



DIBBs eCR Viewer

User Guide

Release 6.0.16.2-GA

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Version History

Version	Author	Reviewed By	Revision Date	Revision Notes
1.0	Emma Stephenson	Matt Goldberg, Mary Yeh	10/29/2024	Draft document created in support of 6.0.16.2 beta release
2.0	Emma Stephenson	Rebecca Fisher, Angela Dunn	11/14/2024	Revisions to support the 6.0.16.2 GA release
3.0	Emma Stephenson	Michael Wodajo	12/3/2024	Final revision for 6.0.16.2 GA release



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1 Overview

This guide walks you through the eCR Viewer's nine features so you can successfully navigate the interface to find the information you need.

2 eCR Viewer Features

2.1 eCR Summary

The eCR Summary displays key information in a summary at the top of the eCR document. It's divided into three categories: Patient Summary, Encounter Summary, and Condition Summary.

eCR Summary

Patient Summary	
Patient Name	Drew Dunlap
DOB	12/08/1989
Sex	Female
Patient Address	999 Single Lane Beverly Hills, CA 90210, USA
Patient Contact	Home: +1-615-999-9999 Mobile: +1-615-999-9999 drew.dunlap@gmail.com

Encounter Summary	
Encounter Date/Time	Start: 02/18/2022 9:01 AM End: 02/18/2022 10:47 AM
Encounter Type	Ambulatory Transcribe Orders
Encounter Diagnosis	COVID-19
Encounter Reason	Dull chest pain
Facility Name	Vanderbilt University Adult Hospital of Vanderbilt University Medical Center
Facility Contact	Work: 1-615-322-5000

Condition Summary 3 CONDITIONS FOUND	
Viral hepatitis type C (disorder)	
RCKMS Rule Summary	Detection of Hepatitis C virus antibody in a clinical specimen by any method
Clinical Sections Relevant to Reportable Condition	
No matching clinical data found in this eCR	
Lab Results Relevant to Reportable Condition	
Hepatitis C IgG w/Rfx PCR	ABNORMAL
Disease caused by severe acute respiratory syndrome coronavirus 2 (disorder)	
Plague (disorder)	

Each category contains the following information to help you understand the eCR document at a glance:



Patient Summary

- Patient Name
- DOB
- Sex
- Patient Address
- Patient Contact

Encounter Summary

- Encounter Date/Time
- Encounter Type
- Encounter Diagnosis
- Encounter Reason
- Facility Name
- Facility Contact

Condition Summary

- Reportable Condition
- RCKMS Rule Summary
- Clinical Sections Relevant to Reportable Condition*
- Lab Results Relevant to Reportable Condition*

* To determine which sections of the eCR document are relevant to each reportable condition, we use the codes published by CSTE for eRSD. We aim to make the Condition Summary as accurate as possible so that it saves you time in finding data within an eCR. However, in some cases, the Condition Summary may display more or less information than what's relevant to the reportable condition.

When there's more than one Reportable Condition associated with an individual eCR, the Condition Summary section will display how many conditions were found in the eCR and will let you see the relevant condition information for each Reportable Condition:

Condition Summary 3 CONDITIONS FOUND

Viral hepatitis type C (disorder) —

RCKMS Rule Summary Detection of Hepatitis C virus antibody in a clinical specimen by any method

Clinical Sections Relevant to Reportable Condition

No matching clinical data found in this eCR

Lab Results Relevant to Reportable Condition

Hepatitis C IgG w/Rfx PCR **ABNORMAL**

+

Disease caused by severe acute respiratory syndrome coronavirus 2 (disorder) +

Plague (disorder) +

When the eCR Viewer is accessed through NBS, and NBS is able to pass along a Condition Code (e.g., COVID-19), the corresponding Reportable Condition section within the Condition Summary will be expanded by default.

COVID specified:

Condition Summary 3 CONDITIONS FOUND

Viral hepatitis type C (disorder) +

Disease caused by severe acute respiratory syndrome coronavirus 2 (disorder) —

RCKMS Rule Summary Detection of SARS-CoV-2 nucleic acid in a clinical or post-mortem specimen by any method

COVID-19 (as a diagnosis or active problem)

Clinical Sections Relevant to Reportable Condition

Active Problem	Onset Date	Onset Age
COVID toes	07/13/2022	33

Lab Results Relevant to Reportable Condition

SARS-CoV-2 PCR **ABNORMAL**

+

Plague (disorder) +

Otherwise, if NBS isn't able to pass along a Condition Code, the first condition in the list of Reportable Conditions will be expanded by default.

No condition specified:

Condition Summary
3 CONDITIONS FOUND

Viral hepatitis type C (disorder)
—

RCKMS Rule Summary
Detection of Hepatitis C virus antibody in a clinical specimen by any method

Clinical Sections Relevant to Reportable Condition
No matching clinical data found in this eCR

Lab Results Relevant to Reportable Condition

Hepatitis C IgG w/Rfx PCR
ABNORMAL
+

Disease caused by severe acute respiratory syndrome coronavirus 2 (disorder)
+

Plague (disorder)
+

2.2 Consistent Organization

We've grouped the full eCR document into five main sections:

- **Patient Info**
- **Encounter Info**
- **Clinical Info**
- **Lab Info**
- **eCR Metadata**

No matter who sent the eCR, every eCR you view in the eCR Viewer will look the same. The ordering of the five main sections, as well as the fields within those sections, is always the same, so you can quickly scroll through the eCR to find the information you're looking for.

2.2.1 Patient Info

This section includes all information about the patient, split into two categories: Demographics and Social History.

Fields currently available include:

Demographics

- Patient Name
- DOB
- Current Age
- Vital Status
- Date of Death
- Sex
- Race
- Ethnicity
- Tribal Affiliation
- Preferred Language
- Patient Address
- County



- Country
- Contact
- Emergency Contact
- Patient IDs

Social History

- Pregnancy Status
- Tobacco Use
- Smoking Status
- Alcohol Use
- Travel History
- Occupation
- Disability Status
- Homeless Status
- Sexual Orientation
- Gender Identity
- Marital Status
- Religious Affiliation

2.2.2 Encounter Info

This section includes all information relevant to where the patient was seen for the medical encounter, split into three categories: Encounter Details, Facility Details, and Provider Details.

Fields currently available include:

Encounter Details

- Encounter Date/Time
- Encounter Type
- Encounter ID
- Encounter Diagnosis
- Encounter Reason
- Encounter Care Team
 - Member
 - Role
 - Status
 - Dates

Facility Details

- Facility Name
- Facility Address
- Facility Contact
- Facility Contact Address
- Facility Type
- Facility ID



Provider Details

- Provider Name
- Provider Address
- Provider Contact
- Provider Facility Name
- Provider Facility Address
- Provider ID

2.2.3 Clinical Info

This section includes all medical information about the patient other than lab results. It's split into five categories: Clinical Notes, Symptoms and Problems, Treatment Details, Immunizations, and Diagnostics and Vital Signs.

Fields currently available include:

Clinical Notes

- Miscellaneous Notes

Symptoms and Problems

- Reason for Visit
- Problems List
 - Active Problem
 - Onset Date
 - Onset Age
- History of Present Illness

Treatment Details

- Plan of Treatment
 - Name
 - Type
 - Priority
 - Associated Diagnoses
 - Date/Time
- Care Team
 - Member
 - Role
 - Status
 - Dates
- Administered Medications
 - Medication Name
 - Start Date
- Procedures
 - Name
 - Date Performed



- Reason

Immunizations

- Immunization History
 - Name
 - Administration Dates
 - Dose Number
 - Manufacturer
 - Lot Number

Diagnostics and Vital Signs:

- Diagnostic Imaging
- Vital Signs
 - Vital Reading
 - Result
 - Date/Time
- Clinical Tests

2.2.4 Lab Info

This section includes all lab results included in the eCR, organized by where the labs were performed (i.e. all labs that happened at the same facility are grouped together).

Fields available for each Lab Organization include:

- Performing Lab Name
- Lab Address
- Lab Contact
- Number of Results

Fields available for each Lab Result include:

- Result Name
 - Component
 - Value
 - Ref Range
 - Test Method
 - Lab Comment
- Analysis Time
- Collection Time
- Received Time
- Specimen Source
- Anatomical Location/Laterality
- Narrative
- Resulting Agency Comment



- Authorizing Provider
- Result Type

2.2.5 eCR Metadata

This section includes all of the information about the eCR document itself and who sent it, split into four categories: RR Details, eICR Details, and eICR Author Details, and eICR Custodian Details.

Fields currently available include:

RR Details:

- Reportability Summary
 - Reportable Condition
 - RCKMS Rule Summary
 - Jurisdiction Sent eCR
- eRSD Warnings
 - Warning
 - Version in Use
 - Expected Version
 - Suggested Solution

eICR Details:

- eICR ID
- Date/Time eCR Created
- eICR Release Version
- EHR Manufacturer Model Name
- EHR Software Name

eICR Author Details:

- Author Name
- Author Address
- Author Contact
- Author Facility Name
- Author Facility Address
- Author Facility Contact

eICR Custodian Details:

- Custodian ID
- Custodian Name
- Custodian Address
- Custodian Contact



2.3 Easy Navigation

You can use the side navigation to skip to any section within the eCR. It's always visible as you scroll so you can see where you are within the document and quickly move to different sections.

ADAM TEST 01/01/1970

eCR Summary

eCR Document

Patient Info

Demographics

Social History

Encounter Info

Encounter Details

Clinical Info

Symptoms and Problems

Immunizations

Lab Info

Lab Results from PROVIDENCE ST. JOSEPH MEDICAL

eCR Metadata

RR Details

eICR Details

eCR Sender Details

Unavailable Info

Immunizations

Immunization History

Name	Administration Dates	Dose Number	Manufacturer	Lot Number
MENINGOCOCCAL CONJUGATE,MENACTRA (PED/ADOL/ADULT)	11/16/2020	No data	Sanofi Pasteur	1
TDAP, (ADOL/ADULT)	11/10/2020	No data	Sanofi Pasteur	369258741
HEP A (ADULT) 2 DOSE	11/11/2011	No data	No data	No data
DTAP-HIB-IPV (PENTACEL)	04/16/2010	No data	No data	No data
HEP B (PED,ADOLESCENT) 3 DOSE	03/21/1974	No data	No data	No data

Lab Info

Lab Results from PROVIDENCE ST. JOSEPH MEDICAL

Lab Performing Name	PROVIDENCE ST. JOSEPH MEDICAL CENTER LABORATORY (CLIA 05D0672675)
Lab Address	501 S. Buena Vista Street Burbank, CA 91505
Lab Contact	818-847-6000
Number of Results	2



2.4 Simplified Visual Design

The eCR Viewer uses [USWDS](#) (U.S. Web Design System) components and styling to create a simple and easy to understand look and feel. Data is standardized in repeated formats (i.e. tables, lists, notes) so you can expect formatting for data fields to look the same across different providers and conditions.

Drew Dunlap 12/08/1989

Search by keyword

eCR Summary

eCR Document

Patient Info

Demographics

Social History

Encounter Info

Encounter Details

Facility Details

Provider Details

Clinical Info

Symptoms and Problems

Treatment Details

Immunizations

Diagnostics and Vital Signs

Lab Info

Lab Results from VUMC Cerner Lab

eCR Metadata

RR Details

eICR Details

eICR Author Details for Practitioner

eICR Custodian Details

Unavailable Info

Clinical Info

Symptoms and Problems

Reason for Visit

Patient complains of sore throat. It started 3 day(s) ago. Associated symptoms include non-productive cough that she believes in associated with taking Lisinopril. States believes sore throat due to constant cough. Treatments tried: Over-the-counter medications (Robitussin for cough and Tylenol Sinus) with no relief.

Problems List

Active Problem	Onset Date	Onset Age
COVID toes	07/13/2022	33
Chest pain on breathing	05/26/2022	33
Type 1 diabetes	02/28/2022	33
Plague pneumonia	06/16/2021	32
Absence of menstruation	06/12/2018	29
Foot Callus	08/22/2017	28

History of Present Illness

A previously healthy 34 year old female complaining of progressive nonproductive cough for 2 months. She became more short of breath with exertion in the last week, and states that she has lost 10 lbs in the last 4 months despite having a good appetite. She has had chills mostly at night for about the same period.

Treatment Details

Plan of Treatment

Pending Results

Name	Type	Priority	Associated Diagnoses	Date/Time
------	------	----------	----------------------	-----------

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This document has been developed by Skylight under a contract with the
U.S. Centers for Disease Control and Prevention – Department of Health and Human Services.



2.5 Collapsible Sections

The main sections in the eCR Viewer are collapsible so you can hide sections you don't need to see:

ADAM TEST 01/01/1970

eCR Summary

eCR Document

Patient Info

Demographics

Social History

Encounter Info

Encounter Details

Clinical Info

Symptoms and Problems

Immunizations

Lab Info

Lab Results from PROVIDENCE ST. JOSEPH MEDICAL

eCR Metadata

RR Details

eCR Details

eCR Sender Details

Unavailable Info

Condition Summary 2 CONDITIONS FOUND

Shigellosis (disorder) +

Salmonella infection (disorder) +

eCR Document [Expand all sections](#) [Collapse all sections](#)

Displays entire eCR and RR documents to help you dig further into eCR data

Patient Info +

Encounter Info +

Clinical Info +

Lab Info +

eCR Metadata +

Unavailable Info +



All lab results are also collapsed by default so you can see them all at a glance and click into the labs that you're interested in to see the full details:

PETER PAN EPICTEST 02/17/1986

eCR Summary

eCR Document

Patient Info

Demographics

Encounter Info

Encounter Details

Clinical Info

Symptoms and Problems

Treatment Details

Lab Info

Lab Results from HOAG MEMORIAL HOSPITAL

eCR Metadata

RR Details

eICR Details

eCR Sender Details

Unavailable Info

Lab Info

Lab Results from HOAG MEMORIAL HOSPITAL

Lab Performing NameHOAG MEMORIAL HOSPITAL NEWPORT BEACH LABORATORY (CLIA 05D0578635)

Lab AddressOne Hoag Drive
Newport Beach, CA
92663, USA

Lab Contact949-764-5600

Number of Results10

[Expand all labs](#) | [Collapse all labs](#)

Drugs Of Abuse Comprehensive Screen, Ur **ABNORMAL**

+

Drugs Of Abuse Comprehensive Screen, Ur

+

Drugs Of Abuse Comprehensive Screen, Ur **ABNORMAL**

+

CA 19-9, Quant

+

CA 125, Quant **ABNORMAL**

+

CEA **ABNORMAL**

+

PSA, Diagnostic **ABNORMAL**

+



2.6 More Data Available

The eCR Viewer allows you to see more data than what's currently available by default in the HTML or surveillance system views by incorporating information from both the eICR and RR documents into a single view. We also extract more data from the eICR XML than is shown in the default HTML view.

For example, with the eCR Viewer, you can see all of the reportable conditions for the eCR, why the eCR was triggered, and which jurisdictions the eCR was sent to, all of which come from the RR data.

ADAM TEST 01/01/1970

eCR Summary

eCR Document

Patient Info

Demographics

Social History

Encounter Info

Encounter Details

Clinical Info

Symptoms and Problems

Immunizations

Lab Info

Lab Results from PROVIDENCE ST. JOSEPH MEDICAL

eCR Metadata

RR Details

eICR Details

eCR Sender Details

Unavailable Info

eCR Metadata

RR Details

Reportability Summary

Reportable Condition	RCKMS Rule Summary	Jurisdiction Sent eCR
Salmonella infection (disorder)	Detection of Salmonella species and serovars nucleic acid (except <i>S. typhi</i> and <i>S. paratyphi</i> nucleic acid) in a clinical specimen by any method	California Department of Public Health
		Los Angeles County Department of Public Health
Shigellosis (disorder)	Detection of Enteroinvasive E coli (EIEC) nucleic acid in a clinical specimen by any method	California Department of Public Health
		Los Angeles County Department of Public Health
	Detection of Shigella species nucleic acid in a clinical specimen by any method	California Department of Public Health
		Los Angeles County Department of Public Health

2.7 Unavailable Data

With the eCR Viewer, you can quickly see what data is missing in an eCR so you don't have to wonder whether you can't find the data or if it's just not there. All of the unavailable fields are consolidated at the bottom of the eCR for quick scanning.



ADAM TEST 01/01/1970

eCR Summary

eCR Document

Patient Info

Demographics

Social History

Encounter Info

Encounter Details

Clinical Info

Symptoms and Problems

Immunizations

Lab Info

Lab Results from
PROVIDENCE ST. JOSEPH
MEDICAL

eCR Metadata

RR Details

eICR Details

eCR Sender Details

Unavailable Info

Unavailable Info

Demographics

Tribal Affiliation *No data*Preferred Language *No data*County *No data*

Social History

Occupation *No data*Travel History *No data*Homeless Status *No data*Pregnancy Status *No data*Alcohol Use *No data*Sexual Orientation *No data*Gender Identity *No data*Occupation *No data*

Encounter Details

Facility Contact *No data*

Clinical Notes

Miscellaneous Notes *No data*



2.8 Search Within an eCR

The DIBBs eCR Viewer includes a search bar at the top so you can search for what you're looking for within an eCR.

Drew Dunlap 12/08/1989

Search by keyword

eCR Summary

eCR Document

Patient Info

Demographics

Social History

Encounter Info

Encounter Details

Facility Details

Provider Details

Clinical Info

Symptoms and Problems

Treatment Details

Immunizations

Diagnostics and Vital Signs

Lab Info

Lab Results from VUMC Cerner Lab

eCR Metadata

RR Details

eICR Details

eICR Author Details for Practitioner

eICR Custodian Details

Unavailable Info

eCR Summary

Patient Summary

Patient Name	Drew Dunlap
DOB	12/08/1989
Sex	Female
Patient Address	999 Single Lane Beverly Hills, CA 90210, USA
Patient Contact	Home: +1-615-999-9999 Mobile: +1-615-999-9999 drew.dunlap@gmail.com

Encounter Summary

Encounter Date/Time	Start: 02/18/2022 9:01 AM End: 02/18/2022 10:47 AM
Encounter Type	Ambulatory Transcribe Orders
Encounter Diagnosis	COVID-19
Encounter Reason	Dull chest pain
Facility Name	Vanderbilt University Adult Hospital of Vanderbilt University Medical Center
Facility Contact	Work: 1-615-322-5000

Condition Summary 3 CONDITIONS FOUND

Viral hepatitis type C (disorder)	—
RCKMS Rule Summary	Detection of Hepatitis C virus antibody in a clinical specimen by any method
Clinical Sections Relevant to Reportable Condition	



2.9 Fixed Patient Banner

The eCR Viewer includes a Patient Banner which remains at the top of the browser window so you can always see the Patient Name and DOB for the eCR you're looking at:

PETER PAN EPICTEST 02/17/1986

eCR Summary

eCR Document

Patient Info

Demographics

Encounter Info

Encounter Details

Clinical Info

Symptoms and Problems

Treatment Details

Lab Info

Lab Results from HOAG MEMORIAL HOSPITAL

eCR Metadata

RR Details

eICR Details

eCR Sender Details

Unavailable Info

Drugs of Abuse, Screen, Urine **ABNORMAL** +

Drugs of Abuse, Screen, Urine **ABNORMAL** +

eCR Metadata —

RR Details

Reportability Summary

Reportable Condition	RCKMS Rule Summary	Jurisdiction Sent eCR
Overdose of opiate (disorder)	Detection of opioid substance or metabolite in a clinical specimen by any method	Los Angeles County Department of Public Health
	Vital status at end of encounter is alive or unknown	Los Angeles County Department of Public Health

eICR Details

eICR Identifier	1.2.840.114350.1.13.297.3.7.8.688883.567479
Document Author	Hoag Memorial Hospital
Author Address	1 HOAG DR NEWPORT BEACH, CA 92663-4162, USA
Author Contact	Work 949-764-8400