

STAR 2000™



STAR PATIENT CARE STAR/PRIVplus Interface Guide

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Preface

The STAR Patient Care, STAR/PRIVplus Interface Guide provides a detailed explanation of the interface between McKesson's STAR Patient Care and CBR Associate's PRIVplus™ software package.

This book includes flow information, STAR Patient Care table updates, table revisions, multifacility processing, and file updates.

Documentation Conventions

Documentation for McKesson's STAR 2000™ line of products follows these conventions:

Revisions

Text revisions are indicated by a change bar in the left margin. Paragraphs that contain grammatical changes that do not affect content are not marked.

Canadian Documentation

This volume may include documentation for Canadian users of this product. Complete sections of Canadian text are identified by "CN" and "CN Only."

Key Names

Named keys, such as ENTER, SHIFT, CTRL, and ALT, appear in this document in uppercase (capital) letters. Symbol keys display according to the key name, followed by the symbol on the key in parentheses, such as hyphen (-) and asterisk (*).

Key Chords

Key chords are key entries that require you to hold down one or more keys (typically, CTRL, ALT, or SHIFT) before pressing another key. In this document, key chords display as the names of each key in the chord with a hyphen (-) between each (for example, CTRL-ALT-DEL). You should press the keys in the order indicated.

ENTER

ENTER is a key on a computer keyboard used to complete an entry on the STAR system. (This key may also be referred to as NEW LINE or NL in the STAR system.)

Data Entries

Letters or words you enter in response to the system display in **boldface** letters in this document. For example: Enter **Y** for Yes or **N** for No.

Selecting an Entry

This document often instructs you to "select an entry." The method you use to select an entry depends on whether you are using STAR from a terminal or IBM-compatible personal computer. Entry methods include:

- Entering the option number
- Using your arrow keys to highlight the option and pressing ENTER
- Clicking on the option using a mouse or other pointing device (PC only)

For more information about these options, see the General Information Volume.

Prompts

System prompts display at the bottom of many STAR screens when the system requests an entry or displays a message. Prompts display in this document italicized and indented from the rest of the text. For example:

Enter patient name--

Field Characteristics

STAR product documentation provides field explanation codes, in addition to a narrative description for each field on a screen. These codes display the maximum length of your entry in the field, the type of entry you make in the field, and whether the field is required. This information displays in the following format:

- DISPLAY ONLY for a field you cannot edit.
- For X-YY-Z field types, where:
 - X is the maximum number of characters permitted in the field:
 - P for a field length determined by a Parameter
 - T for a field length determined by a Table
 - U for a field having an Undefined length
 - YY is the type of entry technique permitted in the field:
 - A for Letters only
 - N for Numerals only
 - C for Characters (including punctuation)
 - AC for Letters and Punctuation only (no numbers)
 - NC for Numerals and Punctuation only (no letters)
 - AN for Letters and Numerals only (no punctuation)
 - Z is the requirement indicator of the field:
 - R if an entry is required to complete the function

NOTE: Facilities can designate that certain fields be required. STAR product documentation does not display R for fields designated as required by a facility.

- O if an entry is optional to complete the function
- C if an entry is conditionally required or optional
- For YY-Z field types, where YY is:
 - TABLE LOOKUP for a field that enables you to select from a displayed table.
 See the General Information Volume for more information regarding this entry technique.
 - SPECIAL FORMAT for a field having data entry requirements not conforming to standard format. The field definition contains the specific data entry requirements for the field.
 - DATE for a field subject to the date entry conventions described in the *General Information Volume*.
 - TIME for a field subject to the time entry conventions described in the *General Information Volume*.

NOTE: For use of the Z position in this format, refer to the explanations for Z under X-YY-Z.

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Introduction

PRIVplus is a PC-based software package used in performing the processes associated with clinical staff credentialing and privileging. The PRIVplus package is developed, licensed, and supported by CBR Associates, Inc.

The processes of credentialing, privileging and reappointment are most often performed by the medical staff coordinator. These processes are fairly self-contained, in that they are not commonly found to be integrated with other computerized systems in the facility.

The STAR Patient Care system does not provide a complete credentialing package. However, it contains several user-defined tables and files maintained by the customer used in the maintenance of physician information. These STAR tables and files are not as complete or comprehensive as the tables, files, and information found in PRIVplus. Therefore, an interface between CBR's PRIVplus and McKesson's STAR Patient Care system is a value-added arrangement for customers of both systems.

The CBR/McKesson STAR Patient Care interface focuses on the tables and files used for physician maintenance in STAR Patient Care.

Chapter 1 - FLOW OF INFORMATION

OVERVIEW...... 1-3

OVERVIEW

The STAR/PRIVplus interface provides both upload and download capability enabling exchange of information from STAR to PRIVplus and PRIVplus to STAR.

Following is an outline of the various scenarios in which the interface is established:

- Current McKesson customer that has purchased PRIVplus and the CBR/ McKesson Interface: The customer has the option of sending an initial download of information from STAR to PRIVplus. This download diminates the time required by the customer to reenter the physician information already available in STAR. Once the initial download has taken place, much of the information currently found in the STAR Physician table is maintained by PRIVplus and uploaded to STAR on a regular basis.
- 2. Current CBR customer that has purchased McKesson's STAR Patient Care and the CBR/McKesson Interface: This entails an initial upload of information from PRIVplus to STAR. This upload eliminates the time required for the customer to reenter the physician information already available in CBR's PRIVplus. Once the information is uploaded to STAR, it is maintained on PRIVplus.
- Customer has purchased PRIVplus and STAR and is not currently live on either product: In this scenario, it is most effective for the customer to enter the information in PRIVplus and then upload to STAR. After such time, the information is maintained on PRIVplus and uploads to STAR daily.
- 4. Customer is live on both PRIVplus and STAR and now wants to purchase the interface: In this scenario, an initial upload is required once the systems are in sync. The preinstallation steps must be followed prior to the upload. Once the initial upload is performed, all shared information is controlled by PRIVplus.

The most common of these scenarios are those customers who are currently using the STAR product and have purchased the CBR PRIVplus product. With PRIVplus being the more comprehensive of the two (in the area of physician tables and files), most of the information common between PRIVplus and STAR originates from PRIVplus after the initial download from STAR.

Once the initial download from STAR to PRIVplus takes place, future updates to the Physician table are done using an upload from PRIVplus to STAR. When the CBR/McKesson Interface is in place, all additions, deletions and revisions to shared physician information must originate from PRIVplus, unless the physician has been identified as non-staff when added to the Physician table.

There are rare occasions when it is necessary to grant emergency or temporary privileges to a physician on STAR prior to the physician being entered through PRIVplus. In these instances, the hospital should make provisions to utilize a default physician number (such as 9999) until such time that a permanent physician number has been assigned on the CBR PRIVplus system.

If you do not already have a default physician set up in STAR, consideration should be given to doing so prior to the installation of the interface.

Chapter 2 - STAR PATIENT CARE TABLE UPDATES

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OVERVIEW

In order to ensure that data is accurate and synchronous between STAR and PRIVplus, it is very important to limit where and how information can be updated. Therefore, when the CBR/McKesson Interface is active, updates to the Physician Code Tables must be done on CBR's PRIVplus. McKesson prevents updates to these tables in STAR Patient Care by a Communication Line Definition in HBOC Communications Functions. This communication definition is set up by your McKesson installation representative.

Committees

This table contains the code and description of all committees to which a physician may be appointed. This table is controlled by PRIVplus. The length and domain of the code is compatible between STAR and PRIVplus. Therefore, no updates or changes are necessary prior to the initial download/upload.

Physician Staff Status

This table contains the code and description of all statuses a physician can have, such as active, temporary, honorary, etc. This table is controlled by PRIVplus. Due to the difference in the length and domain of the code field between STAR and PRIVplus, McKesson has expanded the code field from one numeric to four alphanumeric. This change has been made to the base product, but only when the STAR/CBR programs have been loaded, and the appropriate conversions run. This is done by your McKesson installation representative.

Physician/Resource Specialty

This table contains the codes and descriptions of various physician and/or resource specialties. This table is controlled by PRIVplus. The length of the specialty code field in PRIVplus is four alphanumeric and the length of specialty code field in STAR is three alphanumeric characters.

NOTE: The TRENDSTAR® code field in this table can be accessed whether or not the CBR interface is active.

In STAR, the specialty code is a part of the Resource ID Code used in the STAR Patient Scheduling module. The Resource ID Code is used in creating, maintaining and reporting on scheduled appointments. Changing the code length from three to four characters would be a major change to that module, one which is not feasible at this time.

In PRIVplus, the specialty code is widely used, and it is not fæsible to change the code length from four to three characters. Therefore, in order to accommodate the difference in the length of the specialty code field between STAR and PRIVplus, the following steps must be followed:

Step	Function
McKesson -> CBR	When information is downloaded from STAR to PRIVplus, the discrepancy in the length of the code is not a factor, since the three-character code is acceptable on PRIVplus. Once on PRIVplus, the customer is instructed NOT to use a four character code for specialties.
CBR -> McKesson	When information is uploaded from PRIVplus to STAR, the discrepancy in the length of the code must be addressed. Since specialty code is not lengthened on STAR, a new field has been added to the Specialty Code Table. This field, titled Conversion Code, has been added to accommodate the corresponding four-character code from PRIVplus. It is the responsibility of the customer to enter the appropriate PRIVplus code into this field.
	A part of the customer's pre-installation process is to map the STAR and PRIVplus codes, then enter the corresponding PRIVplus code into the STAR Specialty Code Table. This should be done by printing the specialty table in PRIVplus (if it exists), and printing the specialty table in STAR. Once the tables are printed, match the codes. Then in the STAR-Physician/Resource Specialty code table, enter the PRIVplus code in field three for each of the codes in STAR. Even if the codes are the same between PRIVplus and STAR, you must complete the Conversion Code field.

Product Options

This tables controls physician sign-on and other parameterized information. A new field, CBR Upload File, has been added to this screen. This field indicates where on the PC the PRIVplus upload file is located. To enter the location of the upload file, enter the drive followed by a colon (:), followed by the directory name. Note that the system converts the colon into a hyphen (-), but this does not affect how the directory is entered. If you are unsure as to where your PRIVplus upload file is located, contact CBR support.

Physician Table

The STAR Physician Code table is comprised of various screens. Most of the fields on these screens are controlled by PRIVplus; however, some are STAR only. This document lists each field found on the screens affected by PRIVplus. This listing provides information on how each field is affected by the interface. The number to the left of the field description corresponds to the field number on the STAR Physician Table screen.

The McKesson length is the current length of the field as it is stored (vs. display length) and is followed by the domain of the field (i.e., alpha, numeric, alphanumeric). The CBR length is the current field length of the same or similar field found in PRIVplus.

This is followed by the domain of the field. The *Ownership* column indicates which system is responsible for maintaining the master information.

With the exception of a few fields, the discrepancy in field lengths between STAR and PRIVplus are handled with a flagging mechanism on the PRIVplus screens. This flag indicates where the STAR data length ends. Some fields, such as office and home address lines, have been shortened in PRIVplus to prevent the customerfrom entering more information in PRIVplus than can be displayed in STAR.

Some field explanations include special notes. These notes contain specific information regarding either changes to the field, or special considerations being made by McKesson or CBR to accommodate the interface.

The fields that are indicated as being owned by CBR/McKesson are common to both systems, and the information flows from CBR to McKesson. CBR is the primary source for this data once the initial upload or download has been completed. Those fields noted as being owned by McKesson only are fields that are found only in STAR and are not uploaded by or downloaded to CBR.

Once the McKesson/CBR interface is active, fields that are shared between STAR and PRIVplus cannot be updated on STAR unless the physician has been identified as a non-staff caregiver. This eliminates the possibility of data discrepancies and assumes the control of information to be on PRIVplus. The fields that are noted with a plus sign (+) are those that cannot be edited on STAR once the interface is active unless the physician has been identified as a non-staff caregiver. If you attempt to enter one of these fields, this error message displays:

Error: Field cannot be edited!

NOTE: Due to the major difference in the way McKesson and CBR store physician groups, it is most important for the customer to review the Physician table prior to the initial upload/download of information.

In PRIVplus, physician groups are stored in a code table listing. The group codes can be alphanumeric, but those that contain alphanumeric characters are not uploaded to STAR Patient Care. CBR has also added a check in the PRIVplus system to prevent assignment of duplicate group and physician numbers.

In STAR, physician groups are stored in the same table as physicians. The group code is numeric only and cannot be a duplicate of a physician number. Therefore, it is not possible for a physician and a group to have the same number.

If the customer is currently on the PRIVplus system and plans to upload physician information to STAR, the physician group codes must be reviewed to determine which codes include alpha characters. Those codes that are not numeric only must be changed or the groups will not upload to STAR Patient Care. Prior to changing the code, you should verify that the numeric code assigned to a group does not duplicate a physician code number.

If the customer is currently on the STAR system and plans to download physician information to PRIVplus, the physician group codes do not have to be reviewed, since STAR does not allow duplicates of group and physician codes.

PHYSICIAN PARAMETERS SCREENS

The Physician Parameters of the Physician table is comprised of three screens. This section describes each of these screens and how eachfield is affected by the interface.

Following is the first screen:

```
General Hospital Physician Parameters Processor
                                                 Fri May 05, 2000 11:46 am
Physician Name: 7000 - HOLT, VALERIE J
1 Name
                                          2 Init 3 Title 4 Staff/Non-staff
  7000-HOLT, VALERIE J
                                                   MD
                                            VJH
                                                               Staff
                           6 2nd Office 7 Soc Sec No
5 Admitting Status
                                                             8 Birthdate
  All patients
                              No
9 Office Phone # 10 Extension
(4040)145-78787 1441
                                         11 Home Phone #
                                                            12 Beeper #
13 E-mail Address #1
                                       14 E-mail Address #2
15 Professional Title
  MEDICAL DOCTOR
Physician/NSCG Group
                                       16 Group 1
17 Group 2
                                       18 Group 3
                                         20 Edit By
19 Physicians/NSCG in Group
                                                          21 Edit Date
                                            Cox, Valerie J
                                                               09/20/99 10:14
Enter field number or '/' starting field number --
                      next(/) or previous screen(/P) [/]
```

Field#	Description	McKesson Length	CBR Length	Ownership
1+	Name (and number)	35 (A)	48 (AN)	CBR/McKesson

NOTE: The name field in STAR includes last, first and middle. The name field in PRIVplus is actually three separate fields - the lastname is 20 characters, the first name is 15, and the middle is 13. CBR sends this over as one field and McKesson places it in the appropriate format (last, first MI). If the last name and first name take up all the fields for name in the interface, CBR does not send the middle initial, and the initials field in STAR is comprised of the initials for the first and last names.

The physician number is six characters in STAR and eight in PRIVplus. CBR limits the input to six for McKesson customers. The length of the name does not include the six characters for the number.

Field#	Description	McKesson Length	CBR Length	Ownership
3+	Title	3 (AN)	16(AN)	CBR/McKesson

NOTE: This field is titled Degree in PRIVplus and is sent over without periods between the letters. When entering data into this field on PRIVplus, the McKesson customer should not exceed three alphanumeric characters.

Field#	Description	McKesson Length	CBR Length	Ownership
4	Staff/Non-staff	1 (A)		McKesson

NOTE: This field is used by STAR only. When a physician has been identified as Non-Staff, this physician is NOT included in the initial download to CBR (if one is done). Further, since this physician is not in CBR, there is no data exchange on the physician. If the physician is Non-Staff and the CBR interface is active, the Physician table fields controlled by CBR can still be accessed on the physician.

When a physician has been identified as Staff, this physician is included in the initial download to CBR (if one was done). Since this physician is in CBR, the Physician table fields controlled by CBR cannot be accessed on the physician when the interface is active.

Field#	Description	McKesson Length	CBR Length	Ownership
5+	Admitting Status	1(A)	1(A)	CBR/McKesson

NOTE: CBR has a field in PRIVplus called ADM Status on the General Demographic Information screen. When data is downloaded from STAR Patient Care to PRIVplus, the ADM Status field contains N if STAR Patient Care contains no restrictions. If the physician has restricted privileges, the ADM Status field in CBR is completed with Y for Yes.

Likewise, when data is uploaded from PRIVplus to STAR Patient Care and the ADM Status field in CBR contains N or is blank, this completes this field in STAR Patient Care with "No Restrictions." If the ADM Status field in CBR contains Y, this field in STAR Patient Care is completed with "Restricted Privileges." This alerts the admissions area that this physician may not be permitted to admit patients.

Field#	Description	McKesson Length	CBR Length	Ownership
7+	Soc Sec Number	9(N)	11(N)	CBR/McKesson

NOTE: Although the McKesson entry length is nine, the display length is 11 (including the hyphens); therefore, CBR uploads the social security number with the **hyphens included.** Display of the social security number may be masked or partially masked, depending on your facility's settings.

Field#	Description	McKesson Length	CBR Length	Ownership
8+	Birthdate	10(N)	10(N)	CBR/McKesson

NOTE: CBR sends the date as mm/dd/yyyy. The date is internally stored in \$H format, but displays as mm/dd/yy.

Field#	Description	McKesson Length	CBR Length	Ownership
9	Office Phone #	13(N)	12(N)	CBR/McKesson

NOTE: CBR uploads the phone number with the hyphens included. In STAR Patient Care, this office phone number is intended to reflect a physician's direct number that may be different than the office phone number associated with an office. Therefore, if this field contains a phone number when an upload takes place, the upload will not alter this field. If this field is blank when an upload takes place, the office phone from PRIVplus is entered in this field. Even though this field is shared between PRIVplus and STAR Patient Care editing is allowed.

Field#	Description	McKesson Length	CBR Length	Ownership
10+	Extension	5(N)	5(N)	CBR/McKesson

Field#	Description	McKesson Length	CBR Length	Ownership
11+	Home Phone #	13(CN)	12(N)	CBR/McKesson

NOTE: CBR uploads the phone number with the hyphens included.

Field#	Description	McKesson Length	CBR Length	Ownership
12+	Beeper#	13(CN)	10(N)	CBR/McKesson

NOTE: If the beeper # is a telephone number, CBR uploads the number with the hyphens included.

Field#	Description	McKesson Length	CBR Length	Ownership
16,17,18+	Group 1, 2, or 3	26(AN)	52(AN)	CBR/McKesson

NOTE: In PRIVplus, groups are set up in a table that is separate from the Physician table. The table entry for each group contains the group code, name, and address. In STAR, groups are not set up as a separate table, but are included in the Physician table. To accommodate this difference, when information is uploaded from PRIVplus to STAR, each physician record in the interface file includes the group information that has been associated with a particular physician within PRIVplus. The group table is sent to STAR as a table, then STAR creates an entry in the Physician table for each group. When information is downloaded from STAR to PRIVplus, the group code is preceded by an asterisk (*). This indicates to CBR that this physician is a group and should be added to the PRIVplus group table. PRIVplus limits the group name to 26 characters. If an initial upload is performed, your hospital must enter groups into the PRIVplus system regardless of whether the medical staff office utilizes them.

The following fields found on the first screen of the Physician Parameters are McKesson only and are not exchanged in the interface:

- 2 Init (Initials)
- 6 2nd Office
- 13 E-mail Address #1
- 14 E-mail Address #2
- 15 Professional Title
- 19 Physicians/NSCG in Group
- 20 Edit By
- 21 Edit Date

NOTE: Edit By and Edit Date are fields that are not in PRIVplus. However, when the Physician table has been updated from CBR, the Edit By field is blankand the Edit Date contains the date the upload took place.

Following is the second Physician Parameters screen:

```
General Hospital Physician Parameters Processor
                                               Thu Jul 12, 2001 10:13 am
 Physician Name: 123 - RAD, TEST
                     Burgess, Mandi 07/12/2
                   1 Edit By
                                      07/11/01 14:23
              CLINICAL BROWSER/PHYSICIAN ACCESS/PHYSICIAN VIEW
 3 Patient Access Level 4 Report Viewing Required
                                                         5 Def Pat List
  Access Restricted
                          ->
 6 Secret Code 7 Sign-on Exp
                                      8 Security Level
  123
                    PHYSICIAN ACCESS/PHYSICIAN VIEW
 9 Initial Menu
                                     10 Scheduling Departments
11 Grp/Cover Default
Require viewing of reports prior to electronic signature? (Y/N)--
                     next(/) or previous screen(/P) [/]
```

All fields on the second screen of the Physician Parameters are McKesson only and are not exchanged in the interface.

Following is the third Physician Parameters screen:

```
General Hospital Physician Parameters Processor
                                              Thu Jul 12, 2001 10:13 am
Physician Name: 123 - RAD, TEST
                     CLINICAL BROWSER/PHYSICIAN VIEW
1 Access Path
                 2 Patients on List 3 IP Primary Sort
  Facesheet
                    Both
                                         Physician Type
 4 OP Primary Sort 5 OP Secondary Sort
                                      6 Consider Viewed if Seen
  Physician Type Patient Type
                                        By This Physician
7 Result Display Days
                            PHYSICIAN VIEW ONLY
8 List 1st? 9 Grp/Cover Default
                                                    10 Double Dare?
  No
                                                       Yes
11 Fax Report 12 Custom STAR Menu
Enter number of days back to display in the initial results list [3]--
                     next(/) or previous screen(/P) [/]
```

All fields on the third screen of the Physician Parameters are McKesson only and are not exchanged in the interface.

COMMITTEES/SPECIALTIES SCREEN

General Hospital Committees/Specialties Processor
Wed Aug 13, 2003 04:51 pm

Physician Name: 32 - ADAIR, FRANK C

- 1 Primary Specialty Medical Division
- 3 Other Specialties Surgical

- 2 Primary Specialty Certified
- Yes
 4 Secondary Specialty Certified
- 5 Taxonomy #1 123456789A

Yes

6 Committees 7 Covering for Physicians Cardiology Committee Medical Committee SKABINSKI, MARIANNE M Tissue Committee

Enter field number or '/' starting field number--

Field#	Description	McKesson Length	CBR Length	Ownership
1+	Primary Specialty	4(AN)	4(AN)	CBR/McKesson

NOTE: This field is set to match the primary appointment in PRIVplus. When data is uploaded from PRIVplus to STAR, and the physician's record has a primary appointment for a specialty, the specialty description displays in this field. If the physician is certified in this specialty, a Y is entered in the Approval Status field in the Appointments screen on PRIVplus, and is then entered into the Primary Specialty Cert field in STAR.

When data is downloaded from STAR Patient Care to PRIVplus, physician specialty in STAR does not create an appointment record in PRIVplus. This is due to the structure of the departments, specialty and privileging in PRIVplus. CBR has made provisions for you to generate reports on this information. Support at CBR should be contacted for additional information on these reports.

Field#	Description	McKesson Length	CBR Length	Ownership
2+	Primary Specialty Certified	1(A)	2(A)	CBR/McKesson

NOTE: In PRIVplus, the Appointments screen contains a Board Certified In This Dept/Spec? field. When data is uploaded to STAR and this field contains Y

for a specialty that has been indicated as primary, this field in STAR contains Y. If the field in PRIVplus contains N or is blank, this field in STAR contains N.

Field#	Description	McKesson Length	CBR Length	Ownership
3+	Other Specialties	4(AN)	4(AN)	CBR/McKesson

NOTE: PRIVplus sends one secondary specialty, and up to four other (also considered secondary) specialties. These all display in the Other Specialties fields in STAR. However, the first specialty in this field is the specialty to which the certification indicator (next field) applies. For all specialties, CBR sends the code and McKesson displays the description in this field.

When data is downloaded from STAR to PRIVplus, Physician Specialty in STAR does not create an appointment record in PRIVplus. This is due to the structure of the departments, specialty and privileging in PRIVplus. CBR has made provisions for you to generate reports on this information. Support at CBR should be contacted for additional information on these reports.

Field#	Description	McKesson Length	CBR Length	Ownership
4+	Secondary Specialty Certified	1(A)	2(A)	CBR/McKesson

Similar to the Primary Specialty Cert field, this field uses the Board Certified In This Dept/Spec? field in the Appointments screen in PRIVplus. When data is uploaded to STAR and this field contains Y for the first secondary specialty created, it completes this field in STAR with Y. Likewise, if the field in PRIVplus contains N or is blank, this field in STAR also contains N.

Field#	Description	McKesson Length	CBR Length	Ownership
5	Taxonomy #1	10(AN)		McKesson

NOTE: This field is not contained in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
6+	Committees	4(AN)	4(AN)	CBR/McKesson

NOTE: CBR sends up to 12 different committee codes, and McKesson displays the description(s) on the screen.

When data is downloaded from STAR to PRIVplus, a committee record is not created in PRIVplus. This is due to the structure of committee set-up in

PRIVplus. CBR has made provisions for you to generate reports on this information. Contact CBR Support for additional information on these reports.

Field#	Description	McKesson Length	CBR Length	Ownership
7	Covering For Physicians			McKesson

NOTE: This field is not contained in PRIVplus and is for STAR use only.

HOME ADDRESS/ID NUMBERS SCREEN

```
General Hospital Home Address/ID Numbers Processor
                                            Wed Sep 28, 2005 11:05 pm
 Physician Name: 32 - ADAIR, FRANK C
                    2 Home Address 2
 1 Home Address 1
                                                      3 City
  1000 ASHFORD RD
                                                        ATLANTA
 4 State 5 ZIP Code 6 State License # 7 Expiration Date
  GA
                   30319
                                      STATE123
8 DEA #
                9 Expiration Date 10 NPI
  12345
                                             1234567893
11 UB Physician ID #
                           12 AMA Medical Education 13 Medicare ID #
  UB123
                             12345
                                                        CARE123
14 Medicaid ID \# 15 Blue Cross ID \# 16 Commercial ID \# 17 PIN \#
  CAID123
                   BX123
                                      COMM123
                                                         PIN123
18 UPIN #
               19 Fin Interface # 20 Tax ID #
                                                     21 Other ID # 1
                                     TAX123
  UPIN123
                   FIN123
                              TAX123 O.... 22 Prof. Status 25 Type of Practice
                                                        OTH1-123
22 Other ID # 2 23 Staff Status
OTH2-123 1 ACTIVE 1 M.D.

26 Type Privileges 27 Active Date 28 Inactive Date 29 RES-Q OR
                                                        No
Enter field number or '/' starting field number--
```

Field#	Description	McKesson Length	CBR Length	Ownership
1+	Home Address 1	25(AN)	25(AN)	CBR/McKesson

Field#	Description	McKesson Length	CBR Length	Ownership
2+	Home Address 2	25(AN)	25(AN)	CBR/McKesson

Field#	Description	McKesson Length	CBR Length	Ownership
3+	City	18(AN)	18(AN)	CBR/McKesson

Fie	ld#	Description	McKesson Length	CBR Length	Ownership
4+		State	2(A)	2(A)	CBR/McKesson

Field#	Description	McKesson Length	CBR Length	Ownership
5+	ZIP Code	9(N)	10(N)	CBR/McKesson

NOTE: CBR strips the hyphen (-) from a nine-character ZIP code.

Field#	Description	McKesson Length	CBR Length	Ownership
6+	State License #	12(AN)	15(AN)	CBR/McKesson

NOTE: The STAR field length is less than that in PRIVplus. If the State License number is 15 characters in PRIVplus, the last three characters drop off during the upload to STAR. This should not be an issue since most state license numbers do not exceed 12 characters.

Field#	Description	McKesson Length	CBR Length	Ownership
7+	Expiration Date	8(N)	8(N)	CBR/McKesson

NOTE: CBR uploads the date in MM/DD/YY format. If a physician's state license number in PRIVplus has no associated expiration date or has a date that has expired, the license number still uploads to STAR. Since the medical staff coordinator may not be able to update the date in a timely fashion, it has been decided that it is better to leave a license number in STAR even if it does not have a date.

Field#	Description	McKesson Length	CBR Length	Ownership
8+	DEA#	11(AN)	15(AN)	CBR/McKesson

NOTE: The STAR field length is less than that in PRIVplus. If the DEA number is 15 characters in PRIVplus, the last four characters drop off during the upload to STAR. This should not be an issue since the DEA numbers do not exceed 11 characters.

Field#	Description	McKesson Length	CBR Length	Ownership
9+	Expiration Date	8(N)	8(N)	CBR/McKesson

NOTE: CBR uploads the date in MM/DD/YY format. If a DEA number in PRIVplus has no associated expiration date, or a date that has expired, the license number still uploads to STAR. Since the medical staff coordinator may not be able to update the date in a timely fashion, it has been decided that it is better to leave a license number in STAR even if it does not have a date.

Field#	Description	McKesson Length	CBR Length	Ownership
10+	NPI	10(N)	10(N)	CBR/McKesson

NOTE: This field originates in PRIVplus and is uploaded to STAR. It is not editable in STAR.

Fie	ld#	Description	McKesson Length	CBR Length	Ownership
11		UB Physician ID #	22(C)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
12	AMA Medical Education	11(AN)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
13+	Medicare ID #	15(C)	15(AN)	CBR/McKesson

NOTE: CBR has added a hard-coded license type of MCAR. When MCAR is used as a license type, the number associated with it uploads to the STAR field. In PRIVplus, if you use a license type other than MCAR with the Medicare ID #, this information is **not** uploaded from PRIVplus to STAR.

Field#	Description	McKesson Length	CBR Length	Ownership
14+	Medicaid ID #	15(C)	15(AN)	CBR/McKesson

NOTE: CBR has added a hard-coded license type of MCAD. When MCAD is used as a license type, the number associated with it uploads to the STAR field. In PRIVplus, if you use a license type other than MCAD with the Medicaid number, the information is **not** uploaded from PRIVplus to STAR.

Field#	Description	McKesson Length	CBR Length	Ownership
15+	Blue Cross ID #	15(C)	15(AN)	CBR/McKesson

NOTE: CBR has added a hard-coded license type of BCBS. When BCBS is used as a license type, the number associated with it uploads to the STAR field. In PRIVplus, if you use a license type other then BCBS, the information is NOT uploaded from PRIVplus to STAR.

Field#	Description	McKesson Length	CBR Length	Ownership
16	Commercial ID #	15(C)	<u>-</u>	McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
17	PIN#	15(C)	15(AN)	McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
18+	UPIN#	15(C)	15(AN)	CBR/McKesson

NOTE: CBR has added a license type of BILL. When BILL is used as a license type, the number associated with it uploads to this STAR field. If you use a license type other than BILL with the UPIN #, the information is not uploaded to STAR.

Field#	Description	McKesson Length	CBR Length	Ownership
19	Fin Interface #	6(C)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
20	Tax ID#	15(C)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
21	Other ID # 1	15(C)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

	Field#	Description	McKesson Length	CBR Length	Ownership
İ	22	Other ID # 2	15(C)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
23+	Staff Status	4(AN)	4(AN)	CBR/McKesson

NOTE: CBR sends the status code that is associated with the physician primary appointment (specialty). STAR displays both the staff status code and description.

Field#	Description	McKesson Length	CBR Length	Ownership
24	Prof Status			McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
25	Type of Practice	1(C)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
26	Type Privileges	1(C)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
27+	Active Date	8(N)	8(N)	CBR/McKesson

NOTE: The date entered in the On Staff field in the General Demographic Screen of PRIVplus uploads in this STAR field.

Field#	Description	McKesson Length	CBR Length	Ownership
28+	Inactive Date	8(N)	8(N)	CBR/McKesson

NOTE: If a date is entered in the Terminated field in the General Demographic Screen of PRIVplus, it uploads into this field in STAR. CBR sends the termination or archived date in the MM/DD/YY format.

Field#	Description	McKesson Length	CBR Length	Ownership
29	RES-Q OR	1(A)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only. In STAR, if a physician is deleted from the file, the system asks whether the physician should also be deleted from RES-Q OR. If PRIVplus sends the physician as deleted, the physician is deleted from RES-Q OR. This field is accessible in STAR only if the RES-Q OR interface is operational.

OFFICE INFORMATION SCREEN

```
General Hospital Office Information Processor
                                               Wed Aug 13, 2003 04:47 pm
 Physician Name: 32 - ADAIR, FRANK C
 1 Office Code 2 Office Name
                  ADAIR'S OFFICE
  PRT
 3 Office Address Line 1
                                    4 Office Address Line 2
  1818 DANTZLER ROAD
                                      SUITE 100
  City 6 State 7 ZIP Code 8 FAX # HIGH POINT NC 30346 668-1
 5 City
                                               668-1407
9 Answering Service # 10 Office Phone # 11 Extension 12 Cell Phone #
                       (770)889-1111
                                         2882
13 Hospital Phone # 14 E-Mail Address
                                     16 Edit By 17 Edit Date
15 Office Contact
   Mary Johnson, RN
                                        Coleman, Kathy
                                                         05/13/03 21:49
Enter physician's answering service #--
```

Field#	Description	McKesson Length	CBR Length	Ownership
1	Office Code	3(AN)		McKesson

NOTE: In STAR, this field defaults to PRI for the physician's primary office and SEC for physician's secondary office. In PRIVplus, the customer can enter information for Office 1 and Office 2. When information regarding Office 1 is uploaded from PRIVplus, STAR associates the Office 1 information from PRIVplus to the office code PRI. When PRIVplus transmits information regarding Office 2, STAR associates this information to the office code SEC. If there is not a SEC office code in the McKesson system, the SEC office code is created and the PRIVplus Office 2 information is inserted. If this information is being downloaded from STAR to PRIVplus and PRI is in this field, PRIVplus enters the office information in Office 1. If there is a code different than PRI, PRIVplus considers this the indicator for Office 2 information.

In STAR, a physician can have more than two office addresses. It is the customer's responsibility to ensure that the two most important office addresses are the PRI and SEC office codes. This keeps STAR and PRIVplus information in sync.

Field#	Description	McKesson Length	CBR Length	Ownership
2	Office Name	25(AN)		McKesson

NOTE: This field is not shared between PRIVplus and STAR, but will be completed by PRIVplus data if the field is blank when the upload occurs. When data is uploaded to STAR and this field is blank, the physician's name is entered. When data is uploaded and this field already contains data, the field will not be altered. This field can be edited on STAR.

Field#	Description	McKesson Length	CBR Length	Ownership
3+	Office Address Line 1	25(AN)	25(AN)	CBR/McKesson

Field#	Description	McKesson Length	CBR Length	Ownership
4	Office Address Line 2	25(AN)	25(AN)	McKesson

Field#	Description	McKesson Length	CBR Length	Ownership
5+	City	18(AN)	18(AN)	CBR/McKesson

Field#	Description	McKesson Length	CBR Length	Ownership
6+	State	2(AN)	2(AN)	CBR/McKesson

Field#	Description	McKesson Length	CBR Length	Ownership
7+	ZIP Code	9(N)	10(N)	CBR/McKesson

NOTE: CBR strips the hyphen (-) from a nine-character ZIP code.

Field#	Description	McKesson Length	CBR Length	Ownership
8+	Fax #	13(NC)	10(N)	CBR/McKesson

NOTE: CBR sends the number with the hyphens (-) included.

Field#	Description	McKesson Length	CBR Length	Ownership
9	Answering Service #	13(NC)		McKesson

Field#	Description	McKesson Length	CBR Length	Ownership
10	Office Phone #	13(NC)	10(N)	CBR/McKesson

NOTE: CBR sends the phone number with the hyphens (-) included.

Field#	Description	McKesson Length	CBR Length	Ownership
11	Extension	5(N)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
12	Cell Phone #	13(NC)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
13	Hospital Phone #	13(NC)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
14	E-mail Address	36(C)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
15	Office Contact	36(C)		McKesson

NOTE: This field is not used in PRIVplus and is for STAR use only.

Field#	Description	McKesson Length	CBR Length	Ownership
16	Edit By			McKesson

Field#	Description	McKesson Length	CBR Length	Ownership
17	Edit Date			McKesson

NOTE: Edit By and Edit Date are not fields that are found in PRIVplus. However, when this table has been updated by an upload from PRIVplus, the Edit By field is blank and the Edit Date is the date the upload took place.

COMMENTS SCREEN

Field#	Description	McKesson Length	CBR Length	Ownership	
	General Comment	144(AN)	36(AN)	CBR/McKesson	

NOTE: In PRIVplus, this is the HBOC Comment field located on the General Demographic Information screen. When data is uploaded from PRIVplus to STAR Patient Care, information entered in the HBOC Comment field is stored in the General Comments portion of this screen. When data is downloaded from STAR Patient Care to PRIVplus, information entered in the General Comments portion of this screen is stored in the HBOC Comment field in PRIVplus; however, only the first 36 characters are passed. Financial comments are not found in PRIVplus. They are used in STAR only.

Chapter 3 - TABLE REVISIONS

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	elete (indicator: del)	
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TABLE REVISIONS

The first field of the physician record that is sent from PRIVplus contains the transaction type indicator. There are five possible transaction types:

Additions (indicator: add)

Currently, STAR has a mechanism enabling the customer to add codes to the tables in Physician Table Maintenance. Once the CBR/McKesson Interface is active, the customer is not permitted to add new codes in STAR for the following Physician tables:

- Committees
- Physician Staff Status
- Physician/Resource Specialty
- Physicians

Table codes are added in PRIVplus and transmitted to STAR during the daily upload. When an add transaction is transmitted for either the Committees, Physician Staff Status, or Physician/Resource Specialty code table, the entire table is sent. When an add transaction is transmitted for the Physicians table, only the records of the physician(s) added are transmitted.

Revisions (indicator: rev)

Revisions to the following tables are not permitted in STAR once the CBR/McKesson Interface is active:

- Committees
- Physician Staff Status
- Physician/Resource Specialty
- Physician (for shared fields only)

Revisions to these tables are made in PRIVplus and transmitted to STAR during the daily upload. When a revision transaction is transmitted for either the Committee, Physician Staff Status, or Physician/Resource Specialty code table, the entire table is sent. When a revision transaction is transmitted for the Physicians table, only the records of the revised physician(s) are transmitted.

Revisions can be made in STAR to those fields in the Physician table that have been identified as McKesson only (see table update section for information on these fields). Fields in the Physician table that are shared by PRIVplus and STAR cannot be revised in STAR, with the exception of a couple of fields.

Delete (indicator: del)

Deletions to the following tables are not permitted in STAR once the CBR/McKesson Interface is active:

- Committees
- Physician Staff Status
- Physician/Resource Specialty
- Physicians

Deletions to these tables are made in PRIVplus and transmitted to STAR during the daily upload.

When a delete transaction is transmitted for the Committee, Physician Staff Status, or Physician/Resource Specialty code table, the entire table is transmitted (with the exception of the deleted code).

When a delete transaction is transmitted for the Physician table, the only records transmitted are those of the physician(s) that have been deleted. The only information included in the record of a deleted physician is the hospital membership indicator, the physician number, and the physician name.

Archive (indicator: arc)

Currently in STAR, when deleting physician information from the system, there is an option to file as deleted. In PRIVplus, file as deleted is referred to as archiving. The archive transaction type is used to indicate those physicians that have been filed as deleted.

Archiving to the following tables is not permitted in STAR once the CBR/McKesson Interface is active:

- Committees
- Physician Staff Status
- Physician/Resource Specialty
- Physicians

Archiving of these tables is performed in PRIVplus and transmitted to STAR during the daily upload.

When an archive transaction is transmitted for the Physician table, only the records for those physician(s) archived are transmitted. The physician that is archived can be

accessed in STAR Patient Care for viewing of information. However, the physician cannot be reactivated unless unarchived in PRIVplus.

Unarchive (indicator: una)

Currently in STAR, when a physician is filed as deleted there is an option to reactivate the physician. In PRIVplus, reactivating is referred to as unarchiving. The unarchive transaction type is used to indicate those physicians that have been reactivated from archive.

Reactivating items in the following tables is not permitted in STAR once the CBR Interface is active:

- Committees
- Physician Staff Status
- Physician/Resource Specialty
- Physicians

Unarchiving of these tables is performed in PRIVplus and transmitted to STAR during the daily upload.

When an unarchive transaction is transmitted for the Physician table, only the record for that physician(s) is transmitted.

Chapter 4 - MULTIFACILITY PROCESSING

MULTIFACILITY PROCESSING

Both STAR and PRIVplus support the use of multiple facilities. In STAR, it is possible to split physician information by facility. In order to ensure that the information exchanged between STAR and PRIVplus contains the correct physician information based on facility, the CBR/McKesson interface also supports the use of multiple facilities.

A multifacility indicator is maintained in PRIVplus by a table. CBR allows you to define up to 12 Hospital/Staff Memberships in a table. When a physician is selected, and the customer is updating or adding Hospital/Staff Membership, the table of all defined entries display. You then indicate which of these the physician or staff person is a member by using a Y or N indicator.

In STAR, up to 26 facilities can be defined. If the Physician table is split by facility, STAR enables the customer to enter the physician in each of the facilities. After the Physician table is selected, the customer then selects thefacility to which the physician is being added or updated.

When information is being either uploaded or downloaded between PRIVplus and STAR, the second field of information in the physician record is the hospital membership indicator. It is the responsibility of the customer to verify that the **first** 26 Hospital/Staff Memberships that are set up in PRIVplus are the 26 facilities that are set up in STAR (in the same order).

In the CBR/McKesson Interface, multifacility processing functions as follows:

Function	Description	
CBR -> McKesson	PRIVplus sends a Y or N indicator in the first five columns of the physician record. STAR uses the Y or N to determine to which facil this physician information should be added. For example, if the interface physician record contains YNY as the first three columns of the hospital membership field, then STAR loads this physician information into the first and third hospitals that display for multi-facility This is why is it very important that the order in which the facilities a entered matches on both systems.	
McKesson -> CBR	STAR sends a Y or N indicator in the first five columns of the physician record. PRIVplus uses the Y or N to determine which facility the physician is in, and load the Y or N in the Hospital/Staff Membership information for this physician. Since STAR has this physician information up to 26 times, it is the responsibility of the customer to ensure that the physician information is consistent across all the facilities. The physician information that is sent to PRIVplus is that which is found in the first facility for that physician. For example, if Dr. Smith is in facilities A, B and C, the information stored in facility A is passed to PRIVplus. If Dr. Jones is in facilities B and C, then the information stored for facility B is passed to PRIVplus.	

Chapter 5 - FILE UPDATES

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Chapter 5 - FILE UPDATES FILE UPDATES

FILE UPDATES

The updates that occur between STAR and PRIVplus are handled on a daily basis by the system. Each day the PRIVplus system creates an output file and places it in a subdirectory on the PC where PRIVplus resides.

When the customer signs off the system for the day and begins the process of daily backup, a message is sent to STAR signaling that a file is ready to be received.

The trigger signs on to STAR and locks out the user from igning onto the PC and using PRIVplus. The upload of the file from PRIVplus to STAR contains changes made to tables (including the physician file). Once the file is received by STAR, it is put into the global format.

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Topic	Poor	Fair	Good	Excellent
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Amount of overview information				
Explanation of processes				
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Thanks for your help in improving th	e documentation.			
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