

Clinical Case Registries (CCR)

Version 1.5



Release Notes

September 2015

Patch ROR*1.5*25

**Department of Veterans Affairs
Office of Enterprise Development
Health Data Systems – Registries**

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Revision History

Date	Description	Author	Role
September 2015	Final release for Patch ROR*1.5*25. See Table 1 for details.	J.S. T.K. E.M. K.R.	Project Manager M Developer Delphi Developer Technical Writer
April 2015	Final release for Patch ROR*1.5*27. See Table 1 for details.	J.S. T.K. E.M.	Project Manager M Developer Delphi Developer
October 2014	Final release for Patch ROR*1.5*24. See Table 1 for details.	J.S. T.K. L.T. E.M.	Project Manager M Developer Software Quality Assurance Analyst Delphi Developer
August 2014	Final release for Patch ROR*1.5*22. See <i>User Manual</i> for details.	J.S. T.K. L.T. E.M.	Project Manager M Developer Software Quality Assurance Analyst Delphi Developer
April 2014	Final release for Patch ROR*1.5*21. See <i>User Manual</i> for details.	J.S. T.K. L.T. E.M.	Project Manager M Developer Software Quality Assurance Analyst Delphi Developer
March 2013	Final release for Patch ROR*1.5*20. See <i>User Manual</i> for details.	J.S. C.R. S.B. E.M. K.J.	Project Manager M Developer Software Quality Assurance Analyst Delphi Developer Tech Writer

Date	Description	Author	Role
August 2012	Final release for Patch ROR*1.5*18. See <i>User Manual</i> for details.	J.S. C.R. L.B. E.M. D.Z.	Project Manager M Developer Software Quality Assurance Analyst Delphi Developer Tech Writer
April 2012	Final release for Patch ROR*1.5*17. See <i>User Manual</i> for details.	J.S. C.R. L.B. E.M. D.Z.	Project Manager M Developer Software Quality Assurance Analyst Delphi Developer Tech Writer
September 2011	Final release for Patch ROR*1.5*15. See <i>User Manual</i> for details.	J.S. C.R. L.B. E.M. D.Z.	Project Manager M Developer Software Quality Assurance Analyst Delphi Developer Tech Writer
March 2011	Patch ROR*1.5*14. See <i>User Manual</i> for details.	V.D. A.S. L.B. E.M.	Tech Writer M Developer Software Quality Assurance Analyst Delphi Developer
September 2010	Final release for Patch ROR*1.5*13. See <i>User Manual</i> for details.	K.R.	Project Manager
April 2010	Final release for Patch ROR*1.5*10: See <i>User Manual</i> for details.	E.M. A.S. L.B. V.J.M.	Delphi Developer M Developer Software Quality Assurance Analyst Technical Writer

Date	Description	Author	Role
July 2009	Patch ROR*1.5*8: See <i>User Manual</i> for details.	K.R. E.M. V.C. A.S. L.B. VJ.M.	Project Manager Delphi Developer M Developer M Developer Software Quality Assurance Analyst Technical Writer
July 2008	Patch ROR*1.5*7: See <i>User Manual</i> for details.	Unknown	Unknown
May 2008	Patch ROR*1.5*6: See <i>User Manual</i> for details.	Unknown	Unknown
March 2008	Patch ROR*1.5*5: See <i>User Manual</i> for details.	Unknown	Unknown
December 2007	Patch ROR*1.5*4: See <i>User Manual</i> for details.	Unknown	Unknown
November 2007	Patch ROR*1.5*3: See <i>User Manual</i> for details.	Unknown	Unknown
October 2007	Patch ROR*1.5*2: See <i>User Manual</i> for details.	C.B	Unknown
October 2006	Patch ROR*1.5*1: See <i>User Manual</i> for details.	C.L	Unknown
February 2006	Completely updated for CCR Version 1.5	Unknown	Unknown
June 2002	Initial release of CCR Version 1.0	Unknown	Unknown

1.0 Introduction

The Clinical Case Registries (CCR) software application collects data on the population of veterans with certain clinical conditions, namely Hepatitis C and Human Immunodeficiency Virus (HIV) infections at the local and national level as well as 25 local, generic registries.

Data from the registries is used for both clinical and administrative reporting on both a local and national level. Each facility can produce local reports (information related to patients seen in their system). Reports from the national database are used to monitor clinical and administrative trends, including issues related to patient safety, quality of care, and disease evolution across the national population of patients.

The software uses pre-defined selection rules that identify patients with possible Hepatitis C and/or HIV (such as a disease related *International Statistical Classification of Diseases and Related Health Problems*, ninth edition—commonly abbreviated as “ICD-9” or *International Statistical Classification of Diseases and Related Health Problems*, tenth edition—commonly abbreviated as “ICD-10”—code or a positive result on an antibody test) and adds them to the registry in a pending state. Pending patients are reviewed by the local registry coordinator and if the data confirm the diagnosis, the local registry coordinator confirms the patient in the registry.

Each night a background process transmits a set of predefined data via [Health Level 7 \(HL7\)](#) message to the national CCR database at the [Corporate Data Center Operations \(CDCO\)](#). Data from both the Hepatitis C and HIV registries, and the local registries, are aggregated in the same message. If there is more new data than is allowed by the registry parameter for a single CCR HL7 batch message (the current limit is 5 megabytes), the software will send several messages during a single night. The CCR software creates a limited set of database elements to be stored locally in the [Veterans Health Information Systems and Technology Architecture \(VistA\)](#) system, and focuses on assuring that the local listing is complete and accurate, that the desired data elements are extracted, and that data elements are appropriately transmitted to the national database.

The registries at each facility will store selected HIV and Hepatitis C data from 1985 to the present.

CCR provides these key features:

- Automates the development of a local list of patients with evidence of HIV or Hepatitis C infection.
- Automatically transmits patient data from the local registry lists to a national database.
- Provides robust reporting capabilities.

CCR also provides the following functions:

- Facilitates the tracking of patient outcomes relating to treatment.

- Identifies and tracks important trends in treatment response, adverse events, and time on therapy.
- Monitors quality of care using both process and patient outcome measures.

1.1 Purpose

These Release Notes cover the new features provided to Clinical Case Registries (CCR) users in patch ROR*1.5*25.

NOTE: Patch ROR*1.5*25 is available only as part of the ICD-10 PTF File Modifications project along with six other patches, which are being released within a single Kernel Installation & Distribution System (KIDS) host file ICD_10_PTF_MODIFICATIONS.KID. The GUI portion of the ROR*1.5*25 patch will still be released as a separate .zip file. Refer to the ICD-10 PTF Modifications Installation Guide for installation details as no individual installation guide will be provided for this patch.

1.2 Audience

This document targets users and administrators of the Clinical Case Registries (CCR) product and applies primarily to the changes made between this newest release and previous release packages of the software.

2.0 What's New with ROR*1.5*25

Patch ROR*1.5*25 includes maintenance modifications to version 1.5 of the Clinical Case Registries (CCR) application that update some ICD-10 functions in the existing software capabilities. ROR*1.5*25 contains the following enhancements (E), modifications (M) and fixes (F):

Table 1 – Changes for Patch 25

#	Description	Type
1	Modification of the HL7 nightly extract job Registry Update & Data Extraction [ROR TASK] to extract up to 25 ICD-10 diagnoses and procedures.	M
2	Modification of the selection logic for all CCR reports that screen the output based on diagnosis to check the additional fields added to the PTF file for ICD-10.	M
3	A modification to the HL7 nightly extract Admitting Diagnosis segment to only extract the data from the PTF file (#45) for the PRINCIPAL DIAGNOSIS pre-1986 field (#80) if the PRINCIPAL DIAGNOSIS field (#79) does not contain any data.	F

Table 2 – Global Updates for Patch ROR*1.5*25

File Name and Number	Update
ROR METADATA(#799.2)	New entries “SECONDARY DIAGNOSIS 10”, “SECONDARY DIAGNOSIS 11”, “SECONDARY DIAGNOSIS 12”, “SECONDARY DIAGNOSIS 13”, “SECONDARY DIAGNOSIS 14”, “SECONDARY DIAGNOSIS 15”, “SECONDARY DIAGNOSIS 16”, “SECONDARY DIAGNOSIS 17 “ “SECONDARY DIAGNOSIS 18”, “SECONDARY DIAGNOSIS 19”, “SECONDARY DIAGNOSIS 20”, “SECONDARY DIAGNOSIS 21”, “SECONDARY DIAGNOSIS 22”, “SECONDARY DIAGNOSIS 23”, “SECONDARY DIAGNOSIS 24”

3.0 Obtaining Software and Documentation

The CCR 1.5 software distributives and documentation files are available for downloading from the following Office of Information Field Offices (OIFO) [ANONYMOUS SOFTWARE] directories.

Table 3 – Software and Documentation Sources

OIFO	FTP Address	Directory
Albany	ftp.fo-albany.med.va.gov	ANONYMOUS . SOFTWARE
Hines	ftp.fo-hines.med.va.gov	ANONYMOUS . SOFTWARE
Salt Lake City	ftp.fo-slc.med.va.gov	ANONYMOUS . SOFTWARE

Table 4 – Files Included in Distribution

File Name	Contents	Retrieval Format
ROR1_5P25GUI.ZIP	Zipped GUI distributive	BINARY
ROR1_5P25DOC1.ZIP	Zipped DOC distributive, which includes both .PDF and .DOC formats: <ul style="list-style-type: none"> User Manual (ROR1_5_25UM) 	BINARY
ROR1_5P25DOC2.ZIP	<ul style="list-style-type: none"> Technical Manual / Security Guide (ROR1_5_25TM) 	BINARY

File Name	Contents	Retrieval Format
	<ul style="list-style-type: none"> <li data-bbox="570 304 1032 336">• Release Notes (ROR1_5_25RN) 	

Patch ROR*1.5*25 is available only as part of the ICD-10 PTF File Modifications project along with six other patches, which are being released within a single Kernel Installation & Distribution System (KIDS) host file ICD_10_PTF_MODIFICATIONS.KID. Refer to the ICD-10 PTF Modifications Installation Guide for installation details as no individual installation guide will be provided for this patch.

4.0 VistA Documentation on the Intranet

Documentation for this product, including all of the software manuals, is available in the VistA Document Library (VDL). The Clinical Case Registries documentation may be found at <http://www.va.gov/vdl/application.asp?appid=126>.

For additional information about the CCR, access the CCR Home Page at the following address: <http://VistA.med.va.gov/ClinicalSpecialties/CCR/>.

Training links and information are also available at <http://vaww.VistAu.med.va.gov/VistAu/CCR/>. The PTF installation documentation may be found at <http://www.va.gov/vdl/application.asp?appid=126>.

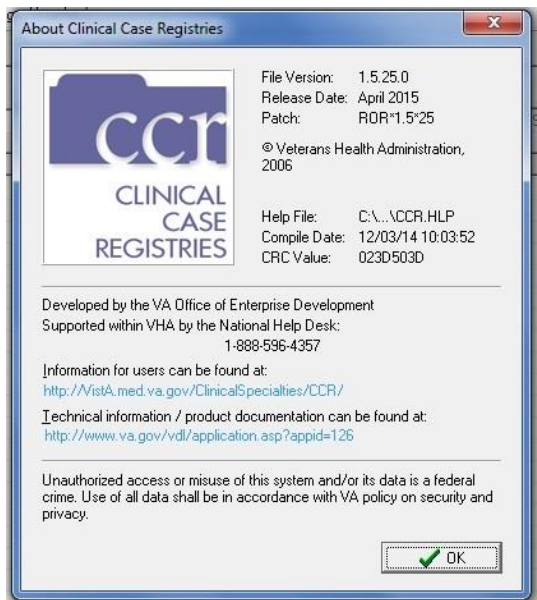
5.0 Specific Instructions

Refer to the *CCR Installation and Implementation Guide* for CCR system installation instructions. Refer to the ICD-10 PTF Modifications Installation Guide for instructions to install patch ROR*1.5*25.

6.0 Matching GUI Version to Patch

WARNING If the GUI and VistA software versions do not match, users may encounter problems with the application. For example, if the site has installed Patch ROR*1.5*25, users' GUI installations should also be at Patch level 25. Users can determine the GUI version by using the **Help | About CCR** menu option.

Figure 1: About Clinical Case Registries Screen



This menu option displays the **About Clinical Case Registries** screen. It shows basic information about the current file version including the release date, patch number, similar to the screen shown here where the Clinical Case Registries software was developed and the software compile date. Click [OK] or press the < Esc > key to close the pane.

Since CCR 1.5.10, this window meets current VA GUI Standards and Conventions requirements. Users may download the latest GUI software as outlined in [3.0 above](#).

7.0 Known Issues

There are no known issues associated with patch ROR*1.5*25.