

# Clinical Case Registries (CCR)

*Version 1.5*



## Release Notes

*Documentation Revised June 2024*

*For Patch ROR\*1.5\*42*

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

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# Revision History

Date	Description	Author / Role
June, 2024	Final release for Patch ROR*1.5*42. See <a href="#">Table 1</a> for details.	See CCR Redacted document for the list of authors and roles.
April, 2023	Final release for Patch ROR*1.5*41. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
November, 2022	Final release for Patch ROR*1.5*40. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
January, 2022	Final release for Patch ROR*1.5*39. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
June, 2021	Final release for Patch ROR*1.5*38. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
November, 2020	Final release for Patch ROR*1.5*37. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
May, 2020	Final release for Patch ROR*1.5*36. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
November, 2019	Final release for Patch ROR*1.5*35. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
March, 2019	Final release for Patch ROR*1.5*34. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
July, 2018	Final release for Patch ROR*1.5*33. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
April, 2018	Final release for Patch ROR*1.5*32. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
November, 2017	Final release for Patch ROR*1.5*31. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
May, 2017	Final release for Patch ROR*1.5*30. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
December, 2016	Final release for Patch ROR*1.5*29. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
May, 2016	Final release for Patch ROR*1.5*28. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
November, 2015	Final release for Patch ROR*1.5*26. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.

<b>Date</b>	<b>Description</b>	<b>Author / Role</b>
September, 2015	Final release for Patch ROR*1.5*25. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
April, 2015	Final release for Patch ROR*1.5*27. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
October, 2014	Final release for Patch ROR*1.5*24. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
August, 2014	Final release for Patch ROR*1.5*22. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
April, 2014	Final release for Patch ROR*1.5*21. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
March, 2013	Final release for Patch ROR*1.5*20. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
August, 2014	Final release for Patch ROR*1.5*19. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
August, 2012	Final release for Patch ROR*1.5*18. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
April, 2012	Final release for Patch ROR*1.5*17. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
September, 2011	Final release for Patch ROR*1.5*15. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
March, 2011	Patch ROR*1.5*14. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
September, 2010	Final release for Patch ROR*1.5*13. See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
April, 2010	Final release for Patch ROR*1.5*10: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
July, 2009	Patch ROR*1.5*8: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
July, 2008	Patch ROR*1.5*7: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
May, 2008	Patch ROR*1.5*6: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
March, 2008	Patch ROR*1.5*5: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
December, 2007	Patch ROR*1.5*4: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
November, 2007	Patch ROR*1.5*3: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
October, 2007	Patch ROR*1.5*2: See <i>User Manual</i> for details.	See CCR Redacted document for the list of authors and roles.
October 2006	Patch ROR*1.5*1: See <i>User Manual</i> for details.	See CCR Redacted document for

Date	Description	Author / Role
		the list of authors and roles.
February 2006	Completely updated for CCR Version 1.5	See CCR Redacted document for the list of authors and roles.
June 2002	Initial release of CCR Version 1.0	See CCR Redacted document for the list of authors and roles.

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# 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 51 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).

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 CCRHL7 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\*42.

## 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\*42

Patch ROR\*1.5\*42 includes enhancement modifications to version 1.5 of the Clinical Case Registries (CCR) application that correct inherent shortcomings in the existing software and enhance other existing capabilities. ROR\*1.5\*42 contains the following enhancements (E), modifications (M) and fixes (F):

**Table 1 – Changes for Patch 42**

#	Description	Type
1	<p>This patch adds the following new medication:</p> <ul style="list-style-type: none"> <li>HIV registry: LENACAPAVIR</li> </ul> <p>The new medication has been added to the ROR GENERIC DRUG (#799.51) file and can now be selected on reports to provide information about the patients who are taking the new medication.</p>	M
2	<p>The VA TRANSGENDER registry is inactivated. The REGISTRY STATUS field (#11) of the ROR REGISTRY PARAMETERS (#798.1) file for this registry is set to 1 (i.e., INACTIVE). The daily update process will no longer update this registry. Also, this registry will no longer appear in the list of registries displayed to the users so they will not be able to select it.</p>	M
3	<p>The Graphical User Interface (GUI) now supports the latest changes to the RPC Broker package. The latest Personal Identity Verification (PIV) certificate will be selected automatically, however, a new "/showcerts" command line switch was added to allow the user to display the PIV certificate selection screen in case it is needed.</p>	E
4	<p>The version of the CCR software is updated to 1.5.42</p>	E

**Table 2 – Global Updates for Patch ROR\*1.5\*42**

File Name and Number	Update
ROR REGISTRY PARAMETERS (#798.1)	<i>Entries modified:</i> VA TRANSGENDER
ROR GENERIC DRUG (#799.51)	<i>Entries new:</i>

File Name and Number	Update
	HIV registry: LENACAPAVIR

### 3.0 Obtaining Software and Documentation

The CCR 1.5 software distributives and documentation files are available for downloading from the following locations.

**Table 3 – Software and Documentation Sources**

Name	Address	Directory
VistA downloads	See CCR Redacted document	SOFTWARE

**Table 4 – Files Included in Distribution**

File Name	Contents	Retrieval Format
ROR1_5P42GUI.ZIP	Zipped GUI distributive	BINARY
ROR1_5P42DOC1.ZIP	Zipped DOC distributive, which includes both .PDF and .DOCX formats: <ul style="list-style-type: none"> <li>▶ User Manual (ROR1_5_42UM)</li> </ul>	BINARY
ROR1_5P42DOC2.ZIP	<ul style="list-style-type: none"> <li>▶ Installation and Implementation Guide (ROR1_5_42IG)</li> <li>▶ Technical Manual / Security Guide (ROR1_5_42TM)</li> <li>▶ Release Notes (ROR1_5_42RN)</li> </ul>	BINARY

Patch ROR\*1.5\*42 is available in the National Patch Module on FORUM<sup>1</sup> as a PackMan message.

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<sup>1</sup> FORUM is the VA’s national-scale email system. FORUM uses the VistA mail software and provides an excellent interface for threaded messages that can take the form on ongoing discussions. The national patch module is a VistA application that helps developers to manage the numbering, inventory, and release of patches. Patches are developed in response to request submissions and an error reporting request system known as National Online Information Sharing. A process called the Kernel Installation Distribution System (KIDS) is used to roll up patches into text messages that can be sent to sites a long with installation instructions. The patch builds are sent as text messages via

## 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>.

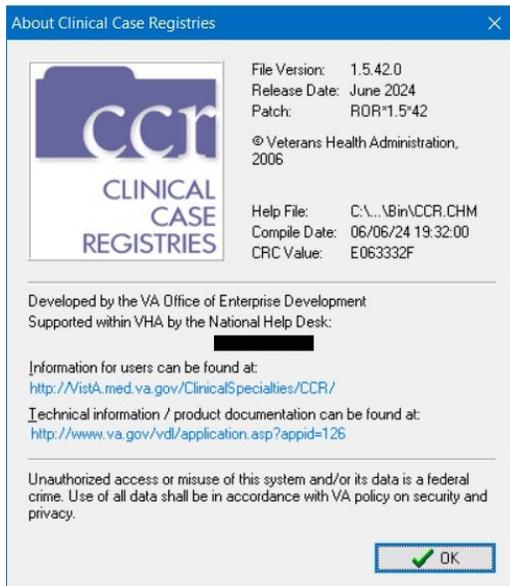
For additional information about the CCR, access the CCR Home Page at the following address: See **CCR Redacted document**.

## 5.0 Specific Instructions

(See the *CCR Installation and Implementation Guide* for installation instructions.)

## 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\*42, users' **GUI** installations should also be at Patch level 42. Users can determine the **GUI** version by using the **Help | About CCR** menu option.



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.

**Figure 1 – Help | About Pane**

email, and the recipient (e.g., a site administrator) can run a PackMan function to unpack the KIDS build and install the selected routines.

See **CCR Redacted document**.

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