

ICD-10 Follow On Class 1 Software Remediation Project
Quality Audiology and Speech Analysis and Reporting
(QUASAR)

Application Version 3.21

Release Notes

ACKQ*3*21



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1. Introduction

1.1. Purpose

The purpose of these Release Notes is to identify enhancements to the Quality Audiology and Speech Analysis and Reporting (QUASAR) package contained in patch ACKQ*3*21.

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
13,000 codes (approximately)	68,000 codes (approximately)
3-5 characters	3-7 characters (not including the decimal)
Character 1 is numeric or alpha (E or V)	Character 1 is alpha; character 2 is numeric
Characters 2 - 5 are numeric	Characters 3-7 are alpha or numeric (alpha characters are not case sensitive)
Decimal after first 3 characters	Same

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 ACKQ*3*21 makes the following changes to the QUASAR application:

- Provides the ICD-10-CM Diagnosis short description on the screens and in reports.
- Help text has been modified to accommodate ICD-10 implementation. The Help prompts the user to enter an ICD code rather than an ICD-9 code.

The reports impacted are:

- Visits by Diagnosis – via the *A&SP Reports* menu option
- Tailor-Made A&SP Reports – via the *A&SP Reports* menu option
- Print A&SP Capitation Report – via the *Management Reports A&SP* menu option
- Print A&SP File Entries (A&SP DIAGNOSTIC CONDITION file (#509850.1))

1.4. Documentation

The QUASAR manuals are posted on the VistA Documentation Library (VDL) (<http://www.va.gov/vdl/application.asp?appid=97>).

The following QUASAR user manuals are updated with changes for ACKQ*3*21:

- Technical Manual
- User Manual

The following manual does not exist for this package:

- Security Guide

NOTE: Security Information is contained within the *Technical/Pkg Security Manual*.

The following manuals exist on the VDL but are not updated for this package:

- Install/Implement Guide for ACKQ*3.0*13
- Technical Manual – Audiometric Exam Module

2. ICD Code Searches

QUASAR continues to utilize the Diagnosis Dictionary for search functionality, but now users can search for both ICD-9 and ICD-10 codes. Short descriptions of codes are displayed with the search results.

NOTE: Existing ICD-9 functionality has not changed.

3. Modified Screens

The following screens have been modified to accommodate ICD-10 codes:

- New/Edit Visit Entry Screens
- Patient Inquiry Screen

3.1. New Visit Entry Screen and Edit Visit Entry Screens

The New Visit Entry screen and the Edit Visit Entry screen have been updated to reflect either ICD-9 and/or ICD-10 codes.

Example of New Visit Entry Screen or Edit Visit Entry Screen

```
QUASAR V 3.      NEW VISIT ENTRY  OR EDIT VISIT ENTRY
Patient Diagnostic History
Ms. QUASARPATIENT has been seen for the following:
```

DIAGNOSIS	DATE ENTERED
-	
ICD-9-CM	
389.18 SENSORHL HEAR LOSS, BILAT	03/16/06
388.31 SUBJECTIVE TINNITUS	03/16/06
ICD-10-CM	
H90.3 SENSORHL HEAR LOSS, BILAT	10/15/15
H93.1 TINNITUS, BILAT	10/15/15

3.2. Patient Inquiry Screen

The Patient Inquiry screen has been updated to reflect either ICD-9 and/or ICD-10 codes.

Example of Patient Inquiry Screen

```
Patient Inquiry
Patient Diagnostic History
Ms. QUASARPATIENT has been seen for the following:
```

DIAGNOSIS	DATE ENTERED
-	
ICD-9-CM	
389.18 SENSORHL HEAR LOSS, BILAT	03/16/06
388.31 SUBJECTIVE TINNITUS	03/16/06
ICD-10-CM	
H90.3 SENSORHL HEAR LOSS, BILAT	10/15/15
H93.1 TINNITUS, BILAT	10/15/15

4. Modified Reports

The following reports have been modified to accommodate ICD-10 codes:

- Visits by Diagnosis
- Tailor-Made A&SP Reports
- Print A&SP Capitation Report
- Print A&SP File Entries

4.1. Visits by Diagnosis

The Visits by Diagnosis report has been updated to reflect both ICD-9 and ICD-10 codes.

NOTE: If the date range does not include ICD-10 data, the report does not indicate ICD-9 code designation.

Example of Visits by Diagnosis Report

```
Audiology & Speech Pathology
Diagnostic Code Statistics
for
XXXXXXXXXX
Covering Visits from 01/01/09 to 10/15/15
For Division: NASHVILLE
-----
STOP CODE: SPEECH PATHOLOGY

CLINIC: SPEECH PATH - CHRISTY

CLINICIAN: XXXXXXXXX
ICD-9 DIAGNOSIS
  141.9      MALIG NEO TONGUE NOS          COUNT:    3
  386.54    HYPOACT LABYRINTH BILAT      COUNT:    1
  387.9      OTOSCLEROSIS NOS              COUNT:    1
  V41.2      PROBLEMS WITH HEARING      COUNT:    1
  V53.2      ADJUSTMENT HEARING AID        COUNT:    2
  V57.3      SPEECH-LANGUAGE THERAPY    COUNT:    1
  V70.5      HEALTH EXAM-GROUP SURVEY  COUNT:    1
ICD-10 DIAGNOSIS
  F07.0      PERSONALITY CHANGE DUE TO KNOWN  COUNT    1
             PHYSIOLOGICAL CONDITION:
  G31.84     MILD COGNITIVE IMPAIRMENT, SO STATED  COUNT:    1
Enter RETURN to continue or '^' to exit:

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Audiology & Speech Pathology
Diagnostic Code Statistics
For Division: NASHVILLE
Summary
-----
STOP CODE: SPEECH PATHOLOGY
  141.9      MALIG NEO TONGUE NOS          COUNT:    3
```

386.54	HYPOACT LABYRINTH BILAT	COUNT:	1
387.9	OTOSCLEROSIS NOS	COUNT:	1
F07.0	PERSONALITY CHANGE DUE TO KNOWN PHYSIOLOGICAL CONDITION:	COUNT	1
G31.84	MILD COGNITIVE IMPAIRMENT, SO STATED	COUNT:	1
V41.2	PROBLEMS WITH HEARING	COUNT:	1
V53.2	ADJUSTMENT HEARING AID	COUNT:	2
V57.3	SPEECH-LANGUAGE THERAPY	COUNT:	1
V70.5	HEALTH EXAM-GROUP SURVEY	COUNT:	1
Total For SPEECH PATHOLOGY			12
Total For Division: NASHVILLE			12
Enter RETURN to continue or '^' to exit:			

4.2. A&SP Clinic Visit Report

The A&SP Clinic Visit report has been updated to reflect both ICD-9 and ICD-10 codes.

Example of Clinic Visit Report

A&SP CLINIC VISIT LIST		NOV 22, 2013	13:22	PAGE 1	
PATIENT NAME	DATE	PRIMARY PROVIDER	TIME SPENT (minutes)	DIAGNOSTIC CODE	

-					
QUASARPATIENT1,TWO	AUG 16, 1999	QUASARPROVIDER, SIX	30	388.12	
QUASARPATIENT1,ONE	AUG 16, 1999	QUASARPROVIDER, SIX	25	388.1	
QUASARPATIENT1,FOUR	OCT 15, 2015	QUASARPROVIDER, SIX	30	H93.19	

NOTE: CDR and audiometric fields in QUASAR are obsolete. CDR is no longer used and the audiometric functionality was replaced by GUI QUASAR (audiometric module).

5. Technical Information

5.1. Routines

The following QUASAR routines were added to accommodate the ICD-10 code set:

Routine Name	Function
ACKQ3P21	Stores ICD-10 Diagnosis data
ACKQ3P22	Stores ICD-10 Diagnosis data
ACKQ3P23	Stores ICD-10 Diagnosis data
ACKQ3P24	Stores ICD-10 Diagnosis data
ACKQ3P25	Stores ICD-10 Diagnosis data
ACKQ3P26	Stores ICD-10 Diagnosis data
ACKQ3P27	Stores ICD-10 Diagnosis data
ACKQ3P28	Stores ICD-10 Diagnosis data
ACKQ3P29	Stores ICD-10 Diagnosis data
ACKQ3P30	Stores ICD-10 Diagnosis data
ACKQ3P31	Stores ICD-10 Diagnosis data
ACKQAICD	Utility to determine whether or not to use ICD-9 or ICD-10 codes

5.2. Online Help for ICD-10 Codes

Help text has been updated for ICD-10 Diagnosis codes.

Changes to Online Help Text

```
Select DIAGNOSTIC CODE: 141.9// ?
```

```
  Answer with DIAGNOSTIC CODE
```

```
  Choose from:
```

```
  141.9
```

```
  V53.2
```

```
  V53.2
```

```
  V57.3
```

```
  V70.5
```

```
  You may enter a new DIAGNOSTIC CODE, if you wish
```

```
  Enter an ICD code for this clinic visit.
```

```
  The diagnostic code must be active and consistent with the stop code.
```

```
  Answer with A&SP DIAGNOSTIC CONDITION CODE
```

```
  Do you want the entire A&SP DIAGNOSTIC CONDITION List?
```

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