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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Product Development

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# Introduction

## 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.

## 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 |

## 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)

## 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

# 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.

# Modified Screens

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

* New/Edit Visit Entry Screens
* Patient Inquiry Screen

## 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 ENTRYPatient Diagnostic History Ms. QUASARPATIENT has been seen for the following:DIAGNOSIS DATE ENTERED------------------------------------------------------------------------------ICD-9-CM389.18   SENSONRL HEAR LOSS, BILAT 03/16/06388.31   SUBJECTIVE TINNITUS 03/16/06ICD-10-CMH90.3     SENSONRL HEAR LOSS, BILAT 10/15/15H93.1     TINNITUS, BILAT 10/15/15 |

## 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 InquiryPatient Diagnostic HistoryMs. QUASARPATIENT has been seen for the following:DIAGNOSIS DATE ENTERED------------------------------------------------------------------------------ICD-9-CM389.18   SENSONRL HEAR LOSS, BILAT 03/16/06388.31   SUBJECTIVE TINNITUS 03/16/06ICD-10-CMH90.3     SENSONRL HEAR LOSS, BILAT 10/15/15H93.1     TINNITUS, BILAT 10/15/15 |

# 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

## 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 XXXXXXXX Covering Visits from 01/01/09 to 10/15/15 For Division: NASHVILLE-----------------------------------------------------------------------------STOP CODE: SPEECH PATHOLOGYCLINIC: SPEECH PATH - CHRISTY CLINICIAN: XXXXXXXXICD-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: 1ICD-10 DIAGNOSIS F07.0 PERSONALITY CHANGE DUE TO KNOWN COUNT 1 PHYSIOLOGICAL CONDITION:  G31.84 MILD COGNITIVE IMPAIRMENT, SO STATED COUNT: 1Enter RETURN to continue or '^' to exit: Printed: 10/15/15 at 09:42 Page: 2 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 COUNT 1 PHYSIOLOGICAL CONDITION:  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: 1Total For SPEECH PATHOLOGY 12Total For Division: NASHVILLE 12Enter RETURN to continue or '^' to exit: |

## 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

 TIME

 SPENT DIAGNOSTIC

PATIENT NAME DATE PRIMARY PROVIDER (minutes) 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).

# Technical Information

## 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 |

## 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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