOB (90002,1102)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,2),X=X S DIU=X K Y X ^DD(90002,
1112,1,2,1.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,2)=DIV,DIH=90002,DIG=1102 D ^DICR
1.1)= S X=DIV S I(0,0)=$G(D0),D0=DIV S: 'D0!' $D(^BCHRPAT(+D0
,0)) D0=-1 S Y(101)=$S($D(^BCHRPAT(D0,0)):^(0),1:"") S X=$P
(Y(101),U,2) S D0=I(0,0)
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
```

```

):^(11),1:"") S X=$P(Y(1),U,2),X=X S DIU=X K Y X ^DD(90002,
1112,1,2,2.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,2)=DIV,DIH=90002,DIG=1102 D ^DICR
2.1)= S X=DIV S I(0,0)=$G(D0),Y(1)=$S($D(^BCHR(D0,11)):^(11
),1:""),D0=$P(Y(1),U,12) S:'D0!'$D(^BHRPAT(+D0,0)) D0=-1 S
Y(101)=$S($D(^BHRPAT(D0,0)):^(0),1:"") S X=$P(Y(101),U,2)
S D0=I(0,0)
CREATE VALUE)= #1112:#.02
DELETE VALUE)= #1112:#.02
FIELD)= #1102

```

TRIGGER

```

Field: PATIENT (NON-REGISTERED) (90002,1112)
Triggered Field: SEX (90002,1103)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,3),X=X S DIU=X K Y X ^DD(90002,
1112,1,3,1.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,3)=DIV,DIH=90002,DIG=1103 D ^DICR
1.1)= S X=DIV X ^DD(90002,1112,1,3,49.2) S X=$P($P(Y(102),$
C(59)_$P(Y(101),U,3)_"":",2),$C(59)) S D0=I(0,0)
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,3),X=X S DIU=X K Y X ^DD(90002,
1112,1,3,2.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,3)=DIV,DIH=90002,DIG=1103 D ^DICR
2.1)= S X=DIV X ^DD(90002,1112,1,3,59.2) S Y(101)=$S($D(^BC
HRPAT(D0,0)):^(0),1:"") S X=$P($P(Y(102),$C(59)_$P(Y(101),U
,3)_"":",2),$C(59)) S D0=I(0,0)
49.2)= S I(0,0)=$G(D0),D0=DIV S:'D0!'$D(^BHRPAT(+D0,0)) D0
=-1 S Y(102)=$C(59)_$P($G(^DD(90002.11,.03,0)),U,3),Y(101)=
$S($D(^BHRPAT(D0,0)):^(0),1:"")
59.2)= S I(0,0)=$G(D0),Y(1)=$S($D(^BCHR(D0,11)):^(11),1:"")
,D0=$P(Y(1),U,12) S:'D0!'$D(^BHRPAT(+D0,0)) D0=-1 S Y(102)
=$C(59)_$P($G(^DD(90002.11,.03,0)),U,3)
CREATE VALUE)= #1112:#.03
DELETE VALUE)= #1112:#.03
FIELD)= #1103

```

TRIGGER

```

Field: PATIENT (NON-REGISTERED) (90002,1112)
Triggered Field: SSN (90002,1104)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,4),X=X S DIU=X K Y X ^DD(90002,
1112,1,4,1.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,4)=DIV,DIH=90002,DIG=1104 D ^DICR
1.1)= S X=DIV S I(0,0)=$G(D0),D0=DIV S:'D0!'$D(^BHRPAT(+D0
,0)) D0=-1 S Y(101)=$S($D(^BHRPAT(D0,0)):^(0),1:"") S X=$P
(Y(101),U,4) S D0=I(0,0)
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,4),X=X S DIU=X K Y X ^DD(90002,
1112,1,4,2.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,4)=DIV,DIH=90002,DIG=1104 D ^DICR
2.1)= S X=DIV S I(0,0)=$G(D0),Y(1)=$S($D(^BCHR(D0,11)):^(11
),1:""),D0=$P(Y(1),U,12) S:'D0!'$D(^BHRPAT(+D0,0)) D0=-1 S
Y(101)=$S($D(^BHRPAT(D0,0)):^(0),1:"") S X=$P(Y(101),U,4)
S D0=I(0,0)

CREATE VALUE)= #1112:#.04
DELETE VALUE)= #1112:#.04
FIELD)= #1104

```

TRIGGER

```

Field: PATIENT (NON-REGISTERED) (90002,1112)
Triggered Field: TRIBE (90002,1105)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,5),X=X S DIU=X K Y X ^DD(90002,
1112,1,5,1.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,5)=DIV,DIH=90002,DIG=1105 D ^DICR
1.1)= S X=DIV S I(0,0)=$G(D0),D0=DIV S: 'D0!' $D(^BCHRPAT(+D0
,0)) D0=-1 S Y(102)=$S($D(^BCHRPAT(D0,0)):^(0),1:""),Y(101)
=$G(X) S X=$P(Y(102),U,5),X=X S X=X S D0=I(0,0)
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,5),X=X S DIU=X K Y S X=DIV X ^D
D(90002,1112,1,5,59.2) S X=$P(Y(102),U,5),X=X S X=X S D0=I(
0,0) X ^DD(90002,1112,1,5,2.4)
2.4)= S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U,5)=DIV,
DIH=90002,DIG=1105 D ^DICR
59.2)= S I(0,0)=$G(D0),Y(1)=$S($D(^BCHR(D0,11)):^(11),1:"")
,D0=$P(Y(1),U,12) S: 'D0!' $D(^BCHRPAT(+D0,0)) D0=-1 S Y(102)
=$S($D(^BCHRPAT(D0,0)):^(0),1:""),Y(101)=$G(X)
CREATE VALUE)= #1112:INTERNAL(.05)
DELETE VALUE)= #1112:INTERNAL(.05)
FIELD)= #1105

```

TRIGGER

```

Field: PATIENT (NON-REGISTERED) (90002,1112)
Triggered Field: COMMUNITY OF RESIDENCE (90002,1106)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,6),X=X S DIU=X K Y X ^DD(90002,
1112,1,6,1.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,6)=DIV,DIH=90002,DIG=1106 D ^DICR
1.1)= S X=DIV S I(0,0)=$G(D0),D0=DIV S: 'D0!' $D(^BCHRPAT(+D0
,0)) D0=-1 S Y(102)=$S($D(^BCHRPAT(D0,0)):^(0),1:""),Y(101)
=$G(X) S X=$P(Y(102),U,6),X=X S X=X S D0=I(0,0)
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,6),X=X S DIU=X K Y X ^D
D(90002,1112,1,6,59.2) S X=$P(Y(102),U,6),X=X S X=X S D0=I(
0,0) X ^DD(90002,1112,1,6,2.4)
2.4)= S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U,6)=DIV,
DIH=90002,DIG=1106 D ^DICR
59.2)= S I(0,0)=$G(D0),Y(1)=$S($D(^BCHR(D0,11)):^(11),1:"")
,D0=$P(Y(1),U,12) S: 'D0!' $D(^BCHRPAT(+D0,0)) D0=-1 S Y(102)
=$S($D(^BCHRPAT(D0,0)):^(0),1:""),Y(101)=$G(X)
CREATE VALUE)= #1112:INTERNAL(.06)
DELETE VALUE)= #1112:INTERNAL(.06)
FIELD)= #1106

```

TRIGGER

```

Field: PATIENT (NON-REGISTERED) (90002,1112)
Triggered Field: COMMUNITY (FT) (90002,1107)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,7),X=X S DIU=X K Y X ^DD(90002,
1112,1,7,1.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,7)=DIV,DIH=90002,DIG=1107 D ^DICR
1.1)= S X=DIV X ^DD(90002,1112,1,7,49.2) S D0=$P(Y(101),U,6
) S: 'D0!' $D(^AUTTCOM(+D0,0)) D0=-1 S Y(201)=$S($D(^AUTTCOM(
D0,0)):^(0),1:"") S X=$P(Y(201),U,1) S D0=I(0,0)
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,7),X=X S DIU=X K Y X ^DD(90002,
1112,1,7,2.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,7)=DIV,DIH=90002,DIG=1107 D ^DICR
2.1)= S X=DIV X ^DD(90002,1112,1,7,59.2) S Y(102)=$G(X),D0=

```

```

$P(Y(101),U,6) S: 'D0!' $D(^AUTTCOM(+D0,0)) D0=-1 S Y(201)=$S
($D(^AUTTCOM(D0,0)):^(0),1:"") S X=$P(Y(201),U,1) S D0=I(0,
0)
49.2)= S I(0,0)=$G(D0),D0=DIV S: 'D0!' $D(^BCHRPAT(+D0,0)) D0
=-1 S I(100,0)=$G(D0),Y(101)=$S($D(^BCHRPAT(D0,0)):^(0),1:"
"),Y(102)=$G(X)
59.2)= S I(0,0)=$G(D0),Y(1)=$S($D(^BCHR(D0,11)):^(11),1:"")
,D0=$P(Y(1),U,12) S: 'D0!' $D(^BCHRPAT(+D0,0)) D0=-1 S I(100,
0)=$G(D0),Y(101)=$S($D(^BCHRPAT(D0,0)):^(0),1:"")
CREATE VALUE)= #1112:#.06:#.01
DELETE VALUE)= #1112:#.06:#.01
FIELD)= #1107

```

TRIGGER

```

Field: PATIENT (NON-REGISTERED) (90002,1112)
Triggered Field: CHART FACILITY (90002,1109)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,9),X=X S DIU=X K Y X ^DD(90002,
1112,1,8,1.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U
,9)=DIV,DIH=90002,DIG=1109 D ^DICR
1.1)= S X=DIV S I(0,0)=$G(D0),D0=DIV S: 'D0!' $D(^BCHRPAT(+D0
,0)) D0=-1 S Y(102)=$S($D(^BCHRPAT(D0,0)):^(0),1:""),Y(101)
=$G(X) S X=$P(Y(102),U,8),X=X S X=X S D0=I(0,0)
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,9),X=X S DIU=X K Y S X=DIV X ^D
D(90002,1112,1,8,59.2) S X=$P(Y(102),U,8),X=X S X=X S D0=I(
0,0) X ^DD(90002,1112,1,8,2.4)
2.4)= S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),U,9)=DIV,
DIH=90002,DIG=1109 D ^DICR
59.2)= S I(0,0)=$G(D0),Y(1)=$S($D(^BCHR(D0,11)):^(11),1:"")
,D0=$P(Y(1),U,12) S: 'D0!' $D(^BCHRPAT(+D0,0)) D0=-1 S Y(102)
=$S($D(^BCHRPAT(D0,0)):^(0),1:""),Y(101)=$G(X)
CREATE VALUE)= #1112:INTERNAL(#.08)
DELETE VALUE)= #1112:INTERNAL(#.08)
FIELD)= #1109

```

TRIGGER

```

Field: PATIENT (NON-REGISTERED) (90002,1112)
Triggered Field: HEALTH RECORD NUMBER (90002,1111)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,11),X=X S DIU=X K Y X ^DD(90002
,1112,1,9,1.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),
U,11)=DIV,DIH=90002,DIG=1111 D ^DICR
1.1)= S X=DIV S I(0,0)=$G(D0),D0=DIV S: 'D0!' $D(^BCHRPAT(+D0
,0)) D0=-1 S Y(101)=$S($D(^BCHRPAT(D0,0)):^(0),1:"") S X=$P
(Y(101),U,7) S D0=I(0,0)
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,11),X=X S DIU=X K Y X ^DD(90002
,1112,1,9,2.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11),
U,11)=DIV,DIH=90002,DIG=1111 D ^DICR
2.1)= S X=DIV S I(0,0)=$G(D0),Y(1)=$S($D(^BCHR(D0,11)):^(11
),1:""),D0=$P(Y(1),U,12) S: 'D0!' $D(^BCHRPAT(+D0,0)) D0=-1 S
Y(101)=$S($D(^BCHRPAT(D0,0)):^(0),1:"") S X=$P(Y(101),U,7)
S D0=I(0,0)
CREATE VALUE)= #1112:#.07
DELETE VALUE)= #1112:#.07
FIELD)= #1111

```

TRIGGER

```

Field: PATIENT (90002,.04)

```

```

Triggered Field:  COMMUNITY OF RESIDENCE  (90002,1106)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,6),X=X S DIU=X K Y X ^DD(90002,
.04,1,1,1.1) X ^DD(90002,.04,1,1,1.4)
1.1)= S X=DIV X ^DD(90002,.04,1,1,49.2) S D0=$P(Y(101),U,1)
S: '$D(^DPT(+D0,0)) D0=-1 S X=$P(Y(103),U,17),X=X S X=X S D
0=I(0,0)
1.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,6)=DIV,DIH=90002,DIG=1106 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,6),X=X S DIU=X K Y X ^DD(90002,
.04,1,1,2.1) X ^DD(90002,.04,1,1,2.4)
2.1)= S X=DIV X ^DD(90002,.04,1,1,59.2) S X=$P(Y(101),U,17)
,X=X S X=X S D0=I(0,0)
2.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,6)=DIV,DIH=90002,DIG=1106 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
49.2)= S I(0,0)=$S($D(D0):D0,1:""),D0=DIV S: '$D(^AUPNPAT(+D
0,0) D0=-1 S I(100,0)=$S($D(D0):D0,1:""),Y(101)=$S($D(^AUP
NPAT(D0,0)):^(0),1:""),Y(103)=$S($D(^AUPNPAT(D0,11)):^(11),
1:"")
59.2)= S I(0,0)=$S($D(D0):D0,1:""),Y(1)=$S($D(^BCHR(D0,0)):
^(0),1:""),D0=$P(Y(1),U,4) S: '$D(^AUPNPAT(+D0,0)) D0=-1 S Y
(101)=$S($D(^AUPNPAT(D0,11)):^(11),1:"")
CREATE VALUE)= INTERNAL(#.04:#.01:#1117)
DELETE VALUE)= INTERNAL(#.04:#1117)
FIELD)= #1106

```

TRIGGER

```

Field:  PATIENT (NON-REGISTERED)  (90002,1112)
Triggered Field:  CHR ID FOR NON-REG PATIENT  (90002,1113)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,13),X=X S DIU=X K Y X ^DD(90002
,1112,1,10,1.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11)
,U,13)=DIV,DIH=90002,DIG=1113 D ^DICR
1.1)= S X=DIV S I(0,0)=$G(D0),D0=DIV S: 'D0!' $D(^BCHRPAT(+D0
,0) D0=-1 S Y(101)=$S($D(^BCHRPAT(D0,0)):^(0),1:"") S X=$P
(Y(101),U,9) S D0=I(0,0)
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,13),X=X S DIU=X K Y X ^DD(90002
,1112,1,10,2.1) S DIH=$G(^BCHR(DIV(0),11)),DIV=X S $P(^11)
,U,13)=DIV,DIH=90002,DIG=1113 D ^DICR
2.1)= S X=DIV S I(0,0)=$G(D0),Y(1)=$S($D(^BCHR(D0,11)):^(11)
,1:""),D0=$P(Y(1),U,12) S: 'D0!' $D(^BCHRPAT(+D0,0)) D0=-1 S
Y(101)=$S($D(^BCHRPAT(D0,0)):^(0),1:"") S X=$P(Y(101),U,9)
S D0=I(0,0)
CREATE VALUE)= #1112:#.09
DELETE VALUE)= #1112:#.09
FIELD)= #1113

```

TRIGGER

```

Field:  PATIENT  (90002,.04)
Triggered Field:  PATIENT NAME  (90002,1101)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,1),X=X S DIU=X K Y X ^DD(90002,
.04,1,2,1.1) X ^DD(90002,.04,1,2,1.4)
1.1)= S X=DIV X ^DD(90002,.04,1,2,49.2) S D0=$P(Y(101),U,1)
S: '$D(^DPT(+D0,0)) D0=-1 S Y(201)=$S($D(^DPT(D0,0)):^(0),1
:"") S X=$P(Y(201),U,1) S D0=I(0,0)

```

```

1.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,1)=DIV,DIH=90002,DIG=1101 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,1),X=X S DIU=X K Y X ^DD(90002,
.04,1,2,2.1) X ^DD(90002,.04,1,2,2.4)
2.1)= S X=DIV X ^DD(90002,.04,1,2,59.2) S D0=$P(Y(101),U,1)
S:$D(^DPT(+D0,0)) D0=-1 S Y(201)=$S($D(^DPT(D0,0)):^(0),1
:"") S X=$P(Y(201),U,1) S D0=I(0,0)
2.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,1)=DIV,DIH=90002,DIG=1101 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
49.2)= S I(0,0)=$S($D(D0):D0,1:""),D0=DIV S:$D(^AUPNPAT(+D
0,0)) D0=-1 S I(100,0)=$S($D(D0):D0,1:""),Y(101)=$S($D(^AUP
NPAT(D0,0)):^(0),1:"")
59.2)= S I(0,0)=$S($D(D0):D0,1:""),Y(1)=$S($D(^BCHR(D0,0)):
^(0),1:""),D0=$P(Y(1),U,4) S:$D(^AUPNPAT(+D0,0)) D0=-1 S I
(100,0)=$S($D(D0):D0,1:""),Y(101)=$S($D(^AUPNPAT(D0,0)):^(0
),1:"")
CREATE VALUE)= PATIENT:#.01:#.01
DELETE VALUE)= PATIENT:#.01:#.01
FIELD)= PATIENT NAME

```

TRIGGER

```

Field: PATIENT (90002,.04)
Triggered Field: DOB (90002,1102)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,2),X=X S DIU=X K Y X ^DD(90002,
.04,1,3,1.1) X ^DD(90002,.04,1,3,1.4)
1.1)= S X=DIV X ^DD(90002,.04,1,3,49.2) S D0=$P(Y(101),U,1)
S:$D(^DPT(+D0,0)) D0=-1 S Y(201)=$S($D(^DPT(D0,0)):^(0),1
:"") S X=$P(Y(201),U,3) S D0=I(0,0)
1.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,2)=DIV,DIH=90002,DIG=1102 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,2),X=X S DIU=X K Y X ^DD(90002,
.04,1,3,2.1) X ^DD(90002,.04,1,3,2.4)
2.1)= S X=DIV X ^DD(90002,.04,1,3,59.2) S D0=$P(Y(101),U,1)
S:$D(^DPT(+D0,0)) D0=-1 S Y(201)=$S($D(^DPT(D0,0)):^(0),1
:"") S X=$P(Y(201),U,3) S D0=I(0,0)
2.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,2)=DIV,DIH=90002,DIG=1102 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
49.2)= S I(0,0)=$S($D(D0):D0,1:""),D0=DIV S:$D(^AUPNPAT(+D
0,0)) D0=-1 S I(100,0)=$S($D(D0):D0,1:""),Y(101)=$S($D(^AUP
NPAT(D0,0)):^(0),1:"")
59.2)= S I(0,0)=$S($D(D0):D0,1:""),Y(1)=$S($D(^BCHR(D0,0)):
^(0),1:""),D0=$P(Y(1),U,4) S:$D(^AUPNPAT(+D0,0)) D0=-1 S I
(100,0)=$S($D(D0):D0,1:""),Y(101)=$S($D(^AUPNPAT(D0,0)):^(0
),1:"")
CREATE VALUE)= PATIENT:#.01:#.03
DELETE VALUE)= PATIENT:#.01:#.03
FIELD)= DOB

```

TRIGGER

```

Field: PATIENT (90002,.04)
Triggered Field: SEX (90002,1103)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,3),X=X S DIU=X K Y X ^DD(90002,

```

```

.04,1,4,1.1) X ^DD(90002,.04,1,4,1.4)
1.1)= S X=DIV X ^DD(90002,.04,1,4,49.2) S D0=$P(Y(101),U,1)
S:$D(^DPT(+D0,0)) D0=-1 S Y(201)=$S($D(^DPT(D0,0)):^(0),1
:"") S X=$P(Y(201),U,2),X=X S X=X S D0=I(0,0)
1.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,3)=DIV,DIH=90002,DIG=1103 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,3),X=X S DIU=X K Y X ^DD(90002,
.04,1,4,2.1) X ^DD(90002,.04,1,4,2.4)
2.1)= S X=DIV X ^DD(90002,.04,1,4,59.2) S D0=$P(Y(101),U,1)
S:$D(^DPT(+D0,0)) D0=-1 S Y(201)=$S($D(^DPT(D0,0)):^(0),1
:"") S X=$P(Y(201),U,2),X=X S X=X S D0=I(0,0)
2.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,3)=DIV,DIH=90002,DIG=1103 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
49.2)= S I(0,0)=$S($D(D0):D0,1:""),D0=DIV S:$D(^AUPNPAT(+D
0,0)) D0=-1 S I(100,0)=$S($D(D0):D0,1:""),Y(101)=$S($D(^AUP
NPAT(D0,0)):^(0),1:"")
59.2)= S I(0,0)=$S($D(D0):D0,1:""),Y(1)=$S($D(^BCHR(D0,0))
:^(0),1:""),D0=$P(Y(1),U,4) S:$D(^AUPNPAT(+D0,0)) D0=-1 S I
(100,0)=$S($D(D0):D0,1:""),Y(101)=$S($D(^AUPNPAT(D0,0)):^(0
),1:"")
CREATE VALUE)= INTERNAL(#.04:#.01:#.02)
DELETE VALUE)= INTERNAL(#.04:#.01:#.02)
FIELD)= #1103

```

TRIGGER

```

Field: PATIENT (90002,.04)
Triggered Field: SSN (90002,1104)

```

```

1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,4),X=X S DIU=X K Y X ^DD(90002,
.04,1,5,1.1) X ^DD(90002,.04,1,5,1.4)
1.1)= S X=DIV X ^DD(90002,.04,1,5,49.3) S Y=$P(Y(201),U,9)
X:$D(^DD(2,.09,2)) ^2) S X=Y S D0=I(0,0)
1.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,4)=DIV,DIH=90002,DIG=1104 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,4),X=X S DIU=X K Y X ^DD(90002,
.04,1,5,2.1) X ^DD(90002,.04,1,5,2.4)
2.1)= S X=DIV X ^DD(90002,.04,1,5,59.3) S Y=$P(Y(201),U,9)
X:$D(^DD(2,.09,2)) ^2) S X=Y S D0=I(0,0)
2.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,4)=DIV,DIH=90002,DIG=1104 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
49.2)= S I(0,0)=$S($D(D0):D0,1:""),D0=DIV S:$D(^AUPNPAT(+D
0,0)) D0=-1 S I(100,0)=$S($D(D0):D0,1:""),Y(101)=$S($D(^AUP
NPAT(D0,0)):^(0),1:"")
49.3)= X ^DD(90002,.04,1,5,49.2) S D0=$P(Y(101),U,1) S:$D(
^DPT(+D0,0)) D0=-1 S Y(201)=$S($D(^DPT(D0,0)):^(0),1:""),Y(
202)=X
59.2)= S I(0,0)=$S($D(D0):D0,1:""),Y(1)=$S($D(^BCHR(D0,0))
:^(0),1:""),D0=$P(Y(1),U,4) S:$D(^AUPNPAT(+D0,0)) D0=-1 S I
(100,0)=$S($D(D0):D0,1:""),Y(101)=$S($D(^AUPNPAT(D0,0)):^(0
),1:"")
59.3)= X ^DD(90002,.04,1,5,59.2) S D0=$P(Y(101),U,1) S:$D(
^DPT(+D0,0)) D0=-1 S Y(201)=$S($D(^DPT(D0,0)):^(0),1:""),Y(
202)=X
CREATE VALUE)= PATIENT:#.01:#.09

```

```
DELETE VALUE)= PATIENT:#.01:#.09
FIELD)= SSN
```

TRIGGER

```
Field: PATIENT (90002,.04)
Triggered Field: COMMUNITY (FT) (90002,1107)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11))
):^(11),1:"") S X=$P(Y(1),U,7),X=X S DIU=X K Y X ^DD(90002,
.04,1,7,1.1) X ^DD(90002,.04,1,7,1.4)
1.1)= S X=DIV S I(0,0)=$S($D(D0):D0,1:""),D0=DIV S:'$D(^AUP
NPAT(+D0,0)) D0=-1 S Y(101)=$S($D(^AUPNPAT(D0,11)):^(11),1:
"") S X=$P(Y(101),U,18) S D0=I(0,0)
1.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,7)=DIV,DIH=90002,DIG=1107 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11))
):^(11),1:"") S X=$P(Y(1),U,7),X=X S DIU=X K Y X ^DD(90002,
.04,1,7,2.1) X ^DD(90002,.04,1,7,2.4)
2.1)= S X=DIV X ^DD(90002,.04,1,7,59.2) S X=$P(Y(101),U,18)
S D0=I(0,0)
2.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,7)=DIV,DIH=90002,DIG=1107 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
59.2)= S I(0,0)=$S($D(D0):D0,1:""),Y(1)=$S($D(^BCHR(D0,0)):
^(0),1:""),D0=$P(Y(1),U,4) S:'$D(^AUPNPAT(+D0,0)) D0=-1 S Y
(101)=$S($D(^AUPNPAT(D0,11)):^(11),1:"")
CREATE VALUE)= PATIENT:#1118
DELETE VALUE)= PATIENT:#1118
FIELD)= #1107
```

TRIGGER

```
Field: PATIENT (90002,.04)
Triggered Field: TRIBE (90002,1105)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11))
):^(11),1:"") S X=$P(Y(1),U,5),X=X S DIU=X K Y X ^DD(90002,
.04,1,8,1.1) X ^DD(90002,.04,1,8,1.4)
1.1)= S X=DIV S I(0,0)=$S($D(D0):D0,1:""),D0=DIV S:'$D(^AUP
NPAT(+D0,0)) D0=-1 S Y(101)=$S($D(^AUPNPAT(D0,11)):^(11),1:
"") S X=$P(Y(101),U,8),X=X S X=X S D0=I(0,0)
1.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,5)=DIV,DIH=90002,DIG=1105 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11))
):^(11),1:"") S X=$P(Y(1),U,5),X=X S DIU=X K Y X ^DD(90002,
.04,1,8,2.1) X ^DD(90002,.04,1,8,2.4)
2.1)= S X=DIV X ^DD(90002,.04,1,8,59.2) S X=$P(Y(101),U,8),
X=X S X=X S D0=I(0,0)
2.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,5)=DIV,DIH=90002,DIG=1105 D ^DICR:$O(^DD(DIH,DIG,1,
0))>0
59.2)= S I(0,0)=$S($D(D0):D0,1:""),Y(1)=$S($D(^BCHR(D0,0)):
^(0),1:""),D0=$P(Y(1),U,4) S:'$D(^AUPNPAT(+D0,0)) D0=-1 S Y
(101)=$S($D(^AUPNPAT(D0,11)):^(11),1:"")
CREATE VALUE)= INTERNAL(#.04:#1108)
DELETE VALUE)= INTERNAL(#.04:#1108)
FIELD)= #1105
```

TRIGGER

```
Field: PATIENT (90002,.04)
Triggered Field: HEALTH RECORD NUMBER (90002,1111)
```



```

1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,11),X=X S DIU=X K Y X ^DD(90002
,.04,1,9,1.1) X ^DD(90002,.04,1,9,1.4)
1.1)= S X=DIV X ^DD(90002,.04,1,9,49.2) S X=$S('$D(DUZ(2)):
"$,$D(^AUPNPAT(D0,41,DUZ(2),0)):$P(^0),U,2),1:"") S X=X S
D0=I(0,0)
1.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,11)=DIV,DIH=90002,DIG=1111 D ^DICR:$O(^DD(DIH,DIG,1
,0))>0
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHR(D0,11)
):^(11),1:"") S X=$P(Y(1),U,11),X=X S DIU=X K Y X ^DD(90002
,.04,1,9,2.1) X ^DD(90002,.04,1,9,2.4)
2.1)= S X=DIV X ^DD(90002,.04,1,9,59.2) S X=$S('$D(^DPT(+ $P
(Y(101),U,1),0)):"",1:$P(^0),U,1),X=$S('$D(DUZ(2)):""$,$D(
^AUPNPAT(D0,41,DUZ(2),0)):$P(^0),U,2),1:"") S X=X S D0=I(0
,0)
2.4)= S DIH=$S($D(^BCHR(DIV(0),11)):^(11),1:""),DIV=X S $P(
^(11),U,11)=DIV,DIH=90002,DIG=1111 D ^DICR:$O(^DD(DIH,DIG,1
,0))>0
49.2)= S I(0,0)=$S($D(D0):D0,1:""),D0=DIV S '$D(^AUPNPAT(+D

```

```

0,0)) D0=-1 S Y(101)=$S($D(^AUPNPAT(D0,0)):^(0),1:"") S X=$
S(' $D(^DPT(+ $P(Y(101),U,1),0)): " ",1:$P(^0),U,1))
59.2)= S I(0,0)=$S($D(D0):D0,1:""),Y(1)=$S($D(^BCHR(D0,0)):
^(0),1:""),D0=$P(Y(1),U,4) S: '$D(^AUPNPAT(+D0,0)) D0=-1 S Y
(101)=$S($D(^AUPNPAT(D0,0)):^(0),1:"")
CREATE VALUE)= AFUN CHART(#.04)
DELETE VALUE)= AFUN CHART(#.04)
FIELD)= HEALTH RECORD NUMBER

```

Subfile #90002.03101

Traditional Cross-References:

```

B    REGULAR
      Field:  V FILES CREATED  (90002.03101,.01)
          1)= S ^BCHR(DA(1),31,"B", $E(X,1,30),DA)=" "
          2)= K ^BCHR(DA(1),31,"B", $E(X,1,30),DA)

```

Subfile #90002.141

Traditional Cross-References:

```

B    REGULAR
      Field:  REFERRED TO CHR BY  (90002.141,.01)
          1)= S ^BCHR(DA(1),41,"B", $E(X,1,30),DA)=" "
          2)= K ^BCHR(DA(1),41,"B", $E(X,1,30),DA)

```

Subfile #90002.142

Traditional Cross-References:

```

B    REGULAR
      Field:  REFERRED BY CHR TO  (90002.142,.01)
          1)= S ^BCHR(DA(1),42,"B", $E(X,1,30),DA)=" "
          2)= K ^BCHR(DA(1),42,"B", $E(X,1,30),DA)

```

Subfile #90002.81

Traditional Cross-References:

```

B    REGULAR
      Field:  CANNED NARRATIVES  (90002.81,.01)
          1)= S ^BCHR(DA(1),81,"B", $E(X,1,30),DA)=" "
          2)= K ^BCHR(DA(1),81,"B", $E(X,1,30),DA)

```

File #90002.01

Traditional Cross-References:

```

AC    REGULAR
      Field:  PATIENT  (90002.01,.02)
          1)= S ^BCHRPROB("AC", $E(X,1,30),DA)=" "
          2)= K ^BCHRPROB("AC", $E(X,1,30),DA)

AD    REGULAR
      Field:  CHR RECORD  (90002.01,.03)
          1)= S ^BCHRPROB("AD", $E(X,1,30),DA)=" "
          2)= K ^BCHRPROB("AD", $E(X,1,30),DA)

```

AY9 MUMPS

```

Field: PROBLEM CODE (90002.01,.01)
Description: Sets DIC("DR") to prevent the asking of identifiers when
file shifting.
1)= S:$D(BCHLOOK) DIC("DR")=""
2)= Q

```

B REGULAR

```

Field: PROBLEM CODE (90002.01,.01)
1)= S ^BCHRPROB("B", $E(X,1,30),DA)=""
2)= K ^BCHRPROB("B", $E(X,1,30),DA)

```

TRIGGER

```

Field: SERVICE MINUTES (90002.01,.05)
Triggered Field: TOTAL SERVICE TIME (90002,.27)
1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 X ^DD(90002.01,.05,1,1,89
.2) S X=$P(Y(101),U,27) S D0=I(0,0) S DIU=X K Y S X=DIV S X
=DIU+DIV X ^DD(90002.01,.05,1,1,1.4)
1.4)= S DIH=$S($D(^BCHR(DIV(0),0)):^(0),1:""),DIV=X I $D(^
(0)) S $P(^0),U,27)=DIV,DIH=90002,DIG=.27 D ^DICR:$O(^DD(DI
H,DIG,1,0))>0
2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 X ^DD(90002.01,.05,1,1,89
.2) S X=$P(Y(101),U,27) S D0=I(0,0) S DIU=X K Y S X=DIV S X
=DIU-X X ^DD(90002.01,.05,1,1,2.4)
2.4)= S DIH=$S($D(^BCHR(DIV(0),0)):^(0),1:""),DIV=X I $D(^
(0)) S $P(^0),U,27)=DIV,DIH=90002,DIG=.27 D ^DICR:$O(^DD(DI
H,DIG,1,0))>0
89.2)= S I(0,0)=$S($D(D0):D0,1:""),Y(1)=$S($D(^BCHRPROB(D0,
0)):^(0),1:""),D0=$P(Y(1),U,3) S:$D(^BCHR(+D0,0)) D0=-1 S
DIV(0)=D0 S Y(101)=$S($D(^BCHR(D0,0)):^(0),1:"")
CREATE VALUE)= TOTAL SERVICE TIME+SERVICE MINUTES
DELETE VALUE)= TOTAL SERVICE TIME-OLD SERVICE MINUTES
FIELD)=#.03:#.27

```

Subfile #90002.0181

Traditional Cross-References:

B REGULAR

```

Field: NUMBER (90002.0181,.01)
1)= S ^BCHRPROB(DA(1),81,"B", $E(X,1,30),DA)=""
2)= K ^BCHRPROB(DA(1),81,"B", $E(X,1,30),DA)

```

Subfile #90002.0192

Traditional Cross-References:

B REGULAR

```

Field: COUNT MULT (90002.0192,.01)
1)= S ^BCHRPROB(DA(1),92,"B", $E(X,1,30),DA)=""
2)= K ^BCHRPROB(DA(1),92,"B", $E(X,1,30),DA)

```

File #90002.02

Traditional Cross-References:

AC REGULAR

```

Field: PATIENT NAME (90002.02,.02)
1)= S ^BCHRPED("AC", $E(X,1,30),DA)=""
2)= K ^BCHRPED("AC", $E(X,1,30),DA)

```

```
AD    REGULAR
      Field:  CHR RECORD  (90002.02,.03)
            1)= S ^BCHRPED("AD", $E(X,1,30),DA)=" "
            2)= K ^BCHRPED("AD", $E(X,1,30),DA)
```

```
AV9   MUMPS
      Field:  TOPIC  (90002.02,.01)
            1)= S:$D(BCHLOOK) DIC("DR")=" "
            2)= Q
```

```
B     REGULAR
      Field:  TOPIC  (90002.02,.01)
            1)= S ^BCHRPED("B", $E(X,1,30),DA)=" "
            2)= K ^BCHRPED("B", $E(X,1,30),DA)
```

File #90002.11

Traditional Cross-References:

```
B     REGULAR
      Field:  PATIENT NAME  (90002.11,.01)
            1)= S ^BCHRPAT("B", $E(X,1,30),DA)=" "
            2)= K ^BCHRPAT("B", $E(X,1,30),DA)
```

```
C     SOUNDEX
      Field:  PATIENT NAME  (90002.11,.01)
            1)= S I=$E(X,1,27) D SOU^DICM S ^BCHRPAT("C",X_I,DA)=" "
            2)= S I=$E(X,1,27) D SOU^DICM K ^BCHRPAT("C",X_I,DA)
```

```
D     KWIC
      Field:  PATIENT NAME  (90002.11,.01)
            1)= S %1=1 F %=1:1:$L(X)+1 S I=$E(X,%) I "(,.? !'-/&:;)"[I
            S I=$E($E(X,%1,%-1),1,30),%1=%+1 I $L(I)>2,^DD("KWIC")'[I S
            ^BCHRPAT("D",I,DA)=" "
            2)= S %1=1 F %=1:1:$L(X)+1 S I=$E(X,%) I "(,.? !'-/&:;)"[I
            S I=$E($E(X,%1,%-1),1,30),%1=%+1 I $L(I)>2 K ^BCHRPAT("D",I
            ,DA)
```

```
TRIGGER
      Field:  PATIENT NAME  (90002.11,.01)
      Triggered Field:  CHR INTERNAL NUMBER  (90002.11,.09)
            1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHRPAT(D0,
            0)):^(0),1:" ") S X=$P(Y(1),U,9),X=X S DIU=X K Y S X=DIV S X
            ="CHR"_DA S DIH=$G(^BCHRPAT(DIV(0),0)),DIV=X S $P(^0,U,9)
            =DIV,DIH=90002.11,DIG=.09 D ^DICR
            2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$S($D(^BCHRPAT(D0,
            0)):^(0),1:" ") S X=$P(Y(1),U,9),X=X S DIU=X K Y S X=DIV S X
            ="CHR"_DA S DIH=$G(^BCHRPAT(DIV(0),0)),DIV=X S $P(^0,U,9)
            =DIV,DIH=90002.11,DIG=.09 D ^DICR
            CREATE VALUE)= S X="CHR"_DA
            DELETE VALUE)= S X="CHR"_DA
            FIELD)= #.09
```

File #90002.31

Traditional Cross-References:

```
B     REGULAR
      Field:  SITE  (90002.31,.01)
            1)= S ^BCHSITE("B", $E(X,1,30),DA)=" "
```

```

                2)= K ^BCHSITE("B", $E(X,1,30),DA)

File #90002.41

Traditional Cross-References:

AD    REGULAR
      Field:  SCREEN ITEM FOR DOWNLOAD  (90002.41,.15)
            1)= S ^BCHSORT("AD", $E(X,1,30),DA)=" "
            2)= K ^BCHSORT("AD", $E(X,1,30),DA)

B     REGULAR
      Field:  ITEM  (90002.41,.01)
            1)= S ^BCHSORT("B", $E(X,1,30),DA)=" "
            2)= K ^BCHSORT("B", $E(X,1,30),DA)

C     REGULAR
      Field:  ORDER ON MENU  (90002.41,.09)
            1)= S ^BCHSORT("C", $E(X,1,30),DA)=" "
            2)= K ^BCHSORT("C", $E(X,1,30),DA)

PO    REGULAR
      Field:  ORDER ON PATIENT MENU  (90002.41,.12)
            1)= S ^BCHSORT("PO", $E(X,1,30),DA)=" "
            2)= K ^BCHSORT("PO", $E(X,1,30),DA)

File #90002.42

Traditional Cross-References:

B     REGULAR
      Field:  $J_$H  (90002.42,.01)
            1)= S ^BCHTRPT("B", $E(X,1,30),DA)=" "
            2)= K ^BCHTRPT("B", $E(X,1,30),DA)

C     REGULAR
      Field:  NAME OF REPORT  (90002.42,.03)
            1)= S ^BCHTRPT("C", $E(X,1,30),DA)=" "
            2)= K ^BCHTRPT("C", $E(X,1,30),DA)

Subfile #90002.421101

Traditional Cross-References:

B     REGULAR
      Field:  SCREEN ITEMS  (90002.421101,.01)
            1)= S ^BCHTRPT(DA(1),11,"B", $E(X,1,30),DA)=" "
            2)= K ^BCHTRPT(DA(1),11,"B", $E(X,1,30),DA)

Subfile #90002.42110101

Traditional Cross-References:

B     REGULAR
      Field:  ITEM VALUE  (90002.42110101,.01)
            1)= S ^BCHTRPT(DA(2),11,DA(1),11,"B", $E(X,1,30),DA)=" "
            2)= K ^BCHTRPT(DA(2),11,DA(1),11,"B", $E(X,1,30),DA)

Subfile #90002.421102

Traditional Cross-References:

```

```
B    REGULAR
      Field:  PRINT ITEMS  (90002.421102,.01)
            1)= S ^BCHTRPT(DA(1),12,"B", $E(X,1,30),DA)=" "
            2)= K ^BCHTRPT(DA(1),12,"B", $E(X,1,30),DA)
```

File #90002.43

Traditional Cross-References:

B REGULAR
 Field: NAME (90002.43,.01)
 1)= S ^BCHRCNT("B", \$E(X,1,30),DA)=" "
 2)= K ^BCHRCNT("B", \$E(X,1,30),DA)

File #90002.51

Traditional Cross-References:

B REGULAR
 Field: NAME (90002.51,.01)
 1)= S ^BCHTPROG("B", \$E(X,1,30),DA)=" "
 2)= K ^BCHTPROG("B", \$E(X,1,30),DA)

C REGULAR
 Field: PROGRAM CODE (90002.51,.05)
 1)= S ^BCHTPROG("C", \$E(X,1,30),DA)=" "
 2)= K ^BCHTPROG("C", \$E(X,1,30),DA)

File #90002.52

Traditional Cross-References:

B REGULAR
 Field: NAME (90002.52,.01)
 1)= S ^BCHTREF("B", \$E(X,1,30),DA)=" "
 2)= K ^BCHTREF("B", \$E(X,1,30),DA)

C REGULAR
 Field: CODE (90002.52,.02)
 1)= S ^BCHTREF("C", \$E(X,1,30),DA)=" "
 2)= K ^BCHTREF("C", \$E(X,1,30),DA)

D REGULAR
 Field: ABBREVIATION (90002.52,.03)
 1)= S ^BCHTREF("D", \$E(X,1,30),DA)=" "
 2)= K ^BCHTREF("D", \$E(X,1,30),DA)

File #90002.53

Traditional Cross-References:

B REGULAR
 Field: NAME (90002.53,.01)
 1)= S ^BCHTPROB("B", \$E(X,1,30),DA)=" "
 2)= K ^BCHTPROB("B", \$E(X,1,30),DA)

C REGULAR
 Field: MNEMONIC (90002.53,.02)
 1)= S ^BCHTPROB("C", \$E(X,1,30),DA)=" "
 2)= K ^BCHTPROB("C", \$E(X,1,30),DA)

File #90002.54

Traditional Cross-References:

B REGULAR
 Field: NAME (90002.54,.01)
 1)= S ^BCHTSERV("B", \$E(X,1,30),DA)=" "
 2)= K ^BCHTSERV("B", \$E(X,1,30),DA)

C REGULAR
 Field: CODE (90002.54,.02)
 1)= S ^BCHTSERV("C", \$E(X,1,30),DA)=" "
 2)= K ^BCHTSERV("C", \$E(X,1,30),DA)

D REGULAR
 Field: MNEMONIC (90002.54,.03)
 1)= S ^BCHTSERV("D", \$E(X,1,30),DA)=" "
 2)= K ^BCHTSERV("D", \$E(X,1,30),DA)

File #90002.55

Traditional Cross-References:

B REGULAR
 Field: NAME (90002.55,.01)
 1)= S ^BCHTFPM("B", \$E(X,1,30),DA)=" "
 2)= K ^BCHTFPM("B", \$E(X,1,30),DA)

C REGULAR
 Field: CODE (90002.55,.02)
 1)= S ^BCHTFPM("C", \$E(X,1,30),DA)=" "
 2)= K ^BCHTFPM("C", \$E(X,1,30),DA)

File #90002.56

Traditional Cross-References:

B REGULAR
 Field: NAME (90002.56,.01)
 1)= S ^BCHTACTL("B", \$E(X,1,30),DA)=" "
 2)= K ^BCHTACTL("B", \$E(X,1,30),DA)

C REGULAR
 Field: CODE (90002.56,.02)
 1)= S ^BCHTACTL("C", \$E(X,1,30),DA)=" "
 2)= K ^BCHTACTL("C", \$E(X,1,30),DA)

D REGULAR
 Field: MNEMONIC (CHRIS II) (90002.56,.05)
 1)= S ^BCHTACTL("D", \$E(X,1,30),DA)=" "
 2)= K ^BCHTACTL("D", \$E(X,1,30),DA)

File #90002.57

Traditional Cross-References:

B REGULAR
 Field: CATEGORY (90002.57,.01)
 1)= S ^BCHTHAC("B", \$E(X,1,30),DA)=" "


```
2)= K ^BCHTHAC("B", $E(X,1,30),DA)
```

File #90002.58

Traditional Cross-References:

```
B    REGULAR
      Field:  MNEMONIC  (90002.58,.01)
            1)= S ^BCHTMT("B", $E(X,1,30),DA)=" "
            2)= K ^BCHTMT("B", $E(X,1,30),DA)
```

File #90002.59

Traditional Cross-References:

```
B    REGULAR
      Field:  NARRATIVE (90002.59,.01)
            1)= S ^BCHTCNAR("B",X,DA)=" "
            2)= K ^BCHTCNAR("B",X,DA)
```

Subfile #90002.5911

Traditional Cross-References:

```
ASCO  MUMPS  WHOLE FILE (#90002.59)
      Field:  ORDER  (90002.5911,.02)
            1)= S ^BCHTCNAR("ASCO", $P(^BCHTCNAR(DA(1),11,DA,0),U,1),X,D
            A(1),DA)=" "
            2)= K ^BCHTCNAR("ASCO", $P(^BCHTCNAR(DA(1),11,DA,0),U,1),X,D
            A(1),DA)

B    REGULAR
      Field:  SERVICE CODES TO USE WITH (90002.5911,.01)
            1)= S ^BCHTCNAR(DA(1),11,"B", $E(X,1,30),DA)=" "
            2)= K ^BCHTCNAR(DA(1),11,"B", $E(X,1,30),DA)
```

Subfile #90002.5912

Traditional Cross-References:

```
ACOMB  MUMPS  WHOLE FILE (#90002.59)
      Field:  ORDER TO DISPLAY (90002.5912,.02)
            1)= S ^BCHTCNAR("ACOMB", $P(^BCHTCNAR(DA(1),12,DA,0),U,1),X,
            DA(1),DA)=" "
            2)= K ^BCHTCNAR("ACOMB", $P(^BCHTCNAR(DA(1),12,DA,0),U,1),X,
            DA(1),DA)

B    REGULAR
      Field:  PROB CODE-SERV CODE (90002.5912,.01)
            1)= S ^BCHTCNAR(DA(1),12,"B", $E(X,1,30),DA)=" "
            2)= K ^BCHTCNAR(DA(1),12,"B", $E(X,1,30),DA)
```

File #90002.61

Traditional Cross-References:

```
B    REGULAR
      Field:  LOCATION (90002.61,.01)
            1)= S ^BCHTLOC("B", $E(X,1,30),DA)=" "
            2)= K ^BCHTLOC("B", $E(X,1,30),DA)
```

INDEX AND CROSS-REFERENCE LIST -- FILE #90002.67

11/20/11

PAGE 1

File #90002.67

Traditional Cross-References:

AINV MUMPS

Field: DATE OF SERVICE (90002.67,.01)
 1)= S ^BCHGRPD("AINV", (9999999-\$P(X,".")), DA)=" "
 2)= K ^BCHGRPD("AINV", (9999999-\$P(X,".")), DA)

B REGULAR

Field: DATE OF SERVICE (90002.67,.01)
 1)= S ^BCHGRPD("B", \$E(X,1,30), DA)=" "
 2)= K ^BCHGRPD("B", \$E(X,1,30), DA)

Subfile #90002.6751

Traditional Cross-References:

B REGULAR

Field: PATIENTS (90002.6751,.01)
 1)= S ^BCHGRPD(DA(1), 51, "B", \$E(X,1,30), DA)=" "
 2)= K ^BCHGRPD(DA(1), 51, "B", \$E(X,1,30), DA)
 3)= Required Index for Variable Pointer

Subfile #90002.6761

Traditional Cross-References:

AREC REGULAR WHOLE FILE (#90002.67)

Field: CHR RECORD (90002.6761,.01)
 1)= S ^BCHGRPD("AREC", \$E(X,1,30), DA(1), DA)=" "
 2)= K ^BCHGRPD("AREC", \$E(X,1,30), DA(1), DA)

B REGULAR

Field: CHR RECORD (90002.6761,.01)
 1)= S ^BCHGRPD(DA(1), 61, "B", \$E(X,1,30), DA)=" "
 2)= K ^BCHGRPD(DA(1), 61, "B", \$E(X,1,30), DA)

File #90002.91

Traditional Cross-References:

B REGULAR

Field: BEGINNING DATE (90002.91,.01)
 1)= S ^BCHXLOG("B", \$E(X,1,30), DA)=" "
 2)= K ^BCHXLOG("B", \$E(X,1,30), DA)

C REGULAR

Field: RUN START DATE/TIME (90002.91,.03)
 1)= S ^BCHXLOG("C", \$E(X,1,30), DA)=" "
 2)= K ^BCHXLOG("C", \$E(X,1,30), DA)

D REGULAR

Field: BATCH NUMBER (90002.91,.17)
 1)= S ^BCHXLOG("D", \$E(X,1,30), DA)=" "
 2)= K ^BCHXLOG("D", \$E(X,1,30), DA)

Subfile #90002.912101

Traditional Cross-References:

B REGULAR
 Field: RECORDS (90002.912101,.01)
 1)= S ^BCHXLOG(DA(1),21,"B", \$E(X,1,30),DA)=" "
 2)= K ^BCHXLOG(DA(1),21,"B", \$E(X,1,30),DA)

Subfile #90002.915101

Traditional Cross-References:

B REGULAR
 Field: TRANSACTION ERRORS (90002.915101,.01)
 1)= S ^BCHXLOG(DA(1),51,"B", \$E(X,1,30),DA)=" "
 2)= K ^BCHXLOG(DA(1),51,"B", \$E(X,1,30),DA)

File #90002.92

Traditional Cross-References:

B REGULAR
 Field: CODE (90002.92,.01)
 1)= S ^BCHERR("B", \$E(X,1,30),DA)=" "
 2)= K ^BCHERR("B", \$E(X,1,30),DA)

C REGULAR
 Field: SHORT DESCRIPTION (90002.92,.02)
 1)= S ^BCHERR("C", \$E(X,1,30),DA)=" "
 2)= K ^BCHERR("C", \$E(X,1,30),DA)

File #90002.93

Traditional Cross-References:

B REGULAR
 Field: ERROR CODE (90002.93,.01)
 1)= S ^BCHDTER("B", \$E(X,1,30),DA)=" "
 2)= K ^BCHDTER("B", \$E(X,1,30),DA)

File #90002.95

Traditional Cross-References:

AD REGULAR
 Field: DATE EXPORTED (90002.95,.06)
 1)= S ^BCHEXDEL("AD", \$E(X,1,30),DA)=" "
 2)= K ^BCHEXDEL("AD", \$E(X,1,30),DA)

AEX REGULAR
 Field: DATE DELETED (90002.95,.05)
 1)= S ^BCHEXDEL("AEX", \$E(X,1,30),DA)=" "
 2)= K ^BCHEXDEL("AEX", \$E(X,1,30),DA)

B REGULAR
 Field: PROVIDER (90002.95,.01)
 1)= S ^BCHEXDEL("B", \$E(X,1,30),DA)=" "
 2)= K ^BCHEXDEL("B", \$E(X,1,30),DA)

File #90002.97

Traditional Cross-References:

B REGULAR
 Field: FORM ID (90002.97,.01)
 1)= S ^BCHGROUP("B", \$E(X,1,30),DA)=" "
 2)= K ^BCHGROUP("B", \$E(X,1,30),DA)

Subfile #90002.972101

Traditional Cross-References:

B REGULAR
 Field: CHR RECORDS (90002.972101,.01)
 1)= S ^BCHGROUP(DA(1),21,"B", \$E(X,1,30),DA)=" "
 2)= K ^BCHGROUP(DA(1),21,"B", \$E(X,1,30),DA)

Subfile #90002.979101

Traditional Cross-References:

B REGULAR
 Field: ASSESSMENTS (90002.979101,.01)
 1)= S ^BCHGROUP(DA(1),91,"B", \$E(X,1,30),DA)=" "
 2)= K ^BCHGROUP(DA(1),91,"B", \$E(X,1,30),DA)

File #90002.98

Traditional Cross-References:

AC REGULAR
 Field: GROUP FORM (90002.98,.02)
 1)= S ^BCHRGAS("AC", \$E(X,1,30),DA)=" "
 2)= K ^BCHRGAS("AC", \$E(X,1,30),DA)

AD REGULAR
 Field: GROUP FORM (90002.98,.03)
 1)= S ^BCHRGAS("AD", \$E(X,1,30),DA)=" "
 2)= K ^BCHRGAS("AD", \$E(X,1,30),DA)

AY9 MUMPS
 Field: PROBLEM CODE (90002.98,.01)
 Description: Sets DIC("DR") to prevent the asking of identifiers when
 file shifting.
 1)= S:\$D(BCHLOOK) DIC("DR")=" "
 2)= Q

B REGULAR
 Field: PROBLEM CODE (90002.98,.01)
 1)= S ^BCHRGAS("B", \$E(X,1,30),DA)=" "
 2)= K ^BCHRGAS("B", \$E(X,1,30),DA)

Subfile #90002.9881

Traditional Cross-References:

B REGULAR
 Field: NUMBER (90002.9881,.01)

```

1)= S ^BCHRGAS(DA(1),81,"B",SE(X,1,30),DA)="
2)= K ^BCHRGAS(DA(1),81,"B",SE(X,1,30),DA)

Subfile #90002.9892

Traditional Cross-References:

B    REGULAR
      Field:  COUNT MULT  (90002.9892,.01)
1)= S ^BCHRGAS(DA(1),92,"B",SE(X,1,30),DA)="
2)= K ^BCHRGAS(DA(1),92,"B",SE(X,1,30),DA)
    
```

4.4 Table File

4.4.1 CHR RECORD

GLOBAL: ^BCHR(

FILE #: 90002

```

STORED IN: ^BCHR(
-----
                                FILE SECURITY
                                DD SECURITY   : @      DELETE SECURITY: M
                                READ SECURITY  : M      LAYGO SECURITY  : M
                                WRITE SECURITY : M

CROSS REFERENCED BY:
CHR PROVIDER(AA)  DATE OF SERVICE(AA2)  POSTING DATE(AD)
DATE OF SERVICE(AE)  PATIENT(AE2)  DATE LAST MODIFIED(AEX)
DATE OF SERVICE(AF)  PROGRAM(AF2)  CHR PROVIDER(AF3)
FORM #(AF4)  PATIENT (NON-REGISTERED)(ANRE)  PATIENT (NON-REGISTERED)(ANRP)
PCC VISIT(AVSIT)  DATE OF SERVICE(B)  PATIENT(C)
UNIQUE ID FOR RECORD(CUI)

                                FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.01        DATE OF SERVICE (RDX), [0;1]
.02        PROGRAM (RP90002.51'), [0;2]
.029       PROGRAM CODE (C) (CJ8), [ ; ]
.03        CHR PROVIDER (R*P200'X), [0;3]
.04        PATIENT (P9000001'X), [0;4]
.05        LOCATION OF ENCOUNTER (P9999999.06'), [0;5]
.06        ACTIVITY LOCATION (RP90002.56'), [0;6]
.07        REFERRED TO CHR BY (RP90002.52'), [0;7]
.08        REFERRED BY CHR TO (RP90002.52'), [0;8]
.09        *EVALUATION (S), [0;9]
.11        TRAVEL TIME (F), [0;11]
.12        NUMBER OF CLIENTS SERVED (RFX), [0;12]
.13        LMP (DX), [0;13]
.14        FAMILY PLANNING METHOD (P90002.55'), [0;14]
    
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.15   PCC VISIT (P9000010'), [0;15]
.16   WHO ENTERED RECORD (P200'), [0;16]
.17   DATE LAST MODIFIED (D), [0;17]
.19   DATE EXTRACTED (D), [0;19]
.21   UNIQUE ID FOR RECORD (F), [0;21]
.22   POSTING DATE (RD), [0;22]
.23   CHR (AFFL/DISC/CODE) (F), [0;23]
.24   PROGRAM CODE (F), [0;24]
.25   FORM # (NJ5,0), [0;25]
.26   SYSTEM OF ORIGIN (S), [0;26]
.27   TOTAL SERVICE TIME (NJ4,0), [0;27]
.28   REMOTE DUPLICATE FLAG (S), [0;28]
.29   GROUP? (S), [0;29]
1101  PATIENT NAME (FX), [11;1]
1102  DOB (DX), [11;2]
1103  SEX (S), [11;3]
1104  SSN (F), [11;4]
1105  TRIBE (*P9999999.03'), [11;5]
1106  COMMUNITY OF RESIDENCE (P9999999.05'), [11;6]
1107  COMMUNITY (FT) (F), [11;7]
1108  TEMPORARY RESIDENCE (F), [11;8]
1109  CHART FACILITY (P9999999.06'), [11;9]
1111  HEALTH RECORD NUMBER (NJ6,0), [11;11]
1112  PATIENT (NON-REGISTERED) (P90002.11), [11;12]
1113  CHR ID FOR NON-REG PATIENT (F), [11;13]
1201  BLOOD PRESSURE (FX), [12;1]
1202  WEIGHT (FX), [12;2]
1203  HEIGHT (NJ3,0X), [12;3]
1204  HEAD CIRCUMFERENCE (NJ2,0X), [12;4]
1205  VISION UNCORRECTED (FX), [12;5]
1206  VISION CORRECTED (FX), [12;6]
1207  TEMPERATURE (FX), [12;7]
1208  PULSE (FX), [12;8]
1209  RESPIRATIONS (FX), [12;9]
1210  PPD READING (NJ2,0), [12;10]
1211  WAIST CIRCUMFERENCE (NJ5,2), [12;11]
1212  BMI (NJ5,2), [12;12]
1301  BLOOD SUGAR COLLECTION DATE (D), [13;1]
1302  BLOOD SUGAR RESULT (NJ4,0), [13;2]
1303  THRT CULTURE COLLECTION DATE (D), [13;3]
1304  THRT CULTURE VALUE (F), [13;4]
1305  UA COLLECTION DATE (D), [13;5]
1306  UA VALUE (F), [13;6]
1307  HCT COLLECTION DATE (D), [13;7]
1308  HCT VALUE (F), [13;8]
1309  Hemoglobin Alc (F), [13;9]
1310  TOTAL CHOLESTEROL (NJ4,0), [13;10]
1401  UNIQUE ID FROM REMOTE (F), [14;1]
1402  UNIQUE ID (MACHINE) (F), [14;2]
1501  LOCATION (P90002.61'), [15;1]
1502  CITY (F), [15;2]
1503  STATE (P5'), [15;3]
2101  PURPOSE OF REFERRAL (F), [21;1]
2102  INSURER (F), [21;2]
3101  V FILES CREATED (Multiple-90002.03101), [31;0]
      .01 V FILES CREATED (P1'), [0;1]
      .02 IEN (NJ12,0), [0;2]
4101  REFERRED TO CHR BY (Multiple-90002.141), [41;0]
      .01 REFERRED TO CHR BY (MRP90002.52'), [0;1]
4201  REFERRED BY CHR TO (Multiple-90002.142), [42;0]
      .01 REFERRED BY CHR TO (RP90002.52'), [0;1]

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| | |
|------|---|
| 5101 | SUBJECTIVE (Multiple-90002.05101), [51;0] |
| | .01 SUBJECTIVE (W), [0;1] |
| 6101 | OBJECTIVE (Multiple-90002.06101), [61;0] |
| | .01 OBJECTIVE (W), [0;1] |
| 7101 | PLANS/TREATMENTS (Multiple-90002.07101), [71;0] |
| | .01 PLANS/TREATMENTS (W), [0;1] |
| 8101 | CANNED NARRATIVES (Multiple-90002.81), [81;0] |
| | .01 CANNED NARRATIVES (P90002.59'), [0;1] |
| 8701 | REFERRED TO CHR BY (FX), [87;1] |
| 8901 | PATIENT (V), [89;1] |
| 8902 | REFERRED BY CHR TO (FX), [89;2] |
| 9999 | LOOKUP (CJ8), [;] |

4.4.2 CHR POV

GLOBAL: ^BCHRPROB(

FILE #: 90002.01

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| STORED IN: ^BCHRPROB(| | 11/20/11 | PAGE 1 |
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| | | FILE SECURITY | |
| | DD SECURITY | : @ | DELETE SECURITY: M |
| | READ SECURITY | : M | LAYGO SECURITY : M |
| | WRITE SECURITY | : M | |
| CROSS REFERENCED BY: | | | |
| | PATIENT(AC) | CHR RECORD(AD) | PROBLEM CODE(AY9) |
| | PROBLEM CODE(B) | | |
| FILE STRUCTURE | | | |
| FIELD | FIELD | | |
| NUMBER | NAME | | |
| .01 | PROBLEM CODE (R*P90002.53'), [0;1] | | |
| .02 | PATIENT (P9000001'), [0;2] | | |
| .03 | CHR RECORD (RP90002'), [0;3] | | |
| .04 | SERVICE CODE (R*P90002.54'), [0;4] | | |
| .05 | SERVICE MINUTES (RNJ4,0), [0;5] | | |
| .06 | NARRATIVE (RP9999999.27), [0;6] | | |
| .07 | SUBSTANCE RELATED (S), [0;7] | | |
| .08 | CANNED NARRATIVE (*P90002.59'), [0;8] | | |
| .09 | CNNCOUNT (NJ2,0X), [0;9] | | |
| 1101 | ADDITIONAL NARRATIVE (F), [11;1] | | |
| 8101 | CANNED NARRATIVES (Multiple-90002.0181), [81;0] | | |
| | .01 NUMBER (NJ2,0), [0;1] | | |
| | .02 NARRATIVE (P90002.59'), [0;2] | | |
| 9101 | NARRATIVE TEMP (P9999999.27), [91;1] | | |
| 9201 | COUNT MULT (Multiple-90002.0192), [92;0] | | |
| | .01 COUNT MULT (NJ2,0), [0;1] | | |

4.4.3 FILE: CHR EDUCATION PROVIDED
GLOBAL: ^BCHRPED(FILE #: 90002.02

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| STORED IN: ^BCHRPED(| | 11/20/11 | PAGE 1 |
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| | | FILE SECURITY | |
| | DD SECURITY | : @ | DELETE SECURITY: M |
| | READ SECURITY | : M | LAYGO SECURITY : M |
| | WRITE SECURITY | : M | |
| CROSS REFERENCED BY: | | | |
| | PATIENT NAME(AC) | CHR RECORD(AD) | TOPIC(AV9) |
| | TOPIC(B) | | |
| FILE STRUCTURE | | | |
| FIELD NUMBER | FIELD NAME | | |
| .01 | TOPIC (R*P9999999.09'), [0;1] | | |
| .02 | PATIENT NAME (RP9000001'I), [0;2] | | |
| .03 | CHR RECORD (R*P90002'I), [0;3] | | |
| .04 | ICD DIAGNOSIS (P80'), [0;4] | | |
| .041 | ICD TEXT (CJ8), [;] | | |
| .05 | PROVIDER (*P200'), [0;5] | | |
| .06 | LEVEL OF UNDERSTANDING (S), [0;6] | | |
| .07 | INDIVIDUAL/GROUP (S), [0;7] | | |
| .08 | LENGTH OF EDUC (MINUTES) (NJ3,0), [0;8] | | |
| .09 | CPT CODE (*P81'), [0;9] | | |
| .11 | COMMENT (F), [0;11] | | |
| .12 | TOPIC CATEGORY (P9001002.5'), [0;12] | | |
| .13 | BEHAVIOR CODE (S), [0;13] | | |
| .14 | OBJECTIVES MET (F), [0;14] | | |
| 1101 | PROVIDER'S NARRATIVE (F), [11;1] | | |
| 1201 | EVENT DATE AND TIME (D), [12;1] | | |
| 1202 | ORDERING PROVIDER (*P200'X), [12;2] | | |
| 1203 | CLINIC (P40.7'), [12;3] | | |
| 1204 | ENCOUNTER PROVIDER (P200'), [12;4] | | |
| 1208 | PARENT (P90002.02'), [12;8] | | |
| 1209 | EXTERNAL KEY (F), [12;9] | | |
| 1210 | OUTSIDE PROVIDER NAME (F), [12;10] | | |
| 80101 | EDITED FLAG (S), [801;1] | | |
| 80102 | AUDIT TRAIL (F), [801;2] | | |
| 81101 | COMMENTS (F), [811;1] | | |
| 81201 | VERIFIED (SI), [812;1] | | |
| 81202 | PACKAGE (P9.4'I), [812;2] | | |
| 81203 | DATA SOURCE (P839.7'I), [812;3] | | |

4.4.4 FILE: CHR NON REGISTERED PATIENTS
GLOBAL: ^BCHRNPAT(FILE #: 90002.11

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| STORED IN: ^BCHRNPAT(| | 11/20/11 | PAGE 1 |
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                                FILE SECURITY
                                DD SECURITY   : @   DELETE SECURITY: @
                                READ SECURITY  : M   LAYGO SECURITY : M
                                WRITE SECURITY : M

CROSS REFERENCED BY:
    PATIENT NAME(B)  PATIENT NAME(C)  PATIENT NAME(D)

                                FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.01        PATIENT NAME (RFX), [0;1]
.02        DOB (RDX), [0;2]
.03        GENDER (RS), [0;3]
.04        SSN (F), [0;4]
.05        TRIBE (R*P9999999.03'), [0;5]
.06        COMMUNITY OF RESIDENCE (P9999999.05'), [0;6]
.07        HRN (NJ7,0), [0;7]
.08        FACILITY (P9999999.06'), [0;8]
.09        CHR INTERNAL NUMBER (FI), [0;9]
    
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4.4.5 FILE: CHR SITE PARAMETERS

GLOBAL: ^BCHSITE(FILE #: 90002.31

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                                FILE SECURITY
                                DD SECURITY   : @   DELETE SECURITY: @
                                READ SECURITY  : M   LAYGO SECURITY : M
                                WRITE SECURITY : M

CROSS REFERENCED BY:
    SITE(B)

                                FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.01        SITE (RP9999999.06'X), [0;1]
.02        TYPE OF VISIT (RS), [0;2]
.03        DEFAULT PROGRAM (P90002.51'), [0;3]
.04        TYPE OF VISIT IF IN A FACILITY (S), [0;4]
.05        LOCATION FOR HOME (P9999999.06'), [0;5]
.06        LOCATION FOR OFFICE (P9999999.06'), [0;6]
.07        DEFAULT DEVICE FOR DATA TRANS (S), [0;7]
.08        MODE OF PASSING DATA TO CHRIS (S), [0;8]
.09        LOCATION FOR OTHER (P9999999.06'), [0;9]
.11        LAST BATCH NUMBER USED (NJ5,0X), [0;11]
.12        GLUCOSE LAB TEST (P60'), [0;12]
.13        HL7 DIRECTORY PATH (F), [0;13]
    
```

```
.14 HL7 FILE PREFIX (F), [0;14]
.15 DATE PT DATA LAST DOWNLOADED (D), [0;15]
.16 LOCATION FOR SCHOOL (P9999999.06'), [0;16]
.17 HEMOGLOBIN A1C TEST (P60'), [0;17]
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4.4.6 FILE: CHR REPORT SORT

GLOBAL: ^BCHSORT(FILE #: 90002.41

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STORED IN: ^BCHSORT(                                     11/20/11   PAGE 1
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                                           FILE SECURITY
                                DD SECURITY   : @   DELETE SECURITY: @
                                READ SECURITY  : M   LAYGO SECURITY : @
                                WRITE SECURITY : @

CROSS REFERENCED BY:
  SCREEN ITEM FOR DOWNLOAD(AD)  ITEM(B)  ORDER ON MENU(C)
  ORDER ON PATIENT MENU(PO)

                                FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.001       NUMBER (NJ7,0), [ ]
.01        ITEM (RF), [0;1]
.02        PROCESS TYPE (S), [0;2]
.03        QMAN TERM (F), [0;3]
.04        FILE, FIELD FOR DIR/DIQ (F), [0;4]
.05        PRINT/SELECT/SORT (F), [0;5]
.06        COLUMN HEADER (F), [0;6]
.07        SUGGESTED COLUMN WIDTH (NJ2,0), [0;7]
.08        MULT LOGIC (S), [0;8]
.09        ORDER ON MENU (NJ6,2), [0;9]
.11        PATIENT/RECORD (S), [0;11]
.12        ORDER ON PATIENT MENU (NJ5,0), [0;12]
.13        PATIENT/DATE RANGE NECESSARY (S), [0;13]
.14        PRINT MENU HEADER (F), [0;14]
.15        SCREEN ITEM FOR DOWNLOAD (S), [0;15]
1          SCREEN LOGIC (K), [1;E1,245]
2          TRANSLATION LOGIC (K), [2;E1,245]
3          PRINT LOGIC (K), [3;E1,245]
4          SPECIAL LOGIC (K), [4;E1,245]
5          SORT LOGIC (K), [5;E1,245]
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4.4.7 FILE: BCH REPORT TEMPORARY DEFINITION

GLOBAL: ^BCHTRPT(FILE #: 90002.42

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STORED IN: ^BCHTRPT(                                     11/20/11   PAGE 1
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                                           FILE SECURITY
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DD SECURITY      : @      DELETE SECURITY: M
READ SECURITY    : M      LAYGO SECURITY : M
WRITE SECURITY   : M

CROSS REFERENCED BY:
  $J_$H(B)  NAME OF REPORT(C)

FILE STRUCTURE

FIELD          FIELD
NUMBER         NAME

.01            $J_$H (RF), [0;1]
.02            PERMANENT (S), [0;2]
.03            NAME OF REPORT (F), [0;3]
.04            SEPARATE PAGE (S), [0;4]
.05            COUNT TYPE (S), [0;5]
.06            PATIENT/RECORD (S), [0;6]
.07            SORT ITEM (P90002.41'), [0;7]
.08            SORT TEXT (F), [0;8]
.09            PACKAGE (F), [0;9]
.11            DATE RANGE NECESSARY (S), [0;11]
.12            NAME OF FLAT FILE (F), [0;12]
1101           SCREEN ITEMS (Multiple-90002.421101), [11;0]
               .01  SCREEN ITEMS (F), [0;1]
               .02  ITEM 2 (F), [0;2]
               1101 ITEM VALUE (Multiple-90002.42110101), [11;0]
                   .01  ITEM VALUE (F), [0;1]
1102           PRINT ITEMS (Multiple-90002.421102), [12;0]
               .01  PRINT ITEMS (P90002.41'), [0;1]
    
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4.4.8 FILE: CHR REPORT CONTROL

GLOBAL: ^BCHRCNT(FILE #: 90002.43

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FILE SECURITY
DD SECURITY      : @      DELETE SECURITY: @
READ SECURITY    : M      LAYGO SECURITY : @
WRITE SECURITY   : @

CROSS REFERENCED BY:
  NAME(B)

FILE STRUCTURE

FIELD          FIELD
NUMBER         NAME

.001           NUMBER (NJ3,0), [ ]
.01            NAME (RF), [0;1]
.02            INFORM ROUTINE (F), [0;2]
.03            PRINT INTERACTIVE (F), [0;3]
.04            PRINT ROUTINE (F), [0;4]
.05            PROCESSING ROUTINE (F), [0;5]
.06            SHORT DESCRIPTION (F), [0;6]
    
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```
.07      SETTEMP (F), [0;7]
.08      SORT? (S), [0;8]
.09      POST-PROCESSING ROUTINE (F), [0;9]
.11      PRE-PROCESSING ROUTINE (F), [0;11]
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4.4.9 FILE: CHR PROGRAMS

GLOBAL: ^BCHTPROG(FILE #: 90002.51

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STORED IN: ^BCHTPROG(                                     11/20/11   PAGE 1
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                                           FILE SECURITY
                                DD SECURITY   : @   DELETE SECURITY: @
                                READ SECURITY  : M   LAYGO SECURITY  : @
                                WRITE SECURITY : @

CROSS REFERENCED BY:
  NAME(B)  PROGRAM CODE(C)

                                           FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.01        NAME (RF), [0;1]
.02        AREA (RP9999999.21'), [0;2]
.03        SERVICE UNIT (P9999999.22'), [0;3]
.04        TRIBE (P9999999.03'), [0;4]
.05        PROGRAM CODE (F), [0;5]
```

4.4.10 FILE: CHR REFERRALS

GLOBAL: ^BCHTREF(FILE #: 90002.52

| | | | |
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| STORED IN: ^BCHTREF(| | 11/20/11 | PAGE 1 |
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| | | FILE SECURITY | |
| | DD SECURITY | : @ | DELETE SECURITY: @ |
| | READ SECURITY | : M | LAYGO SECURITY : @ |
| | WRITE SECURITY | : @ | |
| CROSS REFERENCED BY: | | | |
| | NAME(B) | CODE(C) | ABBREVIATION(D) |
| FILE STRUCTURE | | | |
| FIELD NUMBER | FIELD NAME | | |
| .01 | NAME (RF), | [0;1] | |
| .02 | CODE (F), | [0;2] | |
| .03 | ABBREVIATION (F), | [0;3] | |

4.4.11 FILE: CHR HEALTH PROBLEM CODES

GLOBAL: ^BCHTPROB(FILE #: 90002.53

| | | | |
|-----------------------|------------------------|---------------|--------------------|
| STORED IN: ^BCHTPROB(| | 11/20/11 | PAGE 1 |
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| | | FILE SECURITY | |
| | DD SECURITY | : @ | DELETE SECURITY: @ |
| | READ SECURITY | : M | LAYGO SECURITY : @ |
| | WRITE SECURITY | : @ | |
| CROSS REFERENCED BY: | | | |
| | NAME(B) | MNEMONIC(C) | |
| FILE STRUCTURE | | | |
| FIELD NUMBER | FIELD NAME | | |
| .01 | NAME (RF), | [0;1] | |
| .02 | MNEMONIC (FX), | [0;2] | |
| .03 | CATEGORY (P90002.57'), | [0;3] | |
| .05 | ICD9 CODE (F), | [0;5] | |
| .06 | INACTIVE? (S), | [0;6] | |

4.4.12 FILE: CHR SERVICE CODES

GLOBAL: ^BCHTSERV(FILE #: 90002.54

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STORED IN: ^BCHTSERV(                                     11/20/11    PAGE 1
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                                FILE SECURITY
                                DD SECURITY      : @      DELETE SECURITY: @
                                READ SECURITY   : M      LAYGO SECURITY  : @
                                WRITE SECURITY  : @

CROSS REFERENCED BY:
  NAME(B)  CODE(C)  MNEMONIC(D)

                                FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.01        NAME (RF), [0;1]
.02        CODE (F), [0;2]
.03        MNEMONIC (F), [0;3]
.04        PASS TO PCC? (S), [0;4]
.05        PCC SERVICE CATEGORY (S), [0;5]
.06        ASK PATIENT? (S), [0;6]
    
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4.4.13 FILE: CHR FAMILY PLANNING METHODS

GLOBAL: ^BCHTFPM(FILE #: 90002.55

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STORED IN: ^BCHTFPM(                                     11/20/11    PAGE 1
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                                FILE SECURITY
                                DD SECURITY      : @      DELETE SECURITY: @
                                READ SECURITY   : M      LAYGO SECURITY  : @
                                WRITE SECURITY  : @

CROSS REFERENCED BY:
  NAME(B)  CODE(C)

                                FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.01        NAME (RF), [0;1]
.02        CODE (NJ2,0), [0;2]
.03        PCC REPRODUCTIVE FACTOR (S), [0;3]
    
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4.4.14 FILE: CHR ACTIVITY LOCATIONS

GLOBAL: ^BCHTACTL(FILE #: 90002.56

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STORED IN: ^BCHTACTL(                                     11/20/11    PAGE 1
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                                FILE SECURITY
    
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DD SECURITY      : @      DELETE SECURITY: @
READ SECURITY   : M      LAYGO SECURITY : @
WRITE SECURITY  : @

CROSS REFERENCED BY:
  NAME(B)  CODE(C)  MNEMONIC (CHRIS II)(D)

FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.01        NAME (RF), [0;1]
.02        CODE (F), [0;2]
.03        PCC SERVICE CATEGORY (S), [0;3]
.04        CLINIC CODE FOR PCC (F), [0;4]
.05        MNEMONIC (CHRIS II) (FX), [0;5]
]
    
```

4.4.15 FILE: CHR HEALTH PROBLEM CATEGORIES

GLOBAL: ^BCHTHAC(FILE #: 90002.57

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STORED IN: ^BCHTHAC(                               11/20/11    PAGE 1
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FILE SECURITY
DD SECURITY      : @      DELETE SECURITY: @
READ SECURITY   : M      LAYGO SECURITY : @
WRITE SECURITY  : @

CROSS REFERENCED BY:
  CATEGORY(B)

FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.01        CATEGORY (RF), [0;1]
    
```

4.4.16 FILE: CHR MEASUREMENTS AND TESTS

GLOBAL: ^BCHTMT(FILE #: 90002.58

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STORED IN: ^BCHTMT(                               11/20/11    PAGE 1
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FILE SECURITY
DD SECURITY      : @      DELETE SECURITY: @
READ SECURITY   : M      LAYGO SECURITY : @
WRITE SECURITY  : @

CROSS REFERENCED BY:
    
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| MNEMONIC(B) | |
|----------------|---------------------------------|
| FILE STRUCTURE | |
| FIELD NUMBER | FIELD NAME |
| .01 | MNEMONIC (RF), [0;1] |
| .02 | DESCRIPTION (F), [0;2] |
| .03 | FIELD IN RECORD FILE (F), [0;3] |
| .04 | PASS TO PCC? (S), [0;4] |

4.4.17 FILE: CHR CANNED NARRATIVES

GLOBAL: ^BCHTCNAR(FILE #: 90002.59

| STORED IN: ^BCHTCNAR(| | 11/20/11 | PAGE 1 |
|-----------------------|---|---------------|--------------------|
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| | | FILE SECURITY | |
| | DD SECURITY | : @ | DELETE SECURITY: @ |
| | READ SECURITY | : @ | LAYGO SECURITY : @ |
| | WRITE SECURITY | : @ | |
| CROSS REFERENCED BY: | | | |
| | ORDER TO DISPLAY(ACOMB) | ORDER(ASCO) | NARRATIVE(B) |
| FILE STRUCTURE | | | |
| FIELD NUMBER | FIELD NAME | | |
| .01 | NARRATIVE (RF), [0;1] | | |
| .02 | PATIENT/NON PATIENT (S), [0;2] | | |
| 1100 | SERVICE CODES TO USE WITH (Multiple-90002.5911), [11;0] | | |
| | .01 SERVICE CODES TO USE WITH (MF), [0;1] | | |
| | .02 ORDER (NJ2,0), [0;2] | | |
| 1200 | PROB CODE-SERV CODE (Multiple-90002.5912), [12;0] | | |
| | .01 PROB CODE-SERV CODE (MF), [0;1] | | |
| | .02 ORDER TO DISPLAY (NJ2,0), [0;2] | | |

4.4.18 FILE: CHR LOCATIONS

GLOBAL: ^BCHTLOC(FILE #: 90002.61

| STORED IN: ^BCHTLOC(| | 11/20/11 | PAGE 1 |
|----------------------|----------------|---------------|--------------------|
| ----- | | | |
| | | FILE SECURITY | |
| | DD SECURITY | : @ | DELETE SECURITY: @ |
| | READ SECURITY | : @ | LAYGO SECURITY : @ |
| | WRITE SECURITY | : @ | |
| CROSS REFERENCED BY: | | | |

| LOCATION(B) | |
|----------------|----------------------|
| FILE STRUCTURE | |
| FIELD NUMBER | FIELD NAME |
| .01 | LOCATION (RF), [0;1] |

4.4.19 FILE: BCH GROUP DEFINITION

GLOBAL: ^BCHGRPD(FILE #: 90002.67

| STORED IN: ^BCHGRPD(| | 11/20/11 | PAGE 1 |
|---|---|--------------------|--------------------|
| ----- | | | |
| | | FILE SECURITY | |
| | | DD SECURITY : @ | DELETE SECURITY: M |
| | | READ SECURITY : M | LAYGO SECURITY : M |
| | | WRITE SECURITY : M | |
| CROSS REFERENCED BY: | | | |
| DATE OF SERVICE(AINV) CHR RECORD(AREC) DATE OF SERVICE(B) | | | |
| FILE STRUCTURE | | | |
| FIELD NUMBER | FIELD NAME | | |
| .01 | DATE OF SERVICE (RD), [0;1] | | |
| .02 | CHR PROGRAM (RP90002.51'), [0;2] | | |
| .03 | GROUP NAME (RF), [0;3] | | |
| .04 | POSTING DATE (D), [0;4] | | |
| .05 | ACTIVITY LOCATION (RP90002.56'), [0;5] | | |
| .07 | CHR PROVIDER (RP200'), [0;7] | | |
| .08 | TRAVEL TIME (RNJ5,0), [0;8] | | |
| .09 | NUMBER SERVED (RNJ5,0), [0;9] | | |
| .1 | FACILITY (P9999999.06'), [0;10] | | |
| .12 | WHO ENTERED RECORD (RP200'), [0;12] | | |
| .13 | DATE LAST MODIFIED (RD), [0;13] | | |
| .15 | USER LAST UPDATE (P200'), [0;15] | | |
| 5101 | PATIENTS (Multiple-90002.6751), [51;0] | | |
| | .01 PATIENTS (MV), [0;1] | | |
| 6101 | CHR RECORDS (Multiple-90002.6761), [61;0] | | |
| | .01 CHR RECORD (MP90002'), [0;1] | | |

4.4.20 FILE: BCH GROUP DEFINITION ASSESSMENTS

GLOBAL: ^BCHGRPDA(FILE #: 90002.6

```

STORED IN: ^BCHGRPDA(                               11/20/11    PAGE 1
-----
                                FILE SECURITY
                                DD SECURITY      : @      DELETE SECURITY: M
                                READ SECURITY    : M      LAYGO SECURITY : M
                                WRITE SECURITY   : M

CROSS REFERENCED BY:
  GROUP FORM(AD)  PROBLEM CODE(AY9)  PROBLEM CODE(B)

                                FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.01        PROBLEM CODE (R*P90002.53'), [0;1]
.03        GROUP FORM (RP90002.67'), [0;3]
.04        SERVICE CODE (R*P90002.54'), [0;4]
.05        SERVICE MINUTES (RNJ4,0), [0;5]
.06        NARRATIVE (RP9999999.27), [0;6]
.08        CANNED NARRATIVE (*P90002.59'), [0;8]
.09        CNNCOUNT (NJ2,0X), [0;9]
1101       ADDITIONAL NARRATIVE (F), [11;1]
8101       CANNED NARRATIVES (Multiple-90002.6881), [81;0]
           .01 NUMBER (NJ2,0), [0;1]
           .02 NARRATIVE (P90002.59'), [0;2]
9101       NARRATIVE TEMP (P99999999.27), [91;1]
9201       COUNT MULT (Multiple-90002.6892), [92;0]
    
```

4.4.21 FILE: CHR EXTRACT LOG

GLOBAL: ^BCHXLOG(FILE #: 90002.91

```

STORED IN: ^BCHXLOG(                               11/20/11    PAGE 1
-----
                                FILE SECURITY
                                DD SECURITY      : @      DELETE SECURITY: M
                                READ SECURITY    : M      LAYGO SECURITY : M
                                WRITE SECURITY   : M

CROSS REFERENCED BY:
  BEGINNING DATE(B)  RUN START DATE/TIME(C)  BATCH NUMBER(D)

                                FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.001       NUMBER (NJ9,0), [ ]
    
```

```

.01 BEGINNING DATE (RD), [0;1]
.02 ENDING DATE (D), [0;2]
.03 RUN START DATE/TIME (D), [0;3]
.04 RUN STOP DATE/TIME (D), [0;4]
.05 COUNT OF ERRORS (NJ4,0), [0;5]
.06 COUNT OF TRANSACTIONS (NJ5,0), [0;6]
.07 FILE NAME CREATED (F), [0;7]
.08 COUNT OF RECORDS PROCESSED (NJ5,0), [0;8]
.09 RUN LOCATION (P9999999.06'), [0;9]
.11 UPDATES (NJ5,0), [0;11]
.12 MODS (NJ5,0), [0;12]
.13 DELETES (NJ5,0), [0;13]
.15 TRANSMISSION STATUS (S), [0;15]
.16 PROCESSING ERROR ENCOUNTERED (P90002.93'), [0;16]
.17 BATCH NUMBER (NJ5,0), [0;17]
2101 RECORDS (Multiple-90002.912101), [21;0]
    .01 RECORDS (P90002'X), [0;1]
    .019 IEN (CJ8), [ ; ]
    .02 TX GEN'D (S), [0;2]
    .03 TYPE (S), [0;3]
5101 TRANSACTION ERRORS (Multiple-90002.915101), [51;0]
    .01 TRANSACTION ERRORS (P90002'), [0;1]
    .02 ERROR MESSAGE (F), [0;2]
    
```

4.4.22 FILE: CHR TRANSACTION ERROR CODES

GLOBAL: ^BCHERR(FILE #: 90002.9

```

STORED IN: ^BCHERR(                                     11/20/11   PAGE 1
-----
                                FILE SECURITY
                                DD SECURITY   : @   DELETE SECURITY: @
                                READ SECURITY  : M   LAYGO SECURITY  : @
                                WRITE SECURITY : @

CROSS REFERENCED BY:
CODE(B)  SHORT DESCRIPTION(C)

                                FILE STRUCTURE

FIELD    FIELD
NUMBER   NAME

.01      CODE (RF), [0;1]
.02      SHORT DESCRIPTION (RF), [0;2]
.03      LONG DESCRIPTION (F), [0;3]
.04      FILE (F), [0;4]
    
```

4.4.23 FILE: CHR DATA TRANS ERROR CODES

GLOBAL: ^BCHDTER(FILE #: 90002.93



```

STORED IN: ^BCHDTER(                                     11/20/11    PAGE 1
-----
                                FILE SECURITY
                                DD SECURITY      : @      DELETE SECURITY: @
                                READ SECURITY    : M      LAYGO SECURITY  : @
                                WRITE SECURITY   : @

CROSS REFERENCED BY:
  ERROR CODE(B)

                                FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.01        ERROR CODE (RF), [0;1]
.02        DESCRIPTION (RF), [0;2]
1          LONG DESCRIPTION (Multiple-90002.94), [1;0]
           .01 LONG DESCRIPTION (W), [0;1]
    
```

4.4.24 FILE: CHR EXTRACT DELETE RECORDS

GLOBAL: ^BCHEXDEL(FILE #: 90002.94

```

STORED IN: ^BCHEXDEL(                                     11/20/11    PAGE 1
-----
                                FILE SECURITY
                                DD SECURITY      : @      DELETE SECURITY: M
                                READ SECURITY    : M      LAYGO SECURITY  : M
                                WRITE SECURITY   : M

CROSS REFERENCED BY:
  DATE EXPORTED(AD)  DATE DELETED(AEX)  PROVIDER(B)

                                FILE STRUCTURE

FIELD      FIELD
NUMBER     NAME

.01        PROVIDER (RF), [0;1]
.02        PROGRAM CODE (F), [0;2]
.03        DATE OF SERVICE (D), [0;3]
.04        FORM # (NJ9,0), [0;4]
.05        DATE DELETED (D), [0;5]
.06        DATE EXPORTED (D), [0;6]
.07        ASSESSMENTS (F), [0;7]
    
```

4.4.25 FILE: CHR GROUP FORM TEMP

GLOBAL: ^BCHGROUP(FILE #: 90002.97



```

STORED IN: ^BCHGROUP(                                     11/20/11    PAGE 1
-----
                                         FILE SECURITY
DD SECURITY      : @      DELETE SECURITY: @
READ SECURITY    : @      LAYGO SECURITY  : @
WRITE SECURITY   : @

CROSS REFERENCED BY:
  FORM ID(B)

                                         FILE STRUCTURE

FIELD          FIELD
NUMBER         NAME

.01            FORM ID (RF), [0;1]
.02            PROGRAM (RP90002.51'), [0;2]
.03            CHR PROVIDER (RP200'), [0;3]
.04            DATE OF SERVICE (RDX), [0;4]
.05            LOCATION OF ENCOUNTER (P9999999.06'), [0;5]
.06            ACTIVITY LOCATION (RP90002.56'), [0;6]
.07            REFERRED TO CHR BY (P90002.52'), [0;7]
.08            REFERRED FROM CHR TO (P90002.52'), [0;8]
.11            TRAVEL TIME (RNJ4,0), [0;11]
.12            TOTAL NUMBER OF PATIENTS (RNJ3,0), [0;12]
2101           CHR RECORDS (Multiple-90002.972101), [21;0]
.01            CHR RECORDS (P90002'X), [0;1]
5101           SUBJECTIVE (Multiple-90002.975101), [51;0]
.01            SUBJECTIVE (W), [0;1]
6101           OBJECTIVE (Multiple-90002.976101), [61;0]
.01            OBJECTIVE (W), [0;1]
7101           PLANS/TREATMENTS (Multiple-90002.977101), [71;0]
.01            PLANS/TREATMENTS (W), [0;1]
9101           ASSESSMENTS (Multiple-90002.979101), [91;0]
.01            ASSESSMENTS (R*P90002.53'), [0;1]
.02            SERVICE CODE (RP90002.54'), [0;2]
.03            MINUTES (RNJ4,0), [0;3]
.04            NARRATIVE (RF), [0;4]
    
```

4.4.26 FILE: CHR EXTRACT LOG

GLOBAL: ^BCHXLOG(FILE #: 90002.91

```

STORED IN: ^BCHXLOG(                                     11/20/11    PAGE 1
-----
                                         FILE SECURITY
DD SECURITY      : @      DELETE SECURITY: M
READ SECURITY    : M      LAYGO SECURITY  : M
WRITE SECURITY   : M

CROSS REFERENCED BY:
  BEGINNING DATE(B)  RUN START DATE/TIME(C)  BATCH NUMBER(D)
    
```

| FILE STRUCTURE | |
|----------------|--|
| FIELD NUMBER | FIELD NAME |
| .001 | NUMBER (NJ9,0), [] |
| .01 | BEGINNING DATE (RD), [0;1] |
| .02 | ENDING DATE (D), [0;2] |
| .03 | RUN START DATE/TIME (D), [0;3] |
| .04 | RUN STOP DATE/TIME (D), [0;4] |
| .05 | COUNT OF ERRORS (NJ4,0), [0;5] |
| .06 | COUNT OF TRANSACTIONS (NJ5,0), [0;6] |
| .07 | FILE NAME CREATED (F), [0;7] |
| .08 | COUNT OF RECORDS PROCESSED (NJ5,0), [0;8] |
| .09 | RUN LOCATION (P9999999.06'), [0;9] |
| .11 | UPDATES (NJ5,0), [0;11] |
| .12 | MODS (NJ5,0), [0;12] |
| .13 | DELETES (NJ5,0), [0;13] |
| .15 | TRANSMISSION STATUS (S), [0;15] |
| .16 | PROCESSING ERROR ENCOUNTERED (P90002.93'), [0;16] |
| .17 | BATCH NUMBER (NJ5,0), [0;17] |
| 2101 | RECORDS (Multiple-90002.912101), [21;0] |
| | .01 RECORDS (P90002'X), [0;1] |
| | .019 IEN (CJ8), [;] |
| | .02 TX GEN'D (S), [0;2] |
| | .03 TYPE (S), [0;3] |
| 5101 | TRANSACTION ERRORS (Multiple-90002.915101), [51;0] |
| | .01 TRANSACTION ERRORS (P90002'), [0;1] |
| | .02 ERROR MESSAGE (F), [0;2] |

4.4.27 FILE: CHR TRANSACTION ERROR CODES

GLOBAL: ^BCHERR(FILE #: 90002.92

| STORED IN: ^BCHERR(| 11/20/11 | PAGE 1 |
|----------------------|-------------------------------|----------------------------------|
| ----- | | |
| | DD SECURITY : @ | FILE SECURITY DELETE SECURITY: @ |
| | READ SECURITY : M | LAYGO SECURITY : @ |
| | WRITE SECURITY : @ | |
| CROSS REFERENCED BY: | | |
| CODE(B) | SHORT DESCRIPTION(C) | |
| FILE STRUCTURE | | |
| FIELD NUMBER | FIELD NAME | |
| .01 | CODE (RF), [0;1] | |
| .02 | SHORT DESCRIPTION (RF), [0;2] | |
| .03 | LONG DESCRIPTION (F), [0;3] | |
| .04 | FILE (F), [0;4] | |

4.4.28 FILE: CHR DATA TRANS ERROR CODES

GLOBAL: ^BCHDTER(FILE #: 90002.93

| | | | |
|----------------------|---|--------------------|--------------------|
| STORED IN: ^BCHDTER(| | 11/20/11 | PAGE 1 |
| ----- | | | |
| | | FILE SECURITY | |
| | | DD SECURITY : @ | DELETE SECURITY: @ |
| | | READ SECURITY : M | LAYGO SECURITY : @ |
| | | WRITE SECURITY : @ | |
| CROSS REFERENCED BY: | | | |
| ERROR CODE(B) | | | |
| FILE STRUCTURE | | | |
| FIELD NUMBER | FIELD NAME | | |
| .01 | ERROR CODE (RF), [0;1] | | |
| .02 | DESCRIPTION (RF), [0;2] | | |
| 1 | LONG DESCRIPTION (Multiple-90002.94), [1;0] | | |
| | .01 LONG DESCRIPTION (W), [0;1] | | |

4.4.29 FILE: CHR EXTRACT DELETES

GLOBAL: ^BCHEXDEL(FILE #: 90002.95

| | | | |
|---|----------------------------|--------------------|--------------------|
| STORED IN: ^BCHEXDEL(| | 11/20/11 | PAGE 1 |
| ----- | | | |
| | | FILE SECURITY | |
| | | DD SECURITY : @ | DELETE SECURITY: M |
| | | READ SECURITY : M | LAYGO SECURITY : M |
| | | WRITE SECURITY : M | |
| CROSS REFERENCED BY: | | | |
| DATE EXPORTED(AD) DATE DELETED(AEX) PROVIDER(B) | | | |
| FILE STRUCTURE | | | |
| FIELD NUMBER | FIELD NAME | | |
| .01 | PROVIDER (RF), [0;1] | | |
| .02 | PROGRAM CODE (F), [0;2] | | |
| .03 | DATE OF SERVICE (D), [0;3] | | |
| .04 | FORM # (NJ9,0), [0;4] | | |
| .05 | DATE DELETED (D), [0;5] | | |
| .06 | DATE EXPORTED (D), [0;6] | | |
| .07 | ASSESSMENTS (F), [0;7] | | |

4.4.30 FILE: CHR GROUP FORM TEMP FILE

GLOBAL: ^BCHGROUP(FILE #: 90002.97

| | | | |
|-----------------------|--|--------------------|--------------------|
| STORED IN: ^BCHGROUP(| | 11/20/11 | PAGE 1 |
| ----- | | | |
| | | FILE SECURITY | |
| | | DD SECURITY : @ | DELETE SECURITY: @ |
| | | READ SECURITY : @ | LAYGO SECURITY : @ |
| | | WRITE SECURITY : @ | |
| CROSS REFERENCED BY: | | | |
| FORM ID(B) | | | |
| FILE STRUCTURE | | | |
| FIELD NUMBER | FIELD NAME | | |
| .01 | FORM ID (RF), [0;1] | | |
| .02 | PROGRAM (RP90002.51'), [0;2] | | |
| .03 | CHR PROVIDER (RP200'), [0;3] | | |
| .04 | DATE OF SERVICE (RDX), [0;4] | | |
| .05 | LOCATION OF ENCOUNTER (P9999999.06'), [0;5] | | |
| .06 | ACTIVITY LOCATION (RP90002.56'), [0;6] | | |
| .07 | REFERRED TO CHR BY (P90002.52'), [0;7] | | |
| .08 | REFERRED FROM CHR TO (P90002.52'), [0;8] | | |
| .11 | TRAVEL TIME (RNJ4,0), [0;11] | | |
| .12 | TOTAL NUMBER OF PATIENTS (RNJ3,0), [0;12] | | |
| 2101 | CHR RECORDS (Multiple-90002.972101), [21;0] | | |
| | .01 CHR RECORDS (P90002'X), [0;1] | | |
| 5101 | SUBJECTIVE (Multiple-90002.975101), [51;0] | | |
| | .01 SUBJECTIVE (W), [0;1] | | |
| 6101 | OBJECTIVE (Multiple-90002.976101), [61;0] | | |
| | .01 OBJECTIVE (W), [0;1] | | |
| 7101 | PLANS/TREATMENTS (Multiple-90002.977101), [71;0] | | |
| | .01 PLANS/TREATMENTS (W), [0;1] | | |
| 9101 | ASSESSMENTS (Multiple-90002.979101), [91;0] | | |
| | .01 ASSESSMENTS (R*P90002.53'), [0;1] | | |
| | .02 SERVICE CODE (RP90002.54'), [0;2] | | |
| | .03 MINUTES (RNJ4,0), [0;3] | | |
| | .04 NARRATIVE (RF), [0;4] | | |

4.4.31 FILE: CHR GROUP ASSESSMENTS

GLOBAL: ^BCHRGAS(FILE #: 90002.98

| | | | |
|----------------------|---|----------------|--------------------|
| STORED IN: ^BCHRGAS(| | 11/20/11 | PAGE 1 |
| ----- | | | |
| | | FILE SECURITY | |
| | DD SECURITY | : @ | DELETE SECURITY: M |
| | READ SECURITY | : M | LAYGO SECURITY : M |
| | WRITE SECURITY | : M | |
| CROSS REFERENCED BY: | | | |
| | GROUP FORM(AC) | GROUP FORM(AD) | PROBLEM CODE(AY9) |
| | PROBLEM CODE(B) | | |
| FILE STRUCTURE | | | |
| FIELD NUMBER | FIELD NAME | | |
| .01 | PROBLEM CODE (R*P90002.53'), [0;1] | | |
| .02 | GROUP FORM (P90002.97'), [0;2] | | |
| .03 | GROUP FORM (RP90002.97'), [0;3] | | |
| .04 | SERVICE CODE (R*P90002.54'), [0;4] | | |
| .05 | SERVICE MINUTES (RNJ4,0), [0;5] | | |
| .06 | NARRATIVE (RP9999999.27), [0;6] | | |
| .08 | CANNED NARRATIVE (*P90002.59'), [0;8] | | |
| .09 | CNNCOUNT (NJ2,0X), [0;9] | | |
| 1101 | ADDITIONAL NARRATIVE (F), [11;1] | | |
| 8101 | CANNED NARRATIVES (Multiple-90002.9881), [81;0] | | |
| | .01 NUMBER (NJ2,0), [0;1] | | |
| | .02 NARRATIVE (P90002.59'), [0;2] | | |
| 9101 | NARRATIVE TEMP (P9999999.27), [91;1] | | |
| 9201 | COUNT MULT (Multiple-90002.9892), [92;0] | | |
| | .01 COUNT MULT (NJ2,0), [0;1] | | |

5.0 Internal Relations

All users should be given the access to the appropriate options and keys, as needed.
All options in this system stand alone.

6.0 External Relations

6.1 External Calls

This package calls the following documented entry points:

| | |
|---|--|
| Routine | is Invoked by: |
| ^%DT | BCHEXDI3, BCHRC8, BCHUAR, BCHUDISP, BCHUEDT1, dd90002 dd90002.02, dd90002.11, dd90002.31, dd90002.67 dd90002.91, dd90002.95, dd90002.97 |
| DD^%DT | BCHABC1, BCHEXC, BCHEXCP, BCHEXDI3, BCHFC, BCHFCP, BCHPCCBL BCHRAP2P, BCHRC1, BCHRC1P, BCHRC2, BCHRC2P, BCHRC5, BCHRC5P BCHRC6, BCHRC6P, BCHRC8, BCHRC8P, BCHRC9, BCHRC9P, BCHRCH BCHRCHP, BCHRL, BCHRL0, BCHRL1, BCHRNRL, BCHRP2, BCHRP2P BCHRP3, BCHRP3P, BCHRP4 BCHRPT, BCHRPT1, BCHRTEN, BCHRU1, BCHRU1P, BCHUAR, BCHUARL BCHUFP, BCHUFP, BCHULKUP |
| ^%DTC | BCHEXD2 |
| C^%DTC | BCHEXC, BCHEXC1, BCHEXDI3, BCHFC, BCHPCCBL, BCHRC1, BCHRC11 BCHRC2, BCHRC5, BCHRC51, BCHRC6, BCHRC8, BCHRC9, BCHRCH BCHRCH1, BCHRL, BCHRL0, BCHRL1, BCHRP2, BCHRP21, BCHRP3 BCHRP31, BCHRP4, BCHRPT, BCHRPT1, BCHRPT4, BCHRU1, BCHRU11 BCHUFP |
| COMMA^%DTC | BCHRP4 |
| H^%DTC | BCHRPTST |
| NOW^%DTC | BCHEXD, BCHEXLOG, BCHEXRE, BCHEXRLG, BCHRAP2P, BCHRC1P BCHRC2P, BCHRC8P, BCHRC9P, BCHRCHP, BCHRNRL, BCHRP2P, BCHRP3P BCHRTEEN, BCHRU1P |
| YX^%DTC | BCHRL01, BCHRPT |
| ^%ZIS | BCHEXDSP |
| HOME^%ZIS | BCHEXDI, BCHRL, BCHRPT, BCHUFP, BCHUIN, BCHULKUP |
| ^%ZISC | BCHEXDSP |
| ***** Cross Reference of all Routines ***** NOV 20, 2011@16:57:31 page 36 | |
| Routine | is Invoked by: |
| PEP^AMQQTGX0 | BCHRL0, BCHRPT1 |
| ^APCDALV | BCHABCH |
| ^APCDALVR | BCHABC1, BCHABC2 |
| ^APCDAPI4 | BCHABCH |
| GETVISIT^APCDAPI4 | BCHABCH |
| ^APCDDISP | opt |
| ^APCDVLT | BCHABC2 |
| EN2^APCHPWG | BCHRPWH |
| PRTTXT^APCHSUTL | BCHDHS, BCHDHS1 |
| ^AUPNPAT | BCHVD |
| \$\$\$AGE^AUPNPAT | BCHRU11 |
| \$\$DOB^AUPNPAT | BCHVDO |
| \$\$DOD^AUPNPAT | BCHEGR1 |
| \$\$HRN^AUPNPAT | BCHVD, BCHVDO |
| KILL^AUPNPAT | BCHEGP, BCHEGR, BCHUEKL, BCHULV, BCHVDO |
| NAME^AUPNPED | dd90002 |
| VFILES^BCHABC1 | BCHABC2, BCHABCH |
| D^BCHABC2 | BCHABCH |
| E^BCHABC2 | BCHABCH |
| ^BCHABCH | BCHALD |
| A^BCHABCH | BCHABC2 |
| VISIT^BCHABCH | BCHABC2 |

| | |
|---|---------------------------|
| VSERROR^BCHABCH | BCHABC2 |
| COMPLETE^BCHALD | BCHABC2 ,BCHABCH |
| LBULL^BCHALD | BCHABC1 ,BCHABCH |
| ^BCHBAN | opt |
| HIPAA^BCHBAN | opt |
| ^BCHEGP | opt |
| REPRINT^BCHEGP | opt |
| ^BCHEGP1 | BCHEGP |
| ^BCHEGR | opt |
| EDITGRP^BCHEGR | BCHEGR1 |
| EXIT^BCHEGR | BCHEGR1 |
| DISP^BCHEGR1 | BCHEGR |
| DUP^BCHEGR1 | BCHEGR |
| GATHER^BCHEGR1 | BCHEGR |
| PRTEF^BCHEGR1 | BCHEGR |
| GETPAT^BCHEGR2 | BCHEGR |
| ^BCHEXC | opt |
| ^BCHEXD | opt |
| CNTBUILD^BCHEXD | BCHEXD2 |
| \$\$LBLK^BCHEXD2 | BCHEXRE1 |
| \$\$LZERO^BCHEXD2 | BCHEXD21 ,BCHEXRE1 |
| DELETES^BCHEXD2 | BCHEXD |
| RECORD^BCHEXD2 | BCHEXD ,BCHEXRE |
| TX^BCHEXD2 | BCHEXRE1 |
| ^BCHEXD21 | BCHEXC1 ,BCHEXD2 |
| \$\$DATE^BCHEXD21 | BCHEXLOG ,BCHEXRLG |
| ^BCHEXDI | BCHEXD ,BCHEXRE |
| QUEUE^BCHEXDI | BCHEXRE |
| ^BCHEXDI2 | BCHEXDI |
| CHKOLD^BCHEXDI2 | BCHEXRE1 |
| GETLOG^BCHEXDI2 | BCHEXC |
| CURRUN^BCHEXDI3 | BCHEXDI2 |
| ERRBULL^BCHEXDI3 | BCHEXD ,BCHEXERR ,BCHEXRE |
| INFORM^BCHEXDI3 | BCHEXDI2 |
| ***** Cross Reference of all Routines ***** NOV 20, 2011@16:57:31 page 37 | |
| Routine | is Invoked by: |
| ^BCHEXEOJ | BCHEXD ,BCHEXRE |
| RUNTIME^BCHEXEOJ | BCHEXD ,BCHEXRE |
| ^BCHEXERR | BCHEXD ,BCHEXRE |
| ^BCHEXLOG | BCHEXD |
| ^BCHEXPRN | opt |
| ^BCHEXRE | opt |
| CNTBUILD^BCHEXRE | BCHEXRE1 |
| DELETES^BCHEXRE1 | BCHEXRE |
| INIT^BCHEXRE1 | BCHEXRE |
| ^BCHEXRLG | BCHEXRE |
| ^BCHEXRST | opt |
| ^BCHEXTAP | opt |
| TAPE^BCHEXTAP | BCHEXD ,BCHEXRE |
| ^BCHFC1 | BCHFC |
| KILL1^BCHFORM | dd90002 |
| KILL2^BCHFORM | dd90002 |
| KILL3^BCHFORM | dd90002 |
| SET1^BCHFORM | dd90002 |
| SET2^BCHFORM | dd90002 |
| SET3^BCHFORM | dd90002 |
| BP^BCHMSRE | dd90002 |
| HC^BCHMSRE | dd90002 |
| HT^BCHMSRE | dd90002 |

| | |
|---|---|
| PU^BCHMSRE | dd90002 |
| RS^BCHMSRE | dd90002 |
| TMP^BCHMSRE | dd90002 |
| VC^BCHMSRE | dd90002 |
| VU^BCHMSRE | dd90002 |
| WT^BCHMSRE | dd90002 |
| ^BCHMSRH | BCHMSRE, dd90002 |
| ^BCHPEDIT | dd90002 |
| ^BCHRC1 | opt |
| ^BCHRC2 | opt |
| ^BCHRC5 | opt |
| ^BCHRC6 | opt |
| ^BCHRC8 | opt |
| ^BCHRC9 | opt |
| ^BCHRCH | opt |
| ^BCHRL | opt |
| DEL^BCHRL | BCHRLP2 |
| PSELECT^BCHRL0 | BCHRL3 |
| SELECT^BCHRL0 | BCHRL3 |
| ADD^BCHRL01 | BCHRL |
| INFORM^BCHRL01 | BCHRL |
| PAUSE^BCHRL01 | BCHRLP1, BCHRLS |
| SPECIAL^BCHRL01 | BCHRL0 |
| Y^BCHRL01 | BCHRL0 |
| XIT^BCHRL1 | BCHRL |
| XIT1^BCHRL1 | BCHRL |
| PMENU^BCHRL2 | BCHRL3 |
| RMENU^BCHRL2 | BCHRL3 |
| SMENU^BCHRL2 | BCHRL3 |
| COUNT^BCHRL3 | BCHRL |
| SCREEN^BCHRL3 | BCHRL |
| COVPAGE^BCHRLP1 | BCHRLP |
| HEAD^BCHRLP2 | BCHRLP |
| ***** Cross Reference of all Routines ***** NOV 20, 2011@16:57:31 page 38 | |
| Routine | is Invoked by: |
| SHOWP^BCHRLS | BCHRL, BCHRL3 |
| SHOWR^BCHRLS | BCHRL, BCHRL3 |
| \$\$CTR^BCHRLU | BCHRAP2P, BCHRC1P, BCHRC2P, BCHRC5P, BCHRC6P, BCHRC8P, BCHRC9P BCHRCHP, BCHRLP1, BCHRLP2, BCHRNRL, BCHRP2P, BCHRP3P, BCHRP4 BCHRPTCP, BCHRU1P, BCHVDO |
| \$\$LOC^BCHRLU | BCHRAP2P, BCHRC1P, BCHRC2P, BCHRC5P, BCHRC6P, BCHRC8P, BCHRC9P BCHRCHP, BCHRLP1, BCHRLP2, BCHRNRL, BCHRP2P, BCHRP3P, BCHRP4 BCHRPTCP, BCHRU1P |
| ^BCHRNRL | opt |
| HEADER^BCHRP11 | BCHRP1 |
| ^BCHRP2 | opt |
| ^BCHRP3 | opt |
| ^BCHRP4 | opt |
| ^BCHRPT | opt |
| PMENU^BCHRPT0 | BCHRPT |
| RMENU^BCHRPT0 | BCHRPT |
| SMENU^BCHRPT0 | BCHRPT |
| Y^BCHRPT0 | BCHRPT1 |
| PSELECT^BCHRPT1 | BCHRPT |
| SELECT^BCHRPT1 | BCHRPT |
| COVPAGE^BCHRPTCP | BCHRAP2P, BCHRP1, BCHRTEN |
| BDRL^BCHRPTI1 | BCHRPTI |
| GENR^BCHRPTI1 | BCHRPTI |
| PAUSE^BCHRPTU | BCHRPT, BCHRPTCP |

| | |
|-------------------|---|
| XIT^BCHRPTU | BCHRLP2 , BCHRP1 , BCHRPTX |
| KILL^BCHRPTX | BCHRPT |
| ^BCHRPWH | opt |
| ^BCHRU1 | opt |
| DIRX^BCHUADD | BCHEGR , BCHUADD , BCHUADD1 |
| FMKILL^BCHUADD | BCHUADD |
| GETRECD^BCHUADD | BCHUADD1 |
| GETPAT^BCHUADD1 | BCHUADD |
| PROTOCOL^BCHUADD1 | BCHEGP1 , BCHPCCBL , BCHUEDT |
| RECCECK^BCHUADD1 | BCHUADD , BCHUEDT |
| UPNONREG^BCHUADD1 | opt |
| ^BCHUAR | opt |
| ABB^BCHUAR | opt |
| GETDATE^BCHUAR | BCHUEDT |
| GETPROV^BCHUAR | BCHEGR , BCHUEDT |
| HDR^BCHUAR | BCHHS , BCHUADD , BCHUDEL , BCHUDISP , BCHUEDT |
| RNS^BCHUAR | opt |
| \$\$RBLK^BCHUARL | BCHULKUP |
| GATHER^BCHUARL | BCHHS , BCHUADD , BCHUAR , BCHUDEL , BCHUDISP , BCHUEDT |
| EN^BCHUDEL | BCHUADD , BCHUDEL |
| ^BCHUDISP | opt |
| EN^BCHUDSP | BCHUDEL , BCHUDISP , BCHUEDT |
| DISP^BCHUEDT | BCHUEDT1 |
| ^BCHUEDT1 | opt |
| ^BCHUEKL | BCHUAR , BCHUTIL1 |
| EN^BCHUEKL | BCHUAR |
| ^BCHUFP | opt |
| DEMO^BCHUFP | BCHUFPP |
| FF^BCHUFPP | BCHUFP |
| PRINT1^BCHUFPP | BCHEGP , BCHEGR1 , BCHUDISP , BCHUFP |
| ^BCHUIN | BCHEGP , BCHUAR , BCHUEDT1 |
| ^BCHULKUP | BCHUDISP , BCHUEDT1 |

***** Cross Reference of all Routines ***** NOV 20, 2011@16:57:31 page 39

| Routine | is Invoked by: |
|----------------------|---|
| GETPAT^BCHULV | BCHVDO |
| \$\$CANNEDN^BCHUTIL | BCHUTIL , BCHUTIL4 |
| \$\$CANNEDNG^BCHUTIL | BCHUTIL |
| \$\$PPAFFL^BCHUTIL | BCHEXD2 , BCHUDEL |
| \$\$PPCLS^BCHUTIL | BCHRPTST , BCHUTIL |
| \$\$PPCLSC^BCHUTIL | BCHEXCP , BCHEXD2 , BCHUDEL |
| \$\$PPINI^BCHUTIL | BCHDHS , BCHEXCP , BCHEXD2 , BCHRP1 , BCHUDEL |
| \$\$PPNAME^BCHUTIL | BCHRPTST , BCHUFPP , BCHULKUP , BCHVD , BCHVDO |
| CALLDIE^BCHUTIL | BCHEXD , BCHEXDI , BCHEXERR , BCHEXLOG , BCHEXRE , BCHEXRLG BCHEXTAP , BCHRL , BCHRL3 |
| HELPPREF^BCHUTIL | dd90002 |
| REFIT^BCHUTIL | dd90002 |
| UPDPCC^BCHUTIL | BCHALD |
| XTMP^BCHUTIL | BCHFC , BCHRC11 , BCHRC2 , BCHRC51 , BCHRC6 , BCHRC8 , BCHRC9 BCHRCH1 , BCHRL1 , BCHRNRL , BCHRP21 , BCHRP31 , BCHRPT4 , BCHRU11 |
| DONE^BCHUTIL1 | BCHEXCP , BCHRAP2P , BCHRC1P , BCHRC2P , BCHRC5P , BCHRC6P , BCHRC8P BCHRC9P , BCHRCHP , BCHRLP , BCHRLP2 , BCHRP1 , BCHRP2P , BCHRP3P BCHRP4 , BCHRTEN , BCHRU1P |
| PAUSE^BCHUTIL1 | BCHUADD , BCHUDEL , BCHUDISP , BCHUEDT , BCHULKUP |
| ^BCHVD | BCHUADD , opt |
| ^BCHVDO | opt |
| ^BSDAPI4 | BCHABCH |
| EN^DDIOL | BCHADRS , BCHEGR , BCHUTIL |
| ^DDS | BCHEGP , BCHEGP1 , BCHEGR , BCHUADD , BCHUEDT |
| HLP^DDSUTL | BCHUTIL , BCHUTIL4 |

| | |
|--|--|
| REQ^DDSUTL | BCHUTIL, BCHUTIL4 |
| \$\$GET^DDSVAL | BCHUTIL, BCHUTIL4 |
| PUT^DDSVAL | BCHUTIL, BCHUTIL4 |
| ^DIC | BCHDCOMM, BCHEGP, BCHEGP1, BCHEGR, BCHEGR2, BCHEXDI2, BCHEXDSP BCHEXPAN, BCHEXRE1, BCHEXRST, BCHEXTAP, BCHFC, BCHHS, BCHMNRP BCHPOST, BCHRC1, BCHRC2, BCHRC5, BCHRC6, BCHRC8, BCHRC9, BCHRCH BCHRL, BCHRL0, BCHRL01, BCHRP2, BCHRP3, BCHRP4, BCHRPT, BCHRPT1 BCHRPWH BCHRU1, BCHUADD1, BCHUDISP, BCHUEDT1, BCHUFP, BCHUTIL, BCHVD dd90002, dd90002.01, dd90002.02, dd90002.11, dd90002.68 dd90002.979101, dd90002.98 |
| IX^DIC | BCHPOST, BCHRL01, dd90002.02 |
| SOU^DICM | dd90002.11 |
| FILE^DICN | BCHABC1, BCHEGP, BCHEGP1, BCHEGR, BCHEGR1, BCHPOST, BCHUADD BCHUDEL |
| YN^DICN | BCHEGP1, BCHEGR2, BCHUADD1 |
| ^DICR | dd90002, dd90002.01, dd90002.11, dd90002.68 |
| ^DIE | BCHABC1, BCHADRS, BCHEGP, BCHEGP1, BCHEGR, BCHEGR1, BCHEGR2 BCHEXLOG, BCHEXRST, BCHFORM, BCHMNRP, BCHUADD, BCHUADD1 BCHUEDT, BCHUTIL |
| ^DIK | BCHABC2, BCHEGP, BCHEGP1, BCHEGR, BCHEGR1, BCHEXDI, BCHEXRST BCHMNRP, BCHPOST, BCHRL, BCHRPT, BCHUDEL, BCHUEDT |
| IX1^DIK | BCHEGR1 |
| \$\$FMTE^DILIBF | dd90002.11 |
| ^DIM | dd90002.41 |
| EN1^DIP | BCHEXPAN |
| EN^DIQ | BCHEGP, BCHEGR, BCHEGR1, BCHEXDSP, BCHEXRST, BCHMNRP, BCHUDSP |
| Y^DIQ | dd90002.11 |
| EN^DIQ1 | BCHEXCP, BCHRLP, BCHRPTU, BCHUTIL |
| ^DIR | BCHADRS, BCHBAN, BCHDCOMM, BCHEGP, BCHEGP1, BCHEGR, BCHEGR1 BCHEGR2, BCHEXC, BCHEXCP, BCHEXD, BCHEXDI, BCHEXDI2, BCHEXDI3 BCHEXDSP, BCHEXPAN, BCHEXRE, BCHEXRE1, BCHEXRST, BCHEXTAP BCHFC, BCHFCP, BCHHS, BCHMNRP, BCHPCCBL, BCHRAP2P, BCHRC1 |
| <p>***** Cross Reference of all Routines ***** NOV 20, 2011@16:57:31 page 40</p> | |
| Routine | is Invoked by: |
| ^DIR | BCHRC5, BCHRC5P, BCHRC6, BCHRC6P, BCHRC8, BCHRC8P, BCHRC9 BCHRC9P, BCHRCH, BCHRCHP, BCHRL, BCHRL0, BCHRL01, BCHRL3 BCHRLP2, BCHRNRL, BCHRP1, BCHRP11, BCHRP2, BCHRP2P, BCHRP3 BCHRP3P, BCHRP4, BCHRPT, BCHRPT0, BCHRPT1, BCHRPTI, BCHRPTU BCHRTEP, BCHRU1, BCHRU1P BCHUADD, BCHUADD1, BCHUAR, BCHUDEL, BCHUDISP, BCHUDSP, BCHUEDT BCHUEDT1, BCHUFP, BCHUFPP, BCHULKUP, BCHULV, BCHUTIL1, BCHVD BCHVDO |
| ^DIWP | BCHRLP1, BCHUFPP |
| \$\$FORMAT^DPTNAME | dd90002.11 |
| EN^VALM | BCHEGR, BCHUAR, BCHVD |
| TERM^VALM0 | BCHEGP, BCHEGR, BCHUADD, BCHUAR, BCHUEDT |
| \$\$FTIME^VALM1 | BCHUAR |
| CLEAR^VALM1 | BCHEGR, BCHUAR, BCHVD |
| FULL^VALM1 | BCHEGR, BCHEGR1, BCHHS, BCHUADD, BCHUAR, BCHUDEL, BCHUDISP BCHUEDT, BCHVD |
| EN^VALM2 | BCHEGR, BCHEGR1, BCHUDEL, BCHUDISP, BCHUEDT |
| ^XBDBQUE | BCHEGP, BCHEGR1, BCHEXC, BCHFC, BCHRC1, BCHRC2, BCHRC5, BCHRC6 BCHRC8, BCHRC9, BCHRCH, BCHRL, BCHRNRL, BCHRP2, BCHRP3, BCHRP4 BCHRPT, BCHRU1, BCHUFP, BCHULV, BCHVDO |
| \$\$VAL^XBIDIQ1 | BCHADRS, BCHDHS, BCHEGP, BCHEGR, BCHEGR1, BCHEXCP, BCHMNRP BCHRC11, BCHRNRL, BCHRP4, BCHRU11, BCHUADD1, BCHUTIL, BCHUTIL4 BCHVD, BCHVDO |
| \$\$VALI^XBIDIQ1 | BCHADRS |

| | |
|----------------------|--|
| ^XBFBK | BCHEGP , BCHEGP1 , BCHEGR , BCHEGR1 , BCHEXD , BCHVDO |
| \$\$EXTSET^XBFFUNC | BCHDHS , BCHUFP |
| \$\$PROVINI^XBFFUNC1 | BCHDHS1 |
| ^XBGSAVE | BCHDCOMM , BCHEXTAP |
| ^XBKVAR | BCHEXTAP |
| VIEWR^XBLM | BCHEGR1 , BCHHS |
| ^XBNEW | BCHFORM |
| EN^XBNEW | BCHADRS |
| EN^XBVK | BCHEGP , BCHEGR , BCHMNRP , BCHPCCBL , BCHRNRL , BCHRP4 , BCHUAR BCHVDO |
| \$\$FMADD^XLFDI | BCHDCOMM , BCHEGR1 , BCHEXC1 , BCHRNRL , BCHUTIL |
| \$\$FMDIFF^XLFDI | BCHRU11 |
| \$\$FMTE^XLFDI | BCHFCP , BCHRP4 , BCHVD , BCHVDO |
| \$\$CJ^XLFSTR | BCHPOST |
| \$\$REPEAT^XLFSTR | BCHADRS , BCHRU11 |
| \$\$STRIP^XLFSTR | BCHRP4 , BCHUTIL |
| ^XMB | BCHEXDI3 |
| ENT^XMPG | BCHEXTAP |
| \$\$VERSION^XPDUTL | BCHPOST |
| MES^XPDUTL | BCHPOST |
| MSG^XPDUTL | BCHPOST |
| EN^XQOR | BCHUADD1 |
| DISP^XQORM1 | BCHEGR , BCHUAR , BCHVD |
| ***** END ***** | |

6.2 Callable Routines

There are no routines callable by other applications.

6.3 Published Entry Points

Note: There are no Published Entry Points for this application.

6.4 Exported Options

Table 6-1: Exported BCH Options

| Option Name | Description | KEY |
|-----------------------------|--|-----------------|
| BCH ADD (535) R&S | Update Activity Records (535) PAM TEST | |
| BCH BROWSE PATIENT'S VISITS | Browse a Patient's CHR Visits | |
| BCH DE DISP PAT LAST VISIT | Display Patient's Last CHR Visit | |
| BCH DE DISPLAY CHR RECORD | Display CHR Record | |
| BCH DE DISPLAY PCC VISIT | Display a PCC Visit | |
| BCH DE EDIT RECORD | Edit a CHR Record | |
| BCH DE LIST RECORDS | List CHR Records, STANDARD Output | BCHZ REPORTS |
| BCH DE PRINT FORMS | Print CHR Forms (Hard Copy) | |
| BCH E SITE PARAMETERS | Update Site Parameters | |

| Option Name | Description | KEY |
|------------------------------|---|------------------------|
| BCH ENTER ABBREVIATED FORM | Enter/Update CHR PCC Using IHS-535-1 (Abbreviated) | |
| BCH EXPORT CHECK RECORDS | Check Records Before Export | |
| BCH EXPORT DISPLAY LOG | Display a Log Entry | |
| BCH EXPORT ERROR DISPLAY | Print Error List for Export | |
| BCH EXPORT GENERATE TXS | Generate CHR Transactions for HQ | |
| BCH EXPORT RE-GEN TRANS | Re-generate Transactions | |
| BCH EXPORT RESET LOG | Re-set Data Export Log | |
| BCH EXPORT TAPE | Create OUTPUT Tape (if writing to Tape) | |
| BCH GROUP DATA ENTRY | Enter Data Using IHS-962 Group Encounter Form | |
| BCH GROUP ENTRY W/DEFINITION | Group Data Entry Using Group Definition | |
| BCH GROUP PRINT FORMS | Print/Reprint Forms for a Group | |
| BCH LIST VISITS ONE PATIENT | List One Patient's CHR Visits | |
| BCH M CHR REPORTS | CHR Reports | |
| BCH M CHRIS II REPORTS | CHRIS II Reports | |
| BCH M DATA ENTRY MENU | Data Entry Menu | BCHZ DATA ENTRY |
| BCH M EXPORT UTILITY | Export Utility Menu | |
| BCH M MANAGER UTILITIES | Manager Utilities | BCHZ MANAGER UTILITIES |
| BCH M PRINT TABLES | Print Standard CHR Tables | |
| BCH M REPORTS | Reports Menu | BCHZ REPORTS |
| BCH M WORKLOAD REPORTS | Workload/Activity Reports | |
| BCH MENU UN DUP PAT COUNTS | Unduplicated Patient Count Reports | |
| BCH MERGE TWO NON REG PTS | Merge Two Non-Registered Duplicate Patients | |
| BCH NON REG PT LIST | Non-Registered Patient List | |
| BCH P ACT RPT GARS 1 | Activity Tally by Program, CHR, and Setting | |
| BCH P ACT RPT GARS 2 | Activity Tally by Program, CHR, Setting, Problem | |
| BCH P CHR REPORT 1 | CHR #1-Time, Serv Acts, Services by HEALTH PROBLEM | |
| BCH P CHR REPORT 13 | CHR #13 - Highlights | |
| BCH P CHR REPORT 2 | CHR #2-Time, Serv Acts, Services by SERVICE CODE | |
| BCH P CHR REPORT 3 | CHR #3 - Time, # Served, Services by SETTING | |
| BCH P CHR REPORT 4 | CHR #4 - Number of Referrals From/To | |
| BCH P CHR REPORT 5 | CHR #5 - Services by Health Area/Age/Sex | |
| BCH P CHR REPORT 6 | CHR #6 - Provider Data | |
| BCH P CHR REPORT 8 | CHR #8 - Hours (Service+Travel) by Month | |
| BCH P CHR REPORT 9 | CHR #9 - Data Summary by Provider | |
| BCH P CHRIS II REPORT 1 | CHR #1 - Time, Contacts, Activities by HEALTH PROBLEM | |

| Option Name | Description | KEY |
|--------------------------------|--|----------|
| BCH P CHRIS II REPORT 13 | CHR #13 - Highlights | |
| BCH P CHRIS II REPORT 2 | CHR #2 - Time, Contacts, Activities by SERVICE | |
| BCH P CHRIS II REPORT 3 | CHR #3 - Time, Contacts, Activities by SETTING | |
| BCH P CHRIS II REPORT 4 | CHR #4 - Number of Referrals From/To | |
| BCH P CHRIS II REPORT 5 | CHR #5 - Contacts by Health Area/Age/Sex (132 COL) | |
| BCH P CHRIS II REPORT 6 | CHR #6 - Provider Data (132 COLUMN OUTPUT) | |
| BCH P CHRIS II REPORT 8 | CHR #8 - Hours (Service+Travel) by Month | |
| BCH P CHRIS II REPORT 9 | CHR #9 - Data Summary by Provider | |
| BCH P FREQ ACT | Frequency of Activities | |
| BCH P FREQ PROBLEM CAT | Frequency of Problems by Problem Category | |
| BCH P FREQ PROBLEMS (CHR) | Frequency of Problems (CHR) | |
| BCH P RECORD GEN RETRIEVAL | List CHR Records, GENERAL RETRIEVAL Output | |
| BCH P REPORTS AR CNTS | Activity Record Counts | |
| BCH P TABLES ACTIVITY | Print Service Code Table | |
| BCH P TABLES ACTIVITY LOCATION | Print Activity Location Table | |
| BCH P TABLES FAMILY PLANNING | Print Family Planning Method Table | |
| BCH P TABLES HEALTH AREA CODES | Print Health Area Code Table | |
| BCH P TABLES PRINT REF | Print Referrals Table | |
| BCH P TABLES PROGRAMS | Print CHR Programs Table | |
| BCH P UNDUP REPORT 1 CHR | Unduplicated Patient Counts by CHR | |
| BCH P UNDUP REPORT 2 AGE | Unduplicated Patient Counts by AGE | |
| BCH P UNDUP REPORT 4 TRIBE | Unduplicated Patient Counts by Tribe | |
| BCH P UNDUP REPORT 5 PROGRAM | Unduplicated Patient Counts by Program | |
| BCH P UNDUP REPORT GENDER | Unduplicated Patient Counts by Gender | |
| BCH PWH | CHR Patient Wellness Handout | |
| BCH RECORDS PATIENTS BY TRIBE | Tally of Records and Patients by Tribe | |
| BCH UPDATE NON REG PAT | Review/Update Non-Registered Patient Demographics | |
| BCH UPDATE RECORDS | Enter/Update CHR PCC Using IHS-535 (Comprehensive) | |
| BCH UPLOAD REMOTE DATA | Upload Data from Remote Computer | |
| BCHMENU | Community Health Representative System | BCHZMENU |

7.0 Security Keys

| Name | Descriptive Name | Description |
|------------------------|-------------------------------|--|
| BCHZ DATA ENTRY | UNLOCKS CHR DATA ENTRY MENU | This key unlocks the CHR data entry menu. This key should be given to all CHR's who are required to enter their data. |
| BCHZ HS MANAGER | Unlocks CHR Summary Type | This key unlocks the ability to modify the structure of the CHR health summary type. |
| BCHZ MANAGER UTILITIES | UNLOCKS CHR MANAGER UTILITIES | This key unlocks the Manager Utilities menu. This key should only be given to users responsible for maintaining the site parameters, merging non-registered patients or doing exports. |
| BCHZ REPORTS | UNLOCKS CHR REPORTS | This key unlocks the CHR Reports menu. This key should only be given to users who have the authority to run CHR Reports. |
| BCHZMENU | UNLOCKS CHR MAIN MENU | This key unlocks the main CHR menu. |

8.0 Archiving and Purging

There is no archiving and purging in this package.

9.0 Documentation Resources

This section describes a few methods to generate online technical documentation.

9.1 How to Generate Online Documentation

The file number range for this package is 90002*. The namespace is BCH. All templates, routines, screen forms, and so on begin with BCH.

This section describes some methods by which users can generate IHS RPMS CHR REPORTING SYSTEM technical documentation. Online technical documentation pertaining to the IHS RPMS CHR Reporting software, in addition to that which is located in the help prompts and on the help screens throughout the IHS RPMS CHR Reporting package, can be generated through the use of several kernel options. These include, but are not limited to, the sections that follow.

9.2 System Documentation

Online VPS system documentation can be generated through the use of several kernel options, including, but not limited to:

- %INDEX
- Menu Management
- Inquire Option
- Print Option File
- VA FileMan
- Data Dictionary Utilities
- List File Attributes

For more option listings and further information about other utilities that supply online technical information, see the Decentralized Hospital Computer Program (DHCP) Kernel Reference manual.

9.2.1 %INDEX

The %INDEX option analyzes the structure of a routine to determine, in part, if the routine adheres to RPMS programming standards. The output can include the following components:

- Compiled list of errors and warnings
- Routine listings
- Local variables

- Global variables
- Naked globals
- Label references
- External references

Running %INDEX for a specified set of routines allows users to discover any deviations from RPMS programming standards that exist, and to see how routines interact with one another (i.e., which routines call or are called by other routines).

To run %INDEX for the IHS RPMS CHR REPORTING SYSTEM, specify the BCH namespace at the “Routine(s)?>” prompt.

9.2.2 Inquire Option

The Inquire menu management option provides the following information about a specified option:

- Option name
- Menu text
- Option description
- Type of option
- Lock (if any)

In addition, all items on the menu are listed for each menu option. To secure information about IHS RPMS CHR Reporting options, you must specify the BCH namespace.

9.2.3 Print Option File

Note: The Print Option File utility generates a listing of options from the Option file (#19). Print all entries, a single option, or range of options. For a list of IHS RPMS CHR Reporting options, see Section 9.1.
There are no Published Entry Points for this application.

9.2.4 List File Attributes

This VA FileMan option allows users to generate documentation pertaining to files and file structure. The standard format of this option provides the following data dictionary information for a specified file:

- File name and description
- Identifiers

- Cross-references
- Files pointed to by the file specified
- Files that point to the file specified
- Input, print, and sort templates

In addition, the following applicable data is supplied for each field in the file:

- Field name, number, title, and description
- Global location
- Help prompt
- Cross-references
- Input transform
- Date last edited
- Notes

Using the Global Map format of this option generates an output that lists the following information:

- All cross references for the file selected
- Global location of each field in the file
- Input, print, and sort templates

For a comprehensive listing of CLINICAL files, see Section 4.0

9.3 Online Help

In addition to system documentation, RPMS includes special help displays for most menu options and data entry prompts. Typing ? at the Select Option prompt displays information related to the current option, where:

| Typing | Displays |
|---|--|
| A single question mark (?) | A list of all options accessible from the current option |
| Two question marks (??) | A list of all accessible options and their formal names |
| Three question marks (???) | A brief description for each option in a menu |
| A single question mark (?) followed by an option name (?OPTION) | Extended help, if available, for that option |

10.0 SAC Requirements

This program uses a standard global for export of data to the Area Office. The global is called ^BCHDATA (and is killed at the root level in various routines).

The kill of these unsubscripted globals has been approved by the Standards and Conventions committee

Glossary

Archiving

The storage of historical or little-used data off-line (often on tape).

Banner

A line of text with a user's name and domain.

Browser

An interactive application that displays ASCII text on a terminal that supports a scroll region. The text can be in the form of a word-processing field or sequential local or global array. The user is allowed to navigate freely within the document.

Callable Entry Points

Places in a routine that can be called from an application program.

Caret (^)

A circumflex, also known as an "up-hat," used as a piece delimiter in a global. The caret is denoted as "^" and is typed by pressing SHIFT-6 on the keyboard.

Cross Reference

An indexing method whereby files can include presorted lists of entries as part of the stored database. Cross references (x-refs) facilitate look-up and reporting.

Entry Point

A point within a routine that is referenced by a "DO" or "GOTO" command from a routine internal to a package.

File

A set of related records or entries treated as a single unit.

FileMan

The database management system for RPMS.

Global

In MUMPS, global refers to a variable stored on disk (global variable) or the array to which the global variable may belong (global array).

ICD

International Classification of Diseases.

INDEX (%INDEX)

A kernel utility used to verify routines and other MUMPS code associated with a package. Checking is done according to current ANSI MUMPS standards and RPMS programming standards. This tool can be invoked through an option or from direct mode (>D ^%INDEX).

IRM

Information Resource Management. The IHS personnel responsible for information systems management and security.

Kernel

The set of MUMPS software utilities that function as an intermediary between the host operating system and application packages, such as Laboratory and Pharmacy. The kernel provides a standard and consistent user and programmer interface between application packages and the underlying MUMPS implementation. These utilities provide the foundation for RPMS.

Menu

A list of choices for computing activity. A menu is a type of option designed to identify a series of items (other options) for presentation to the user for selection. When displayed, menu-type options are preceded by the word "Select" and followed by the word "option," as in "Select Menu Management option:" (the menu's select prompt).

Namespace

A unique set of 2 to 4 alpha characters that are assigned by the database administrator to a software application.

Option

An entry in the Option file. As an item in a menu, an option provides an opportunity for users to select it, thereby invoking the associated computing activity. Options may also be scheduled to run in the background, noninteractively, by TaskMan.

Patient Care Component (PCC)

The central repository for data in the Resource and Patient Management System (RPMS).

Queuing

A request that a job be processed at a later time rather than within the current session.

Routine

A program or sequence of instructions called by a program that may have some general or frequent use. MUMPS routines are groups of program lines that are saved, loaded, and called as a single unit via a specific name.

UCI

User Class Identification. A computing area.

Utility

A callable routine line tag or function. A universal routine usable by anyone.

Variable

A character or group of characters that refers to a value. MUMPS recognizes three types of variables: local variables, global variables, and special variables. Local variables exist in a partition of the main memory and disappear at signoff. A global variable is stored on disk, potentially available to any user. Global variables usually exist as parts of global arrays.

Contact Information

If you have any questions or comments regarding this distribution, please contact the OIT Help Desk (IHS).

Phone: (505) 248-4371 or (888) 830-7280 (toll free)

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Web: <http://www.ihs.gov/GeneralWeb/HelpCenter/Helpdesk/index.cfm>

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