

ICD-10 Follow On Class 1 Software Remediation

VistA Home Based Primary Care (HBPC)

Release Notes

HBH*1.0*25



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**Department of Veterans Affairs
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Product Development**

Table of Contents

1. Introduction	1
1.1. Purpose.....	1
1.2. Background	1
1.3. Scope of Changes.....	2
1.4. Dependencies.....	2
1.5. Documentation	2
2. Discharge Data Entry	3
2.1. Evaluation/Admission Data Report by Patient (80)	4
2.2. Discharge Data Report by Patient (80)	5
2.3. Admissions/Discharges by Date Range Report (132).....	5
2.4. Patient Visit Data Report (80).....	6
2.5. Visit Data by Date Range Report (80)	6
2.6. ICD Code/Dx Text by Date Range Report (80)	7
2.7. Active Census with ICD Code/Text Report (132).....	8
2.8. Form Errors Report (80).....	9
2.9. Ability to Print HBPC Reports	10
3. ICD-10 Searches	11
3.1. Searches and Look-Ups	11
4. Known Issue	13
5. Technical Information	14
5.1. Online Help for ICD-10 Codes	14

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1. Introduction

1.1. Purpose

The purpose of these Release Notes is to identify enhancements to the Home Based Primary Care (HBPC) package contained in patch HBH*1*25.

1.2. Background

On January 16, 2009, the Centers for Medicare & Medicaid Services (CMS) released a final rule for replacing the 30-year-old International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) code set with International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) and International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS) with dates of service or dates of discharge for inpatients that occur on or after the ICD-10 activation date.

The classification system consists of more than 68,000 codes, compared to approximately 13,000 ICD-9-CM codes. There are nearly 87,000 ICD-10-PCS codes, while ICD-9-CM has nearly 3,800 procedure codes. Both systems also expand the number of characters allotted from five and four respectively to seven alpha-numeric characters. This value does not include the decimal point, which follows the third character for the ICD-10-CM code set. There is no decimal point in the ICD-10-PCS code set. These code sets have the potential to reveal more about quality of care, so that data can be used in a more meaningful way to better understand complications, better design clinically robust algorithms, and better track the outcomes of care. ICD-10-CM also incorporates greater specificity and clinical detail to provide information for clinical decision making and outcomes research.

ICD-9-CM and ICD-10-CM Comparison

ICD-9-CM	ICD-10-CM
3-5 characters	3-7 characters (not including the decimal)
1st character is numeric (chapters 1-17) or alpha (E or V) (supplemental chapters)	Character 1 is alpha; character 2 is numeric;
2nd, 3rd, 4th and 5th characters are numeric	Characters 3–7 are alpha or numeric (alpha characters are not case sensitive)
Decimal after first 3 characters	Decimal is used after third character

ICD-9-CM and ICD-10-PCS Comparison

ICD-9-CM Procedure Codes	ICD-10-PCS
3-4 characters	7 alphanumeric characters
All characters are numeric	Characters can be either alpha or numeric. Letters O and I are not used to avoid confusion with the numbers 0 and 1.
All characters are numeric	Each character can be any of 34 possible values. The ten digits 0-9 and the 24 letters A-H, J-N and P-Z may be used in each character.
Decimal after first 2 characters	Does not contain decimals

1.3. Scope of Changes

NOTE: Existing ICD-9 functionality has not changed.

Patch HBH*1*25 makes the following changes to the HBPC application:

- Displays ICD-10-CM diagnosis codes and full descriptions / definitions.
 - ICD-10 diagnosis code up to 8 characters (including the decimal point that follows the third character).
 - Full descriptions/definitions.
 - ICD-10 label.

1.4. Dependencies

The following associated patches must be installed prior to installing Patch HBH*1*25.

- ICD*18.0*57
- LEX*2.0*80
- HBH*1.0*16
- HBH*1.0*22
- HBH*1.0*24

1.5. Documentation

The HBPC manuals are posted on the VistA Documentation Library (VDL) page:

<http://www.va.gov/vdl/application.asp?appid=68>

The following HBPC user manuals are updated with changes for HBH*1*25:

- Home Based Primary Care Technical Manual
- Home Based Primary Care User Manual

The following manuals are not updated for ICD-10:

- Home Based Primary Care Installation Guide
- Home Based Primary Care Package Security Guide

2. Discharge Data Entry

Note: The Date Of Interest is the Discharge Date.

The Discharge Data Entry option allows for entering, editing, and storing Discharge data for a patient including the diagnosis code (ICD-10 Code). The following screen shows all of the information including the Diagnosis for Discharge Data Entry.

Discharge Data Entry Data Display

```
Select HBPC Information System Menu Option:  Discharge Data Entry
Select HBHC PATIENT NAME:  HBPCPATIENT, FIVE      03-01-12   1-1-60   666878787
      NO      SC VETERAN
DISCHARGE DATE:  APR 30,2012//
ELIGIBILITY @ DISCHARGE:  Other Non-Service Connected  (05)
      //
MARITAL STATUS @ DISCHARGE:  Married  (1)//
LIVING ARRANGEMENTS @ D/C:  With Spouse  (2)//
DISCHARGE STATUS:  Transferred to Other Provider  (1)
      //
TRANSFER DESTINATION:  VA Provided Care  (1)//
TYPE OF DESTINATION AGENCY:  Not Determined  (9)//
PRIMARY DIAGNOSIS @ DISCHARGE:  HIV
```

14 matches found

1. B20. Human Immunodeficiency Virus [HIV] Disease
2. B97.35 Human Immunodeficiency Virus, Type 2 [HIV 2] as
the Cause of Diseases classified elsewhere
3. O98.711 Human Immunodeficiency Virus [HIV] Disease
Complicating Pregnancy, first Trimester
4. O98.712 Human Immunodeficiency Virus [HIV] Disease
Complicating Pregnancy, second Trimester
5. O98.713 Human Immunodeficiency Virus [HIV] Disease
Complicating Pregnancy, third Trimester
6. O98.719 Human Immunodeficiency Virus [HIV] Disease
Complicating Pregnancy, unspecified Trimester
7. O98.72 Human Immunodeficiency Virus [HIV] Disease
Complicating Childbirth
8. O98.73 Human Immunodeficiency Virus [HIV] Disease
Complicating the Puerperium

Press <RETURN> for more, "^" to exit, or Select 1-8:

9. R75. Inconclusive Laboratory Evidence of Human
Immunodeficiency Virus [HIV]
10. Z11.4 Encounter for Screening for Human
Immunodeficiency Virus [HIV]
11. Z20.6 Contact with and (Suspected) Exposure to Human
Immunodeficiency Virus [HIV]
12. Z21. Asymptomatic Human Immunodeficiency Virus [HIV]
Infection Status
13. Z71.7 Human Immunodeficiency Virus [HIV] Counseling
14. Z83.0 Family History of Human Immunodeficiency Virus
[HIV] Disease

Select 1-14:

2.1. Evaluation/Admission Data Report by Patient (80)

Primary Diagnosis @ Adm field value allows you to display, add, or edit code based on the current active code set on the given Admission date.

Evaluation/Admission Data Entry Data Display

Select HBHC PATIENT NAME: **HBPCPATIENT, FIVE** 1-1-40 000000005 YES SC VETERAN

Enrollment Priority: GROUP 2 Category: IN PROCESS End Date:

Are you adding 'HBPCPATIENT,FIVE' as a new HBHC PATIENT (the 9TH)? No// Y

(Yes)

```
HBHC PATIENT DATE: T (On or after the ICD-10 Activation Date)
DATE: FEB 29,2000// <RET>
STATE CODE: ANYSTATE // <RET>
COUNTY CODE: ANYCOUNTY (031)// <RET>
ZIP CODE: 66611// <RET>
ELIGIBILITY @ EVALUATION: Service Connected Less Than 50% (03)// <RET>
BIRTH YEAR: 1940
*** Contact MAS if value is incorrect. ***
PERIOD OF SERVICE: Vietnam (07)// <RET>
SEX: Male (1)
*** Contact MAS if value is incorrect. ***
RACE: White (1)
*** Contact MAS if value is incorrect. ***
MARITAL STATUS @ EVALUATION: Married (1)// <RET>
LIVING ARRANGEMENTS @ EVAL: 1 Alone (1)
LAST AGENCY PROVIDING CARE: 1 VA Provided Care (1)
TYPE OF LAST CARE AGENCY: 5 Hospice (5)
ADMIT/REJECT ACTION: 1 Admit to HBHC (1)
PRIMARY DIAGNOSIS @ ADMISSION: E57.123 MAL NEO PANCREAS BODY COMPLICATION/COMORBIDITY
SECONDARY DIAGNOSES @ ADM: F00.1 Dementia
D20.24 Neurological Disorder
B01.1 Infectious Disease
VISION @ ADMISSION: 2 Moderate Loss (2)
HEARING @ ADMISSION: 2 Moderate Loss (2)
EXPRESSIVE COMMUNICATION @ ADM: 1 Speaks and is Usually Understood (1)
RECEPTIVE COMMUNICATION @ ADM: 1 Usually Understands Oral Communication (1)
BATHING @ ADMISSION: 2 Receives Help (2)
DRESSING @ ADMISSION: 2 Receives Help (2)
TOILET USAGE @ ADMISSION: 2 Receives Help (2)
TRANSFERRING @ ADMISSION: 2 Receives Help (2)
EATING @ ADMISSION: 2 Receives Help (2)
WALKING @ ADMISSION: 3 Not Done or Done Without Patient Participation (3)
BOWEL CONTINENCE @ ADMISSION: 2 Incontinent Occasionally (2)
BLADDER CONTINENCE @ ADMISSION: 3 Incontinent or Ostomy/Catheter Not Self Care
(3)
MOBILITY @ ADMISSION: 3 Confined Indoors, Not Bed Disabled (3)
ADAPTIVE TASKS @ ADMISSION: 2 Requires Help (2)
BEHAVIOR PROBLEMS @ ADMISSION: 1 Does Not Exhibit This Characteristic (1)
DISORIENTATION @ ADMISSION: 1 Does Not Exhibit This Characteristic (1)
MOOD DISTURBANCE @ ADMISSION: 2 Exhibits This Characteristic (2)
CAREGIVER LIMITATIONS @ ADM: 1 Minimal or None (1)
PERSON COMPLETING EVL/ADM FORM: 100 HBPCPROVIDER,TWO HINES ISC
...OK? Yes// <RET> (Yes)
DATE EVAL/ADM FORM COMPLETED: T (FEB 29, 2014)
CASE MANAGER: 100 HBPCPROVIDER,TWO HINES ISC
```


2.2. Discharge Data Report by Patient (80)

The Primary Diagnosis @ D/C field value allows you to display, add, store and edit code based on the current active code set on the Discharge date.

```
Select HBHC PATIENT NAME: HBPCPATIENT,SEVEN 5-20-66 00000007
Enrollment Priority: GROUP 1 Category: IN PROCESS End Date:
01-03-14
DISCHARGE DATE: T (On or after the ICD-10 Activation Date)
ELIGIBILITY @ DISCHARGE: Service Connected 50% or More (01)
// <RET> Service Connected 50% or More (01)
MARITAL STATUS @ DISCHARGE: 1 Married (1)
LIVING ARRANGEMENTS @ D/C: 2 With Spouse (2)
DISCHARGE STATUS: 2 Anticipated Institutionalization (2)
TRANSFER DESTINATION: 2 Non VA Care (2)

TYPE OF DESTINATION AGENCY: 3 Nursing Home (3)
PRIMARY DIAGNOSIS @ DISCHARGE: E57.123 MAL NEO PANCREAS BODY
SECONDARY DIAGNOSES @ D/C: F00.1 Dementia
D20.24 Neurological Disorder
B01.1 Infectious Disease
E02.23 EARLY SKIN YAWS NEC
VISION @ DISCHARGE: 3 Severe Loss (3)
HEARING @ DISCHARGE: 3 Severe Loss (3)
EXPRESSIVE COMMUNICATION @ D/C: 4 Uses Only Gestures, Grunts, or Primitive Symbols (4)
RECEPTIVE COMMUNICATION @ D/C: 5 Does Not Understand (5)
BATHING @ DISCHARGE: 3 Not Done or Done Without Patient Participation (3)
DRESSING @ DISCHARGE: 3 Not Done or Done Without Patient Participation (3)
TOILET USAGE @ DISCHARGE: 3 Not Done or Done Without Patient Participation (3)
TRANSFERRING @ DISCHARGE: 3 Not Done or Done Without Patient Participation (3)
EATING @ DISCHARGE: 3 Not Done or Done Without Patient Participation (3)
WALKING @ DISCHARGE: 3 Not Done or Done Without Patient Participation (3)
BOWEL CONTINENCE @ DISCHARGE: 3 Incontinent or Ostomy/Catheter Not Self Care (3)
BLADDER CONTINENCE @ DISCHARGE: 3 Incontinent or Ostomy/Catheter Not Self Care (3)
MOBILITY @ DISCHARGE: 3 Confined Indoors, Not Bed Disabled (3)
ADAPTIVE TASKS @ DISCHARGE: 2 Requires Help (2)
BEHAVIOR PROBLEMS @ DISCHARGE: 1 Does Not Exhibit This Characteristic (1)
DISORIENTATION @ DISCHARGE: 2 Exhibits This Characteristic (2)
MOOD DISTURBANCE @ DISCHARGE: 2 Exhibits This Characteristic (2)
CAREGIVER LIMITATIONS @ D/C: 3 Moderately Severe (3)
PERSON COMPLETING D/C FORM: 100 HBPCPROVIDER,TWO HINES ISC
...OK? Yes// <RET> (Yes)
```

2.3. Admissions/Discharges by Date Range Report (132)

The column header showing the code set for the Date Range report displays based on the following:

Note: The column header in various ICD Code reports is customized to match the type of ICD code that appears in the report. If the report only covers ICD-9 era dates, the column header is ICD9; if the report covers only ICD-10 era dates, the column header is ICD10; and if the report covers both ICD-9 and ICD-10 era dates, the column header is ICD.

```
Select Admissions or Discharges: (A/D): Admissions
Beginning Report Date: 3/21/2014 (MAR 21, 2014)
Ending Report Date: T (MAR 28, 2014)
DEVICE: HOME// (Enter a device capable of printing 132 columns)
```

```
>>> HBPC Admissions by Date Range Report <<< Page: 1
Run Date: MAR 28, 2000 Date Range: MAR 21, 2014 to MAR 28, 2014
```

Admission Date	Patient Name	SSN	ICD10 Code	Diagnosis Text
11-03-14	HBPCPATIENT,EIGHT	000-00-0008	571.49	CHRONIC HEPATITIS NEC
12-02-14	HBPCPATIENT1,ONE	000-00-0011	230.2	CA IN SITU STOMACH
12-03-14	HBPCPATIENT,NINE	000-00-0009	231.0	CA IN SITU LARYNX
01-03-14	HBPCPATIENT,TWO	000-00-0002	147.8	MAL NEO NASOPHARYNX NEC
02-29-14	HBPCPATIENT,FIVE	000-00-0005	157.1	MAL NEO PANCREAS BODY
03-09-14	HBPCPATIENT1,TWO	000-00-0012	157.3	MAL NEO PANCREATIC DUCT
Total Admissions: 6				
==== End of Report ====				

2.4. Patient Visit Data Report (80)

Based on the current active code set, the report shows either ICD-9 or ICD-10 code with description in the visit data.

Beginning Report Date: 2/1/14 (FEB 01, 2014)
Ending Report Date: T (FEB 29, 2014)
DEVICE: HOME// (Enter a device)

>>> HBPC Patient: HBPCPATIENT,SEVEN 000-00-0007 Visit Data Report <<< Page: 1
Run Date: FEB 29, 2014 Date Range: FEB 01, 2014 to FEB 29, 2014

Admission Primary Diagnosis: **E57.123 MAL NEO PANCREAS BODY**

Visit Date: 02-10-2014 Prov No.: 102 Prov Name: HBPCPROVIDER,TWO
Diagnosis: I61.311 MAL NEO CARTILAGE LARYNX
CPT Code: 92502 EAR AND THROAT EXAMINATION
Modifier: - 26 PROFESSIONAL COMPONENT

==== End of Report ====

2.5. Visit Data by Date Range Report (80)

Based on the current active code set, the report shows either ICD-9 or ICD-10 code with description in the visit data.

Beginning Report Date: 5/29 (MAY 29, 2014)
Ending Report Date: 6/2 (JUN 02, 2014)

>>> HBPC Visit Data by Date Range Report <<< Page: 1
Provider: HBPCPROVIDER,TWO (152)

Run Date: JUN 02, 2000 Date Range: MAY 29, 2014 to JUN 02, 2014

Admission Primary Diagnosis: **E57.123 MAL NEO PANCREAS BODY**

=====
Visit Date: 06-02-2014 Patient Name: HBPCPATIENT,EIGHT Last 4: 0008

Diagnosis: I61.311 MAL NEO CARTILAGE LARYNX

CPT Code: 92502 EAR AND THROAT EXAMINATION

Modifier: - 26 PROFESSIONAL COMPONENT

Modifier: - 77 REPEAT PROCEDURE BY ANOTHER PHYSICIAN
=====

Provider: HBPCPROVIDER,TWO (152) Visits Total: 1

2.6. ICD Code/Dx Text by Date Range Report (80)

If the date range you enter is after the ICD-10 activation date, then the column header states "ICD10 Code/Diagnosis Text". If date range includes the ICD-10 activation date, then the column header states "ICD Code/Diagnosis Text".

If you do not wish to include all the ICD Diagnosis codes, then the "Select ICD Diagnosis:" prompt asks for ICD-10 codes if the date range is after the ICD-10 activation date. If date range includes the ICD-10 activation date, then the prompt inputs both ICD-9 and ICD-10 codes.

Note: This report has been renamed to "icd Code/Dx Text by Date Range Report".

Select Reports Menu Option: icd Code/Dx Text by Date Range Report (80)

Beginning Report Date: 1/1/14 (JAN 01, 2014)

Ending Report Date: t (APR 05, 2014)

Do you wish to include ALL ICD Diagnosis Codes on the report? No// (No)

Select ICD DIAGNOSIS: diet

12 matches found

1. E60. Dietary zinc deficiency (10/01/2013) (Pending)
2. E58. Dietary calcium deficiency (10/01/2013) (Pending)
3. E59. Dietary selenium deficiency (10/01/2013) (Pending)
4. D52.0 Dietary folate deficiency anemia (10/01/2013)
(Pending)
5. Z71.3 Dietary counseling and surveillance (10/01/2013)
(Pending)

Press <RETURN> for more, '^' to exit, or Select 1-5:

6. Z72.4 Inappropriate diet and eating habits (10/01/2013)
(Pending)
7. D51.3 Other dietary vitamin B12 deficiency anemia
(10/01/2013) (Pending)
8. Z91.11 Patient's noncompliance with dietary regimen
(10/01/2013) (Pending)
9. K52.2 Allergic and dietetic gastroenteritis and colitis
(10/01/2013) (Pending)
10. O24.430 Gestational diabetes in the puerperium, diet
controlled (10/01/2013) (Pending)

Press <RETURN> for more, '^' to exit, or Select 1-10:

11. O24.410 Gestational diabetes mellitus in pregnancy, diet

```

12. 024.420    controlled (10/01/2013) (Pending)
              Gestational diabetes mellitus in childbirth, diet
              controlled (10/01/2013) (Pending)

Select 1-12: 12

Do you wish to include ALL codes within category 024? Yes// (Yes)

Select ICD DIAGNOSIS:

```

2.7. Active Census with ICD Code/Text Report (132)

If the date range is after the ICD-10 activation date, then the column header states "ICD10 Code". If the date range includes the ICD-10 activation date, then the column header states "ICD Code".

```

Select OPTION NAME: HBHCRP18      Active Census with ICD Code/Text Report (132)
Active Census with ICD Code/Text Report (132)

Beginning Report Date: 1/1/13 (JAN 01, 2013)
Ending Report Date: T (APR 05, 2015)

>>> HBPC Active Census with ICD Code/Text Report <<<           Page: 1

Run Date: APR 05, 2015
Date Range: JAN 01, 2013 to APR 05, 2015

Patient Name           Last Four           Date
  ICD10 Code
              Diagnosis Text
=====
HBPCPATIENT, ONE      0001                JAN 05, 2014
  436.
              CVA
-----
HBPCPATIENT, TWO      0002                JAN 06, 2014
  428.0
              CONGEST HEART FAIL UNSPECIFIED
-----
HBPCPATIENT, THREE    0003                JAN 27, 2014
  564.1
              IRRITABLE BOWEL SYNDROME
-----
HBPCPATIENT, FOUR     0004                JAN 04, 2014
  250.40
              DMI I RENL NT ST UNCNTRLD
-----
HBPCPATIENT, FIVE     0005                JAN 05, 2014
  185.
              MALIGN NEOPL PROSTATE
-----
HBPCPATIENT, SIX      0006                JAN 25, 2014
  429.1
              MYOCARDIAL DEGENERATION
-----
=====
Active Census Total: 6
=====

==== End of Report ====

```

2.8. Form Errors Report (80)

Based on the current active code set, the report shows either ICD-9 or ICD-10 code with description in the visit data.

```
Select OPTION NAME: HBHCRP1
  1  HBHCRP1      Form Errors Report  (80)
  2  HBHCRP10    Program Census Report  (80)
  3  HBHCRP11    Team Census Report  (80)
  4  HBHCRP12    Episode of Care/Length of Stay Report  (80)
  5  HBHCRP16    Rejections from HBPC Program Report  (132)
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 1  HBHCRP1      Form Errors Report  (80)
Form Errors Report  (80)
DEVICE: HOME//    UCX/TELNET

      >>> HBPC Form Errors Report <<<                               Page: 1

Run Date: APR 05, 2012

Patient                               Last
File IEN  Patient Name                Four  Visit Clinic Name        Date                Form
-----
`7171882  HBPCTEST,TWO                    0201  HBPC Test Clinic        APR 04, 2012@14:15
Visit
Error:  Provider Missing
ICD:    244.0  POSTSURGICAL HYPOTHYROID
ICD:    215.7  BENIGN NEO TRUNK NOS
CPT:    85025  COMPLETE CBC W/AUTO DIFF WBC  QTY:    1  CPT Code Prov #:
-----
`7171881  HBPCTEST,ONE                    0101  HBPC Test Clinic        APR 04, 2012@15:00
Visit
Error:  HBHC Provider Number Missing
Provider:  HBPCPROVIDER, ONE                Encounter Prov #:    1946
ICD:    * 428.0  CONGEST HEART FAIL UNSPECIFIED *  Primary Dx
ICD:    496.    CHR AIRWAY OBSTRUCT NEC
CPT:    85025  COMPLETE CBC W/AUTO DIFF WBC  QTY:    1  CPT Code Prov #:
1946
-----

Note:  Please use Appointment Management to Correct Visit Errors.  Run
       Edit Form Errors Data option when corrections are complete.

==== End of Report ====
```

2.9. Ability to Print HBPC Reports

The VistA HBPC package prints the ICD-10 diagnosis code up to 8 characters (including the decimal point that follows the third character) for all known Secondary Diagnosis @ Adm. for the Patient on the various **Data Report by Patient** Reports.

Note: This report is now titled "HBPC Active Census with ICD Code/Text Report".

HBPC Active Census with ICD10 Code/Text Report

Beginning Report Date: 1/1/2013 (JAN 01, 2013)
Ending Report Date: 12/31/2013 (DEC 31, 2013)
DEVICE: HOME// (Enter a device that prints 132 columns)

>>> HBPC Active Census with ICD10 Code/Text Report <<< Page: 1

Run Date: MAR 29, 2014 Date Range: JAN 01, 2013 to DEC 31, 2013

Patient Name	SSN	Date	ICD Code	Diagnosis Text
HBPCPATIENT,EIGHT	000-00-0008	NOV 03, 2013	E16.844	CHR PULMON HEART DIS NEC
HBPCPATIENT1,SIX	000-00-0016	DEC 02, 2013	E16.844	CHR PULMON HEART DIS NEC

Active Census Total: 64

==== End of Report ====

3. ICD-10 Searches

The HBPC package provides the ability to search on ICD-10-CM diagnosis codes and ICD-10-PCS procedure codes.

NOTE: Existing ICD-9 functionality has not changed.

3.1. Searches and Look-Ups

Note: The Date Of Interest is the Admission Date.

The software utilizes new Application Program Interfaces (APIs) to perform the Look-ups and searches. The searches may return more matches than can be displayed on a single screen.

1. To perform a search or look-up, you can enter any of the following:
 - A valid ICD-10 code.
 - A partial ICD-10 code.
 - A partial description of a valid ICD-10 code.
2. If you select a valid ICD-10 code, the software will continue to the next function.
3. If you select one partial ICD-10 code (i.e., a branch node denoted by a trailing "-"), all of the immediate descendants of that branch node display.
4. Step 3 repeats until you select a valid ICD-10 code.

The example below shows the new ICD-10 search API drilling down two levels to select a valid ICD-10 code.

Step #1: You enter the first three characters (**F14**) of a valid ICD-10 code.

Result: The software displays the total number of entries that match the three character input (20), a numbered list of matching codes, their descriptions, and designates leaf nodes matches.

```
ICD-10 Diagnosis code: F14 <enter>
20 matches found
  1. F14.10    Cocaine Abuse, Uncomplicated
  2. F14.12-  Cocaine abuse with intoxication
  3. F14.14    Cocaine Abuse with Cocaine-Induced Mood Disorder
  4. F14.15-  Cocaine abuse with cocaine-induced psychotic disorder
  5. F14.18-  Cocaine abuse with other cocaine-induced disorder
  6. F14.19    Cocaine Abuse with unspecified Cocaine-Induced Disorder
  7. F14.20    Cocaine Dependence, Uncomplicated
  8. F14.21    Cocaine Dependence, in Remission
```

Step #2: You review the list and select entry #4 (**F14.15-**), which is a branch node.

Result: The software displays the total number of entries that match the partial ICD-10 code F14.15, a numbered list of matching code(s), their descriptions, and whether the entry is a branch (-) or a leaf node. In this example, there are three matches and all three of them are valid ICD-10 codes (no “-“ at the end of the code).

```
3 matches found
  1. F14.150  Cocaine Abuse with Cocaine-Induced Psychotic
                Disorder with Delusions (ICD-10-CM F14.150)
  2. F14.151  Cocaine Abuse with Cocaine-Induced Psychotic
                Disorder with Hallucinations (ICD-10-CM F14.151)
  3. F14.159  Cocaine Abuse with Cocaine-Induced Psychotic
                Disorder, unspecified (ICD-10-CM F14.159)

Select 1-3:  2 <enter>
```

Step #3: Review the list and select entry #2 (F14.151), which is a valid ICD-10 code.

Result: The software displays the valid ICD-10 code as well as the code's full description on the next line.

```
ICD-10 Diagnosis code: F14.151
ICD-10 Diagnosis description: Cocaine Abuse with Cocaine-Induced Psychotic
Disorder with Hallucinations (ICD-10-CM F14.151)
```

If the Admission date is updated, and that the new active coding system is different from the previously entered Primary Diagnosis @ Admission's coding system, then the Primary Diagnosis is deleted.

4. Known Issue

The ICD-10 Class I Remediation project will update VistA to include the ICD-10 Diagnosis and Procedure codes. The first patches to be delivered by this project will be the STS patches ICD*18.0*57 and LEX*2.0*80 which will include both the ICD-10 Diagnosis and Procedure codes along with new or updated APIs that will be used by the other VistA applications to select, retrieve and display these new codes.

Several VistA applications do not currently utilize code set versioning. Those applications are Prosthetics, Home Based Primary Care, and Laboratory: Anatomic Pathology. As a result, these applications currently allow inactive ICD-9 codes to be displayed and selected for ICD-9 dates of service.

During the interim, after the installation of the STS ICD-10 Class I Remediation patches and prior to the ICD-10 Implementation date (10/01/2014), these applications will also allow the display and selection of inactive ICD-10 codes including statuses of (Inactive) or (Pending). The users of these applications should use CAUTION to select ICD-9 or ICD-10 codes that are appropriate and active.

The following examples show how the software appears in these applications:

EXAMPLE 1: Inactive ICD-9 codes

The warning (Inactive) appears at the end of the short description.

```
Select ICD DIAGNOSIS: 100.0// 488.1

4 matches found

1. 488.1    FLU DT IDEN H1N1 VIRUS (Inactive)
2. 488.11  FLU DT 2009 H1N1 W PNEU (Major CC)
3. 488.12  FLU-2009 H1N1 W OTH RESP
4. 488.19  FLU-2009 H1N1 W OTH MAN (Inactive)

Select 1-4:

Select ICD DIAGNOSIS:
```

EXAMPLE 2: Inactive ICD-10 codes

The warning (Pending) appears at the end of the short description.

```
Select ICD DIAGNOSIS: 100.0// A27.

4 matches found

1. A27.0    Leptospirosis icterohemorrhagica (10/01/2014) (Pending)
2. A27.81  Aseptic meningitis in leptospirosis (10/01/2014) (Pending)
3. A27.89  Other forms of leptospirosis (10/01/2014) (Pending)
4. A27.9    Leptospirosis, unspecified (10/01/2014) (Pending)
```

When creating or editing records dated after the ICD-10 Activation Date, the software will correctly screen out both the inactive ICD-9 and inactive ICD-10 codes.

5. Technical Information

5.1. Online Help for ICD-10 Codes

Help text (?) and extended help text (?, ??) is included for prompts related to ICD-10 codes. Below are screen displays of the new HBPC help text feature in Evaluation/Admission Data Entry and Discharge Data Entry.

HBPC Help Text Display for Evaluation/Admission Data Entry

```
Evaluation/Admission Data Entry
Discharge Data Entry
Reports Menu ...
Transmission Menu ...
Manager Menu ...
Medical Foster Home (MFH) Menu ...

Select HBPC Information System Menu Option: evaluation/Admission Data Entry
Select HBPC PATIENT NAME: HBPCTEST, ONE      7-4-28      000331029      YES
SC VETERAN      DC
Enrollment Priority: GROUP 1      Category: ENROLLED      End Date:

      ...OK? Yes//      (Yes)

      1      HBPCTEST, ONE      01-20-09
      2      HBPCTEST, ONE      01-25-13
CHOOSE 1-2: 2 HBPCTEST, ONE      01-25-13

*** Record contains Discharge data indicating a Complete Episode of Care
***

DATE: JAN 25,2013//
STATE CODE: WYOMING//
COUNTY CODE: LARAMIE (021)//
ZIP CODE: 82009//
ELIGIBILITY @ EVALUATION: Service Connected 50% or More (01)
//

BIRTH YEAR: 1928
*** Contact MAS if value is incorrect. ***

PERIOD OF SERVICE: Vietnam (07)//

SEX: Male (1)
*** Contact MAS if value is incorrect. ***

RACE: Obsolete Field Jan 2003

MARITAL STATUS @ EVALUATION: Married (1)//
LIVING ARRANGEMENTS @ EVAL: With Spouse (2)//
LAST AGENCY PROVIDING CARE: VA Provided Care (1)
//
TYPE OF LAST CARE AGENCY: Community-Based Services (6)
//
```

ADMIT/REJECT ACTION: Admit to HBHC (1)//

PRIMARY DIAGNOSIS @ ADMISSION: **f**

Please enter at least the first two characters of the ICD-10 code or code description to start the search.

PRIMARY DIAGNOSIS @ ADMISSION: **?**

Enter code or "text" for more information.

PRIMARY DIAGNOSIS @ ADMISSION: **??**

Enter a "free text" term or part of a term such as "femur fracture".

or

Enter a "classification code" (ICD/CPT etc) to find the single term associated with the code.

or

Enter a "partial code". Include the decimal when a search criterion includes 3 characters or more for code searches.

PRIMARY DIAGNOSIS @ ADMISSION: **???**

Number of Code Matches

The ICD-10 Diagnosis Code search will show the user the number of matches found, indicate if additional characters in ICD code exist, and the number of codes within the category or subcategory that are available for selection. For example:

14 matches found

M91. - Juvenile osteochondrosis of hip and pelvis (19)

This indicates that 14 unique matches or matching groups have been found and will be displayed.

M91. - the "-" indicates that there are additional characters that specify unique ICD-10 codes available.

(19) Indicates that there are 19 additional ICD-10 codes in the M91 "family" that are possible selections.

PRIMARY DIAGNOSIS @ ADMISSION:

HBPC Help Text Display for Discharge Data Entry

Evaluation/Admission Data Entry
Discharge Data Entry
Reports Menu ...
Transmission Menu ...
Manager Menu ...
Medical Foster Home (MFH) Menu ...

Select HBPC Information System Menu Option: discharge Data Entry
Select HBHC PATIENT NAME: HBPCTEST, TWO 3-8-18 000448404
 YES SC VETERAN DC
Enrollment Priority: GROUP 1 Category: NOT ENROLLED End Date: 10/10/2010

 1 HBPCTEST, TWO 04-29-09
 2 HBPCTEST, TWO 08-05-10
CHOOSE 1-2: 2 HBPCTEST, TWO 08-05-10
DISCHARGE DATE: JAN 25,2013//
ELIGIBILITY @ DISCHARGE: Service Connected 50% or More (01)
 //
MARITAL STATUS @ DISCHARGE: Married (1)//
LIVING ARRANGEMENTS @ D/C: Not Determined (9)//
DISCHARGE STATUS: Anticipated Institutionalization (2)
 //
TRANSFER DESTINATION: VA Provided Care (1)//
TYPE OF DESTINATION AGENCY: Hospice (5)//
PRIMARY DIAGNOSIS @ DISCHARGE: f

Please enter at least the first two characters of the ICD-10 code or code description to start the search.

PRIMARY DIAGNOSIS @ DISCHARGE: ?

Enter code or "text" for more information.

PRIMARY DIAGNOSIS @ DISCHARGE: ??

Enter a "free text" term or part of a term such as "femur fracture".

or

Enter a "classification code" (ICD/CPT etc) to find the single term associated with the code.

or

Enter a "partial code". Include the decimal when a search criterion includes 3 characters or more for code searches.

PRIMARY DIAGNOSIS @ DISCHARGE: ???

Number of Code Matches

The ICD-10 Diagnosis Code search will show the user the number of matches found, indicate if additional characters in ICD code exist, and the number of codes within the category or subcategory that are available for selection. For example:

14 matches found

M91. - Juvenile osteochondrosis of hip and pelvis (19)

This indicates that 14 unique matches or matching groups have been found and will be displayed.

M91. - the "-" indicates that there are additional characters that specify unique ICD-10 codes available.

(19) Indicates that there are 19 additional ICD-10 codes in the M91 "family" that are possible selections.

PRIMARY DIAGNOSIS @ DISCHARGE:

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