



# ***Clinical Case Registries***

## ***Release Notes***

***Version 1.5***

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***Health Systems Design and Development***

***Provider Systems***

# Introduction

The Clinical Case Registries (CCR) application collects data on the population of veterans with certain clinical conditions, namely hepatitis C and Human Immunodeficiency Virus (HIV) infection. This version of the CCR software has been significantly redesigned to provide access to the HIV Case Registry (CCR:HIV) and Hepatitis C Case Registry (CCR:HEPC) from a single interface.

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 ICD-9 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 confirms the diagnosis, the local registry coordinator confirms the patient in the registry.

A nightly background process transmits a set of predefined data via HL7 to the national CCR database at the Austin Automation Center (AAC) managed by the VHA Center for Quality Management in Public Health. Data from both registries is aggregated in the same message. The CCR software creates a limited set of database elements to be stored locally in the 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.

## ***What's new in CCR v1.5***

This new version of CCR introduces a single software package to support both the Hepatitis C Registry and the HIV Registry (former Immunology Case Registry or ICR). Previously, these two registries were created and maintained through two separate software packages.. The functional requirements for these registries were substantially the same, so they have been combined.

## **Decommissioning of Immunology Case Registry v 2.1**

Patients from ICR version 2.1 were migrated to CCR:HIV during the installation of the patch ROR\*1\*5 (March 2004). After the transitional period when the two packages were used concurrently, the ICR v2.1 was removed from service by the patch IMR\*2.1\*21 (October 2005).

## **Decommissioning of Hepatitis C Case Registry v 1.0**

HCCR version 1.0 will be removed from service with the release of CCR v1.5. Historical patient data from the previous Hepatitis C Registry has been migrated to CCR:HepC.

## **Automatic Pending Case Identification**

Patients with laboratory evidence or registry-related ICD-9 codes will be identified by the system and their records will be added to the registry with a status of Pending. The registry coordinator or designee will need to periodically review the list of pending patients and confirm any patients that have been verified to have a registry-related condition such as HIV or Hepatitis C.

Users will not be permitted to manually enter patients.

Patients confirmed into the registry can be completely deleted from the registry. For example, if a pending patient is determined to not actually have the condition (due to a false positive screening test result, etc.), the registry coordinator will delete that patient.

The official patient registry status codes are now ‘pending’ or ‘confirmed’ Inactive’ is no longer an option.

## **‘Local Fields’ for customizing local registry specific data**

In the CCR GUI for both the HIV and Hepatitis C registries, users with administrator keys will be able to define data collection attributes and assign names to them. These local fields will serve as manual toggles in the Patient Data Editor and as filters that can be used in the report selection panels. Titles and descriptions of local fields can be edited as free text fields without deleting all associated information.

## **New Report for CCR: Procedures**

The user can select multiple CPT codes to produce a report that will list all patients who had the selected CPT codes in the selected date range.

## **Required Entry of Risk Behavior Information**

(CCR:HIV only) In order to confirm “Pending” patients into the registry in CCR:HIV v1.5, registry coordinators must complete the Patient History tab questions in the Patient Data Editor. If a patient’s HIV risk behaviors are not known, an “Unknown” checkbox allows users to complete the questionnaire initially, then update the answers when more information is available.

## Obtaining Software and Documentation

The CCR software (ROR 1\_5) and documentation files are available for downloading from the following Office of Information Field Offices' (OIFOs) ANONYMOUS SOFTWARE directories.

OIFO	FTP Address	Directory
Albany	<a href="ftp.fo-albany.med.va.gov">ftp.fo-albany.med.va.gov</a>	ANONYMOUS.SOFTWARE
Hines	<a href="ftp.fo-hines.med.va.gov">ftp.fo-hines.med.va.gov</a>	ANONYMOUS.SOFTWARE
Salt Lake City	<a href="ftp.fo-slc.med.va.gov">ftp.fo-slc.med.va.gov</a>	ANONYMOUS.SOFTWARE

The CCR software and accompanying guides and manuals are distributed as the following set of files:

File Name	Contents	Retrieval Format	File Size
ROR1_5.KID	KIDS build	ASCII	3,140 KB
ROR1_5GUI.ZIP	Zipped GUI distributive	BINARY	7,171 KB
ROR1_5DOC.ZIP	Zipped DOC distributive, includes both PDF and DOC formats: <ul style="list-style-type: none"><li>▶ Installation Guide (ROR1_5IG)</li><li>▶ Release Notes (ROR1_5RN)</li><li>▶ Technical Manual (ROR1_5TM)</li><li>▶ User Manual (ROR1_5UM)</li></ul>	BINARY	4,280 KB

## VistA Documentation on the Intranet

Documentation for this product, including all of the clinical software manuals, is available in the VistA Document Library (VDL). Access the VDL at <http://www.va.gov/vdl/>, then click the **Clinical Case Registries** link to locate and download the documentation.

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/>.