




CureMD UC'24
Raleigh, North Carolina
Connecting Cure Communities





**Scan QR Code
for Session
Attendance**

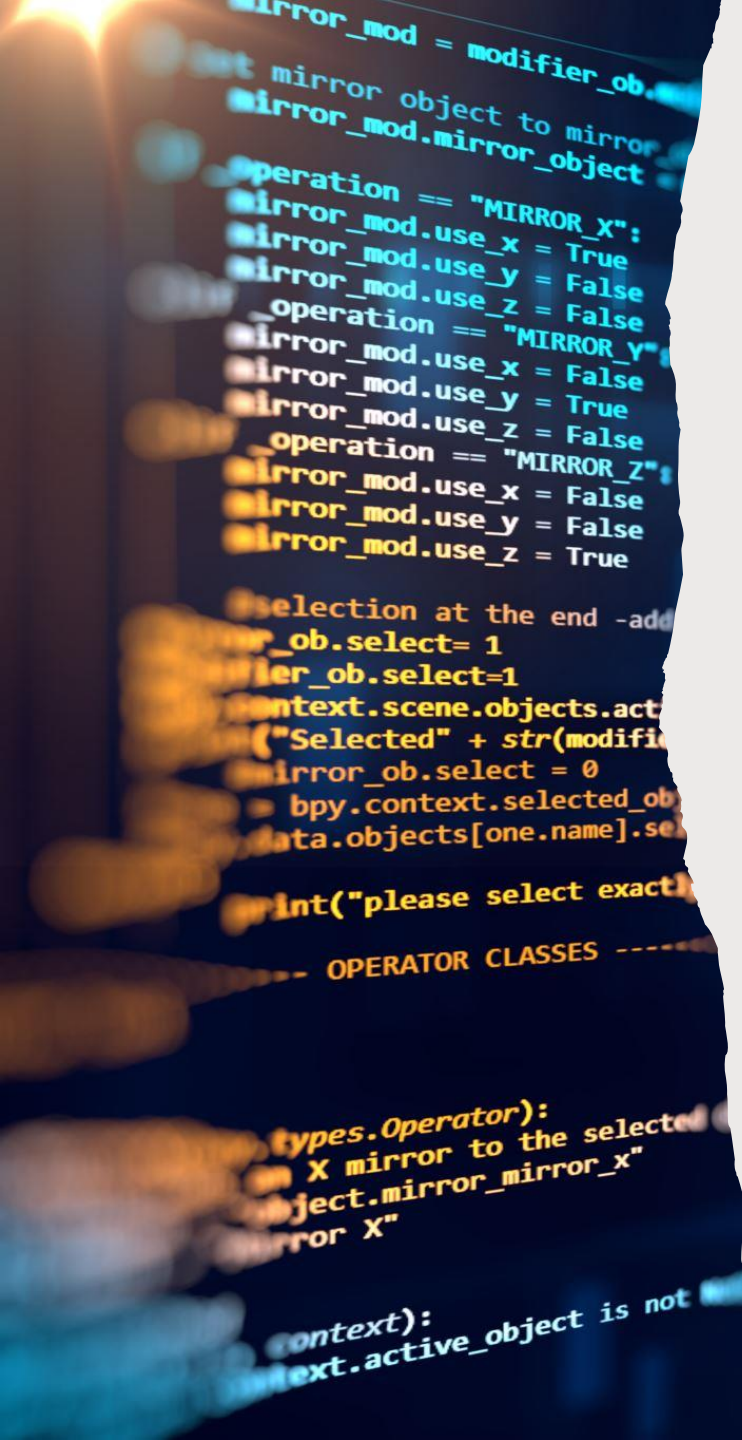


Effortless Compliance: Streamline Public Health Reporting with electronic case reporting

Are you ready for eCR?

Get ready for electronic case reporting (eCR).

We will guide you through the steps to start with your electronic reporting, ensuring your organization is prepared for efficient and accurate public health data exchange.



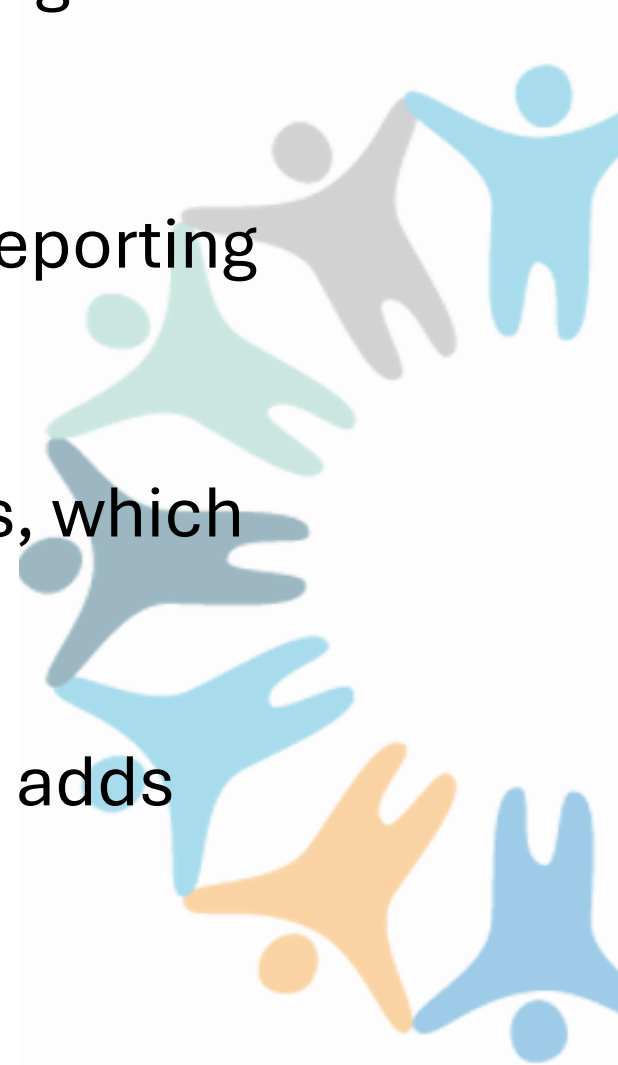
What is Case Reporting?

- Healthcare organizations are required by law to report certain conditions to Public Health Agencies (PHAs).
- These reports help monitor and control public health issues such as outbreaks, epidemics, and chronic diseases.
- Reporting requirements vary based on the disease/condition and public health jurisdiction.
- Providers must identify reportable conditions and submit the necessary information to the appropriate PHAs.



Reporting Challenges

- Manual reporting often leads to incomplete forms requiring follow-up by PHAs for clarification.
- This results in inconsistent, time-consuming, and underreporting of conditions.
- Providers need to manually identify reportable conditions, which can be inefficient.
- The variety in reporting requirements across jurisdictions adds complexity to the process.



Electronic Case Reporting (eCR) – The Solution

- eCR automates reporting, helping healthcare providers meet legal obligations without altering their workflow.
- It simplifies EHR interface development by using a single, all-condition, all-jurisdiction electronic initial case report (eICR) standard.
- eCR processes and routes reports to appropriate jurisdictions from one centralized location, ensuring compliance and accuracy.
- Providers can focus more on patient care while ensuring complete and timely public health reporting.



Electronic Case Reporting in CureMD



How does ECR work in CureMD?

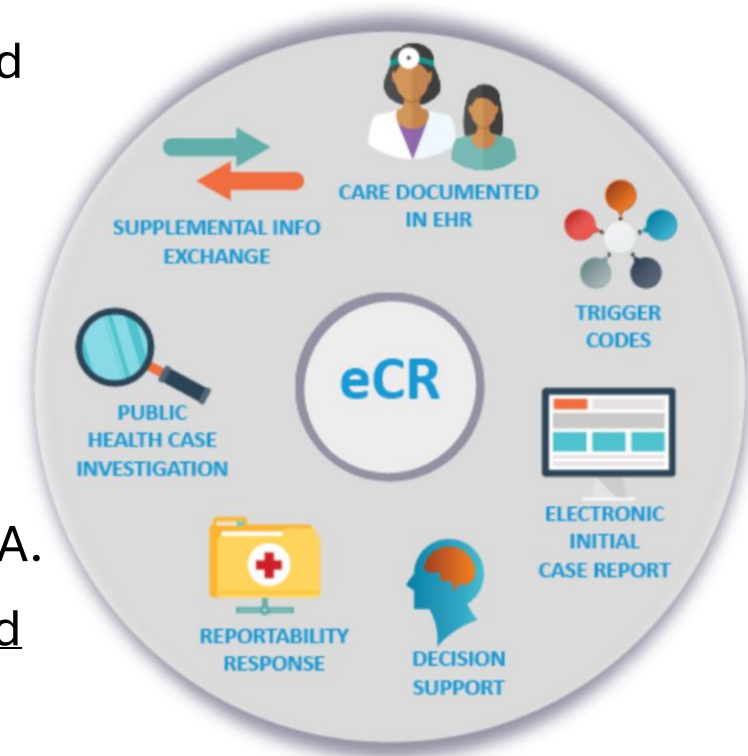
- CureMD EHR utilizes HL7 CDA R2 for generating electronic initial case report (eICR)
- CureMD EHR automatically analyzes each patient visit from the moment the Provider Note is created and continues to monitor it until the encounter is concluded (**signed**). This analysis ensures any new reportable condition or trigger added during the encounter is promptly detected.
- Reportability of patient visit is determined based on:
 - Diagnosis
 - Lab Orders & Results
 - Medications
- If a reportable condition is found in patient visit, an electronic initial case report (eICR) is generated and sent to the Association of Public Health Laboratories (APHL) Informatics Messaging Services (AIMS) platform.



How does ECR work in CureMD?

- The list of reportable conditions is developed by the Council of State and Territorial Epidemiologists (**CSTE**), Centers for Disease Control and Prevention (**CDC**) and **APHL**, and is kept up to date in CureMD.
- Upon receipt of an eICR, the AIMS platform uses the Reportable Conditions Knowledge Management System (**RCKMS**) to determine whether the case is reportable to the relevant Public Health Authority (PHA), based on the patient's residence and care location.
- Each PHA will have its own unique set of reportable conditions.
- For all reportable cases, AIMS platform forwards the case report to PHA.
- AIMS platforms also sends the Reportability Response to both PHA and CureMD.
- Providers can view the Reportability Responses for eligible encounters from all workflows that list Provider Notes, such as:

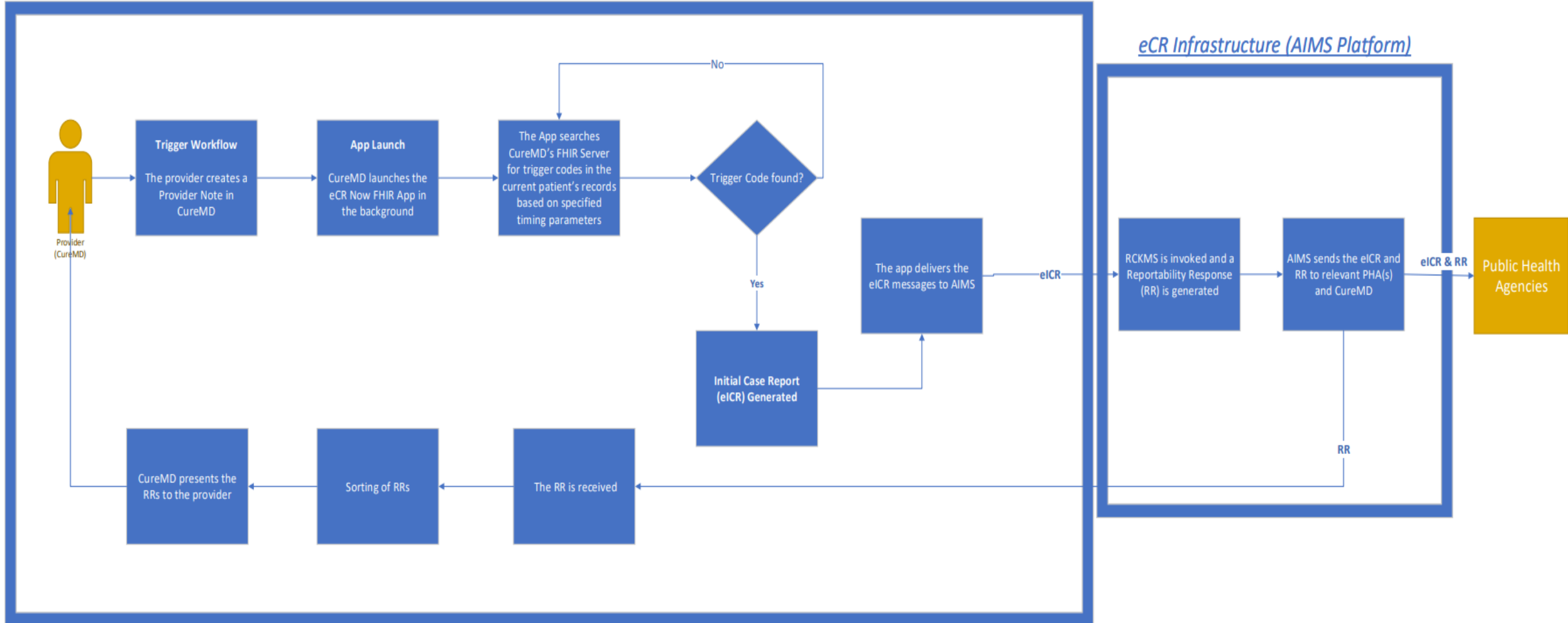
Patient > Provider Notes Listing, Personal > My Notes, and Personal > Administration > Provider Notes.



CureMD eCR Workflow

CureMD Infrastructure

eCR Infrastructure (AIMS Platform)



Case Report Generation (Patient > Provider Note)

The screenshot displays the CureMD interface for a patient's provider notes. The patient is identified as Mike, Jill, 3Y 10M Female, DOB 10/27/2020, A/C 573. A status indicator shows 'Leap Registration: Pending'. The interface includes a search bar, a navigation sidebar with options like Registration, Provider Notes, Clinical, Messages, eMessages, Interoperability, Documents, Appointment, and Billing, and a main content area for the 'Progress Note'. The note is dated 06/24/2024 at 08:07 AM and was written by Dr. Crawley Laura. The note content includes a diagnosis of 'COR (chronic cor pulmonale) - I27.81, Established diagnosis' with the comment 'Problem remains the Same.', a prescription for 'Remdesivir 100 MG Intravenous Solution Reconstituted' administered by Support, Faraz on 06/24/2024 at 8:12 AM, and an immunization record for 'KINRIX (DTaP-IPV) SYRINGE' administered on 06/24/2024 by Mr. Support, Faraz. The note is electronically signed by Mr. Support on Monday, June 24, 2024 at 08:14 AM. The interface also features a top navigation bar with 'Back to old layout', 'Release Notes', 'novelHealth', 'Support', and 'Mr. Test Support' options, and a right-hand sidebar with sections for Billing, Notes, Pharmacy, Lab, and Radiology, all of which currently show 'No data recorded'.

CureMD version 10g Inbox Today's Patients Back to old layout Release Notes novelHealth Support Mr. Test Support

Patient - Provider Notes

Mike, Jill 3Y 10M Female DOB 10/27/2020 A/C 573 Leap Registration: Pending Add Tag

Home (555) 555-5006
Office -
PCP -
Referring Dr. Crawley, Laura
jill@email.com

Billing *No data recorded*

Notes *No data recorded*

Pharmacy +
Lab +
Radiology +

Provider Notes **Progress Note**

Save Report Send File Create eSuperbill Review & Sign off Assign Unsign

Note Type Progress Note Provider Dr. Crawley Laura
Date of Encounter 06/24/2024 08:07 AM
 Save As Template Confidential Do not share with patient

Arial 10 Black **B** *I* U [List Icons]

Diagnoses
COR (chronic cor pulmonale) - I27.81, Established diagnosis
Problem remains the Same.

Prescription
Remdesivir 100 MG Intravenous Solution Reconstituted: Intravenous, Start 06/24/2024, End 07/01/2024, Qty 1 Insert(s) For 7 Day(s), **(Administered)**
Administered by Support, Faraz on 06/24/2024 8:12 AM

Immunization
KINRIX (DTaP-IPV) SYRINGE: administered on 06/24/2024 by Mr. Support, Faraz, Dose: 0.5 ml, Route: Intramuscular, Adverse Reaction: Blood Disorder

Electronically signed by Mr. Support, on Monday, June 24, 2024 at 08:14 AM

Reportability Response (Patient > Provider Notes List)

CureMD version 10g Inbox Today's Patients Back to old layout Release Notes novelHealth Patient Messages Support Mr. Test Support

Patient - Provider Notes

Search

- > Registration
- > Provider Notes
 - Provider Notes 4
 - Clinical Letters
- > Clinical
 - Messages
 - eMessages
- > Interoperability
 - Documents
- > Appointment
- > Billing

Mike, Jill 3Y 10M Female DOB 10/27/2020 A/C 573 Leap Registration: Pending Add Tag

Home (555) 555-5006

Office -

PCP -

Referring Dr. Crawley, Laura
jill@email.com

Billing

No data recorded

Notes

No data recorded

Pharmacy

Lab

Radiology

+

Provider Notes Deleted Notes

Search + Provider Note + Phone Encounter + Report

Visit To Type Note Template Draft

Provider Signed by Signed Off by Signed

Diagnosis Group By None Dictated

Visit	Reason	Type	Note Template	Status	Superbill	Provider	Assigned To	Actions
07/09/2024	Phone Encounter	Progress Note		Draft	Not Created	Dr Crawley, Laura		
07/09/2024	ecr test	Progress Note		Draft	Not Created	Dr Crawley, Laura		
06/24/2024	Business Office activity	Progress Note		Signed	Not Created	Dr Crawley, Laura		
06/24/2024	ecr test	Progress Note		Signed	Not Created	Dr Crawley, Laura		
06/20/2024	ecr test	Progress Note		Signed	Not Created	Dr Crawley, Laura		
06/20/2024	immunization test	Progress Note		Signed	Not Created	Dr Crawley, Laura		
06/13/2024	Labs activity	Progress Note		Signed	Not Created	Dr Crawley, Laura		
06/12/2024	test reasons	Progress Note		Signed	Not Created	CureMD eCR Workflow, Laura		
06/12/2024	Online Appointment	Progress Note		Signed	Not Created	Dr Crawley, Laura		
06/12/2024	Labs activity	Progress Note		Signed	Not Created	Dr Crawley, Laura		
06/11/2024	Hydration activity	Progress Note		Signed	Not Created	Dr Crawley, Laura		
06/10/2024	Consultation	Progress Note		Signed	Not Created	Dr Crawley, Laura		
06/10/2024	test reasons	Progress Note		Signed	Not Created	Dr Crawley, Laura		
06/10/2024	Consultation	Progress Note		Draft	Not Created	Dr Crawley, Laura		
06/07/2024	Consultation	Progress Note		Draft	Not Created	Dr Crawley, Laura		

Preview Addendums Attachment Review Hx Log Reviewed Confidential Assignment Notes Letters Group Assignment Reportability Response

Reportability Response (Personal > My Notes)

CureMD version 10g Back to old layout Release Notes novelHealth Patient Messages Support Mr. Test Support

Personal - My Notes

Search

My Notes Search Print Assign

Last Name First Name Status Dictation
 From To Keyword Confidential
 Note Template Type eSuperBill
 Provider Signed By Signed Off By

<input type="checkbox"/>	Patient Name ▲	Visit Date ↕	Reason ↕	Type ↕	Note Template ↕	Status ↕	eSuperbill ↕	Signed By ↕	Signed Off By ↕	Provider ↕
<input type="checkbox"/>	Adams, John	09/09/2024	Consultation	History & Physical		Draft	Not Created			AlperTTTT, Abbott
<input type="checkbox"/>	Anderson, Matt	09/11/2024	Office Visit	Progress Note	Follow up	Signed	Not Created	Imran, Mariam		Crawley, Laura
<input type="checkbox"/>	Asif, Abdullah	09/26/2024	Business Office activity	Admit Note	Bronchitis Acute PD6	Signed	Not Created	Imran, Mariam		Davis, Miranda
<input type="checkbox"/>	Baneen, Umal	09/18/2024	cardiac	Progress Note		Signed	Not Created	Imran, Mariam		AlperTTTT, Abbott
<input type="checkbox"/>	Beth, Jess	09/23/2024	Hydration activity	Progress Note		Signed	Not Created	Imran, Mariam		Davis, Miranda
<input type="checkbox"/>	Brown, Jim	09/25/2024	Consultation	Progress Note		Signed	Not Created	Supportt, Husnain		Davis, Miranda
<input type="checkbox"/>	Cena, John	09/23/2024	Business Office activity	Progress Note		Signed	Not Created	Imran, Mariam		AlperTTTT, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/13/2024	Business Office activity	Progress Note		Draft	Not Created			AlperTTTT, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/13/2024	cardiac	Progress Note		Draft	Not Created			AlperTTTT, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/13/2024	Business Office activity	Progress Note		Signed	Not Created	Support, Hassan		AlperTTTT, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/13/2024	cardiac	Progress Note		Signed	Not Created	Support, Hassan		AlperTTTT, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/16/2024	cardiac	Progress Note		Signed	Not Created	Support, Hassan		AlperTTTT, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/16/2024	Consultation	Progress Note		Signed	Not Created	Support, Hassan		AlperTTTT, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/12/2024	cardiac	Consult Report	Claim Denial Field Max	Draft	Not Created			AlperTTTT, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/13/2024	cardiac	CONSULT NOTE	Claim Denial Field Max	Draft	Not Created			AlperTTTT, Abbott

Confidential Assignment Notes Group Assignment Reportability Response

1 - 15 of 28 Next Last

Reportability Response (Personal > Administration > Provider Notes)

CureMD version 10g Back to old layout Release Notes novelHealth Patient Messages Support Mr. Test Support

Personal - Provider Notes

Search

Lab 273
Procedure 251
Radiology 62
Consultation 7
Other 4

Prior Authorization
My Notes 471
Referrals
Documents
CCDA Tracking
> KPIs
Administration
 > eRx
 CureConfirm Status
 Fax Status Log
 > Interoperability
 Eligibility
 Clinical Alerts
 > Tracking
 > Orders & Results
 Appointment Confirmation
 Immunizations
 Tasks
Provider Notes
 Letters
 Disclosures
 > Patient Portal Requests
 > My Preferences
 > Security Settings

Provider Notes
 Search Print Assign

Last Name: First Name: Status: All Dictation
 From: 08/28/2024 To: 09/27/2024 Keyword: Confidential
 Note Template: --Select-- Type: All selected eSuperBill: All
 Provider: --Select-- Signed By: --Select-- Signed Off By: --Select--

<input type="checkbox"/>	Patient Name ▲	Visit Date ↕	Reason ↕	Type ↕	Note Template ↕	Status ↕	eSuperbill ↕	Signed By ↕	Signed Off By ↕	Provider ↕
<input type="checkbox"/>	Doe, John	09/13/2024	Office Visit	Progress Note		Signed	Not Created	Imran, Mariam		MacClare, James
<input type="checkbox"/>	Doe, John	09/13/2024	Office Visit	Consultation Report	Consult Note	Signed	Not Created	Imran, Mariam		MacClare, James
<input type="checkbox"/>	Gibbs, Herchial	09/19/2024	Consultation	Progress Note		Signed	Not Created	Imran, Mariam		Saeed, Hassan
<input type="checkbox"/>	Greogary, Lewiss	09/11/2024	MD Visit activity	Progress Note		Signed	Not Created	Support, Hassan		Davis, Miranda
<input type="checkbox"/>	Greogary, Lewiss	09/16/2024	cardiac	Progress Note		Signed	Not Created	Support, Hassan		Alpertttt, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/16/2024	Consultation	Progress Note		Signed	Not Created	Support, Hassan		Alpertttt, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/13/2024	Business Office activity	Progress Note		Draft	Not Created			Alpertttt, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/13/2024	cardiac	Progress Note		Draft	Not Created			Alpertttt, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/13/2024	Business Office activity	Progress Note		Signed	Not Created	Support, Hassan		Alpertttt, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/13/2024	cardiac	Progress Note		Signed	Not Created	Support, Hassan		Alpertttt, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/12/2024	cardiac	Consult Report	Claim Denial Field Max	Draft	Not Created			Alpertttt, Abbott
<input type="checkbox"/>	Greogary, Lewiss	09/13/2024	cardiac	CONSULT NOTE	Claim Denial Field Max	Draft	Not Created			Alpertttt, Abbott
<input type="checkbox"/>	Hashmat, Adam	09/20/2024	Consultation	Progress Note		Signed	Not Created	Imran, Mariam		Saeed, Hassan
<input type="checkbox"/>	Hashmat, Adam	09/20/2024	Consultation	Progress Note		Signed	Not Created	Imran, Mariam		Saeed, Hassan
<input type="checkbox"/>	Imran, Marriam	09/26/2024	Office Visit	Admit Note	Bronchitis Acute PD6	Signed	Not Created	Imran, Mariam		Alpertttt, Abbott

Confidential
 Assignment Notes
 Group Assignment
 Reportability Response

16 - 30 of 47 ◀ First ◀ Previous Next ▶ Last ▶

Reportability Response (Logs)

CureMD version 10g Inbox Today's Patients Back to old layout Release Notes novelHealth Patient Messages Support Mr. Test Support

Patient - Provider Notes

Clarke, Isaac 29Y 8M Male DOB 1/1/1995 A/C 486 Leap: Registration: Pending Add Tag

Home -
Office (555) 842-6010
PCP Dr. Crawley, Laura
Referring Dr. Levinson, Robert
Ali.Hussain@curemd.com

Primary Plan -
Plan Balance \$ 200
Balance Unapplied
Patient \$ 400 \$ 80
Family \$ 400 \$ 80

Notes +
Follow Up Visit !

Pharmacy + NYC Pharmacy
Lab + Bio Reference Lab - ZA
Radiology +

Provider Notes Deleted Notes

Search + Provider Note +

Visit To
Provider --Select--
Diagnosis --Select--

Visit Reason

Visit	Reason
06/27/2024	Hydration activit
06/27/2024	Consultation
06/26/2024	test reasons
03/07/2024	Consultation
02/16/2024	Consultation
01/22/2024	Consultation
12/05/2023	Consultation
12/04/2023	Consultation
11/28/2023	Consultation
11/17/2023	Shot activity
11/13/2023	Consultation
11/13/2023	Consultation
11/08/2023	Consultation
11/08/2023	Consultation
11/08/2023	Consultation

Reportability Responses Isaac Clarke 29Y 8M, Male

Date/Time	Last Reviewed By	Last Reviewed On
06/27/2024 08:04 AM	Support, Test	09/27/2024 05:52 AM

Assigned To Actions

1 - 15 of 92 Next Last

Reportability Response

1

2

Reportability Responses Isaac Clarke 29Y 8M, Male

Back

Reportability Response

Patient	Isaac Clarke	Sex	Male
Date of birth	January 1, 1995	Patient IDs	20244 2.16.840.1.113883.1.1.1.1.1
Contact info	72289 El Paso Dr TWENTYNINE PALMS, CA 92277, US Tel: (555)842-6013		
Document Id	aeacbe6d-dfe7-4a62-b33a-902da33b6db0		
Document Created:	June 27, 2024, 11:48:36 +0000		
Author			
Contact info	8515 Georgia Avenue, Suite 700 Silver Spring, MD 20910, US Tel: +1(844)836-8377		
Encounter Id	42738 2.16.840.1.113883.1.1.1.1.1	Encounter Type	ambulatory
Encounter Date	From June 27, 2024, 07:37:00 +0000 to June 27, 2024, 07:37:59 +0000		
Encounter Location	Neighborhood Physicians		
Responsible party	Miranda Davis of Neighborhood Physicians		
Contact info	111 Anywhere Street , NY, US Tel: (555)555-1004		
Information recipient:	Miranda Davis		
Contact info	111 Anywhere Street , NY, US Tel: (555)555-1004		
Document maintained by	APHL Association of Public Health Laboratories.		
Contact info	8515 Georgia Avenue, Suite 700 Silver Spring, MD 20910, US Tel: +1(844)836-8377		

Reportability Responses Isaac Clarke 29Y 8M, Male

Back

Table of Contents

- .
- .

Subject:
Public Health Reporting Communication: one or more conditions are reportable, or may be reportable, to public health.

Summary:
Your organization electronically submitted an initial case report to determine if reporting to public health is needed for a patient. "Typhoid fever (disorder)" is reportable to "Local Public Health Agency". The initial case report was sent to "California Department of Public Health". Additional information may be required for this report. "Meningitis (disorder)" is reportable to "California Department of Public Health". The initial case report was sent to "California Department of Public Health". Additional information may be required for this report. "Meningococcal infectious disease (disorder)" is reportable to "California Department of Public Health". The initial case report was sent to "California Department of Public Health". Additional information may be required for this report. No determination of reportability could be made for any condition for "New York City Department of Health and Mental Hygiene". This may be because it is not on the list of reportable conditions for this Public Health Agency, or the information provided at the time of this report does not meet reporting criteria, or the Public Health Agency is not yet accepting electronic case reports for this condition. Previous reporting processes should be continued until your Public Health Agency has specifically approved you for electronic case reporting for this condition. "Typhoid fever (disorder)" for "Local Public Health Agency"
Reporting is required within "1 Day(s)". Reporting to this Public Health Agency is based on "Patient home address"
> Local Health Department Contact Information (Information only)

"Meningitis (disorder)" for "California Department of Public Health"
"Meningococcal infectious disease (disorder)" for "California Department of Public Health"

Onboarding



MIPS: Promoting Interoperability (PI) Program

- CureMD is certified for electronic case reporting (eCR) by the US Department of Health and Human Services (HHS) Office of the National Coordinator for Health Information Technology (ONC) certification program - §170.315(f)(5) Transmission to public health agencies — electronic case reporting
- Electronic case reporting is now a required measure under the Public Health and Clinical Data Exchange objective for MIPS Promoting Interoperability (PI)
- HCO's should directly [contact their jurisdictional public health agency](#) for further guidance on registering intent for eCR for CMS Promoting Interoperability as soon as possible.



eCR Onboarding Process

Healthcare organizations (HCOs) need to follow a 5-stage process to onboard for eCR.

1. Planning

- Initiate the eCR process by contacting the eCR Onboarding team at ecr@cdc.gov to express your interest and register your intent for CMS Promoting Interoperability with the appropriate jurisdictional (PHA). The eCR Onboarding team will provide you with onboarding materials, including the eCR Provider Intake Form and the eCR Facility List Template.
- Choose a policy path for the transmission of eICRs to the AIMS platform by either agreeing to sign APHL's [on-line participation agreement](#) or leveraging CommonWell's EULA to fulfill this requirement.
- Direct Messaging will be your transport mechanism for communication with AIMS.

2. Configuration of eCR Interface

- Submit the documentation to eCR team received at the time of planning.
- Ensure your 'Direct Address' (for testing and production) is registered with SureScripts

3. Testing

- Ensure that eICRs are being generated and sent to AIMS platform
- Verify that RRs are received and visible to HCO's Providers and Administrators



Healthcare Organization – eCR Onboarding Process

4. Content Review of eICR messages

- The eCR Onboarding team will confirm the HCO's onboarding completion once the established volume threshold for the testing scenarios is met and the eCR Onboarding team validates the data quality of the shared data.

5. Release of Production Data to PHA

- eCR Onboarding team transitions the HCO to sending production data to the AIMS platform in coordination with PHAs.

Note: HCO Onboarding will be completed in coordination with CureMD Support, eCR Onboarding Team, and jurisdictional PHA(s).



Thank you!

