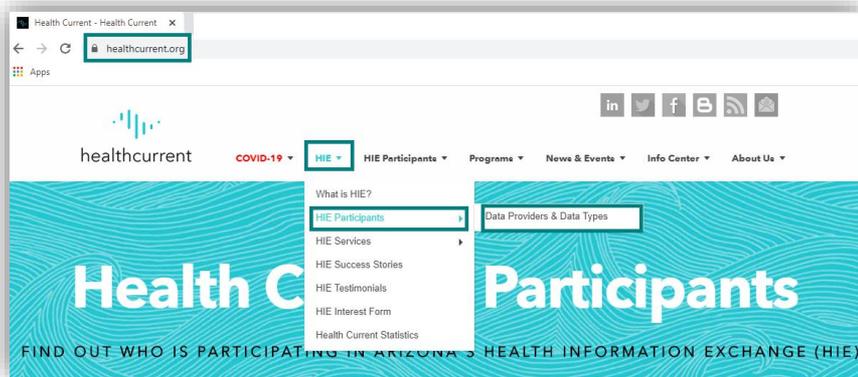

AHCCCS Promoting Interoperability (PI) Program Facilitating a Transition of Care via the Health Information Exchange (HIE)



What Is the Health Information Exchange (HIE)

The **Health Information Exchange or HIE** connects the electronic health record (EHR) systems of providers and clinicians allowing them to securely share patient information and better coordinate care. Health Current is Arizona's health information exchange, connecting about 690 Arizona organizations, from first responders, hospitals, labs, community behavioral health and physical health providers to post-acute care and hospice providers. We integrate information with the delivery of care to improve the health and wellbeing of individuals and communities.



Download Data Providers & Data Type List: [Click Here](#)

Search all Data Providers & Data Type: [Click Here](#)

Data Providers & Data Types

> Searchable Data Providers & Data Types

- + ACOs & Clinically Integrated Networks
- + Behavioral Health Providers
- + Community Health Providers
- + Emergency Medical Services
- + FQHCs & Rural Health Clinics
- + Hospitals & Health Systems
- + Labs, Imaging Centers & Pharmacies
- + Long-Term & Post-Acute Care
- + State & Local Government
- + Health Information Exchanges (HIEs)

For more information regarding the Health Information Exchange, please recruitment@healthcurrent.org

Benefits of the Health Information Exchange (HIE)

Healthcare clinicians have always been able to provide better care when they have more complete information on their patients. More complete patient information and better coordinated care is more important than ever today when the healthcare industry faces a future of value-based care where payment is based on value and outcomes rather than the amount or type of services delivered.

The general types of information provided are:

Part 2 Data

Data from this organization includes Part 2 (42 CFR Part 2) information that is afforded special confidentiality protection and requires Part 2 consent.

ADTs

These notifications of admissions, discharges and transfers (ADTs) may contain immunizations, medications, problem lists, treatments/procedures and other documents.

Clinical information

These records may be Continuity of Care Documents (CCDs) or HL7 v2 messages containing immunizations, medications, problem lists, lab or radiology reports, treatments/procedures, allergies and other clinical documents.

For more information regarding the Health Information Exchange, please contact recruitment@healthcurrent.org

Health Current Statistics

Health Current Key Statistics (as of August 2020)

Active Participants	752
Active Users	2,140
Data Providers, Total	223
– Data Providers, ADT	181
– Data Providers, Clinical	179
– Data Providers, Part 2	67
TRANSACTIONS (Monthly Average)	
Patients Accessed via Portal	91 K
HL7 Transactions Received	23.4 M
CCDs Received	1.2 M
Alerts Delivered	10.4 M

<https://healthcurrent.org/hie/statistics/>

AHCCCS Promoting Interoperability (PI) Program

Objective 7, Measure 1

In order to count a transition of care or referral in the numerator, the action must occur within the calendar year in which the PI (EHR) reporting period occurs.

The referring EP must have reasonable certainty of receipt by the receiving provider to count the action toward the measure.

- ✓ An EP must have a confirmation of receipt or that a query of the summary of care record has occurred in order to count the action in the numerator.

The initiating EP must send a C–CDA document that the receiving provider would be capable of electronically incorporating as a C–CDA on the receiving end.

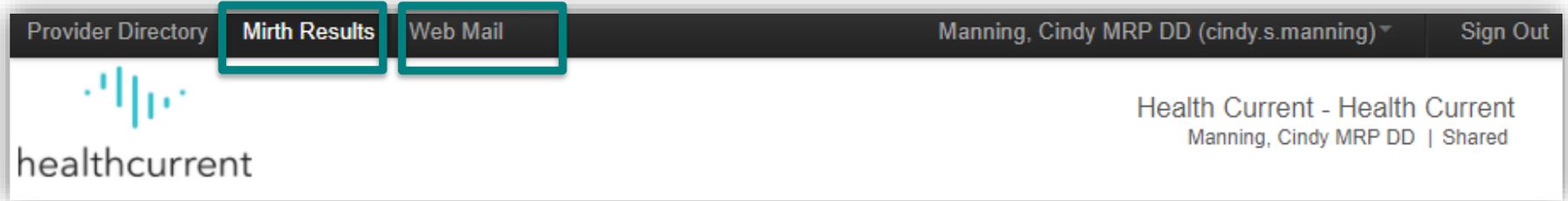
- ✓ In other words, if an EP sends a C–CDA and the receiving provider converts the C–CDA into a pdf, a fax, or some other format, the sending EP may still count the transition or referral in the numerator.
- ✓ If the sending provider converts the file to a format the receiving provider could not electronically receive and incorporate as a C–CDA, the initiating EP may not count the transition in their numerator.

Documentation Requirements for Measure 1

A CEHRT-generated dashboard* for the selected PI (EHR) reporting period that shows the following:

- ✓ **Provider's Name**
- ✓ **Numerator**
- ✓ **Denominator**
- ✓ **Measure Percentage**

HIE Portal – HIE User Account Roles



HIE Portal – Logging on to the HIE Portal

- ✓ Use this link to Login to the HIE Portal: <https://portal.healthcurrent.org>
- ✓ Use Account ID (Username) (*Not your email address)



HIE Portal – Select Patient

Required Patient Search Criteria:

1. Patient First Name
2. Patient Last Name
3. Patient Date of Birth
4. Search Reason

Advanced Filter: Patients

Search Type My Patients All Patients [Clear Search Criteria](#)

Search Requirements:
• First Name and Last Name and Date of Birth

Reason For Search
Search Reason*

Demographic Search
Last Name* Gender
First Name*
Street 1
City
Country

Identifier Search
Patient Alias
Phone Number

Additional Criteria

Results 100

Advanced Filter: Patients

Search Type My Patients All Patients [Clear Search Criteria](#)

Search Requirements:
• First Name and Last Name and Date of Birth

Reason For Search
Search Reason*

Demographic Search
Last Name* Gender
First Name* Date of Birth*
Street 1 Street 2
City State
Country ZIP Code

Identifier Search
Patient Alias Insurance Plan ID
Phone Number

Results 100

- Care Coordination/Case Management
- Transition of Care Planning
- Population Health
- Health Current Operations (only for HC staff)
- Corrections Purposes
- HIPAA Authorization
- COVID-19 Public Health Only
- Treatment
- Break the Glass – Necessary to prevent death or serious harm to a person other than the patient; patient unable to give consent
- Break the Glass – Necessary to prevent death or serious harm to the patient; patient unable to give consent

HIE Portal – Confirm Patient

Provider Directory Mirth Results Web Mail Md, Cindy Manning (cindy.manning.md) Sign Out

healthcurrent Health Current - Promoting Interoperability
Md, Cindy Manning | Shared

Patients [Advanced Search](#)

Patient Actions
[Refresh List](#)

Patients

1 item found. Date of Birth: 06/07/1942 × First Name: Marilyn × Last Name: Ardel × [Clear Search](#)

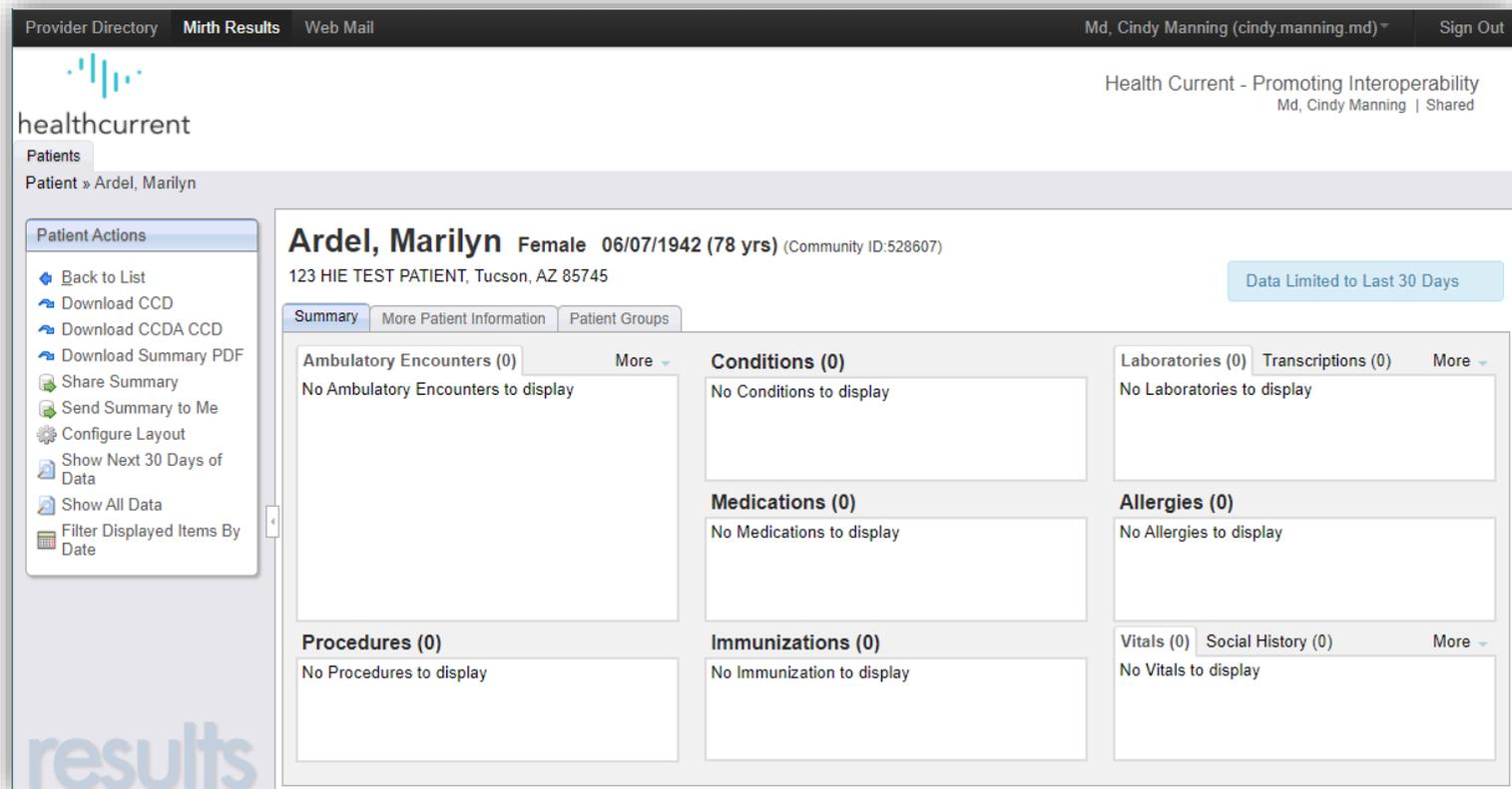
<input type="checkbox"/>	Community ID	Name	Date of Birth	Gender	Voice #	SSN
<input type="checkbox"/>	528607	Ardel, Marilyn	06/07/1942	Female	(520) 000-0000	***.**-7459

Patient Details

Current Name: Ardel, Marilyn
Date of Birth: 06/07/1942
Gender: Female
SSN: ***.**-7459

HIE Portal – Patient Summary

The patient's record has now been displayed in its entirety in the screenshot below, if multiple clinical sections are assigned to the same box in the grid, the clinical section names appear in tabs at the top of the box. Click a tab to view the data for that clinical section.



The screenshot displays the Health Current HIE Portal interface. At the top, navigation links include "Provider Directory", "Mirth Results", and "Web Mail". The user is identified as "Md, Cindy Manning (cindy.manning.md)" with a "Sign Out" option. The Health Current logo and tagline "Promoting Interoperability" are visible, along with the user's name and "Shared" status.

The main content area is titled "Patient » Ardel, Marilyn". A "Patient Actions" sidebar on the left lists options such as "Back to List", "Download CCD", "Download CCDA CCD", "Download Summary PDF", "Share Summary", "Send Summary to Me", "Configure Layout", "Show Next 30 Days of Data", "Show All Data", and "Filter Displayed Items By Date".

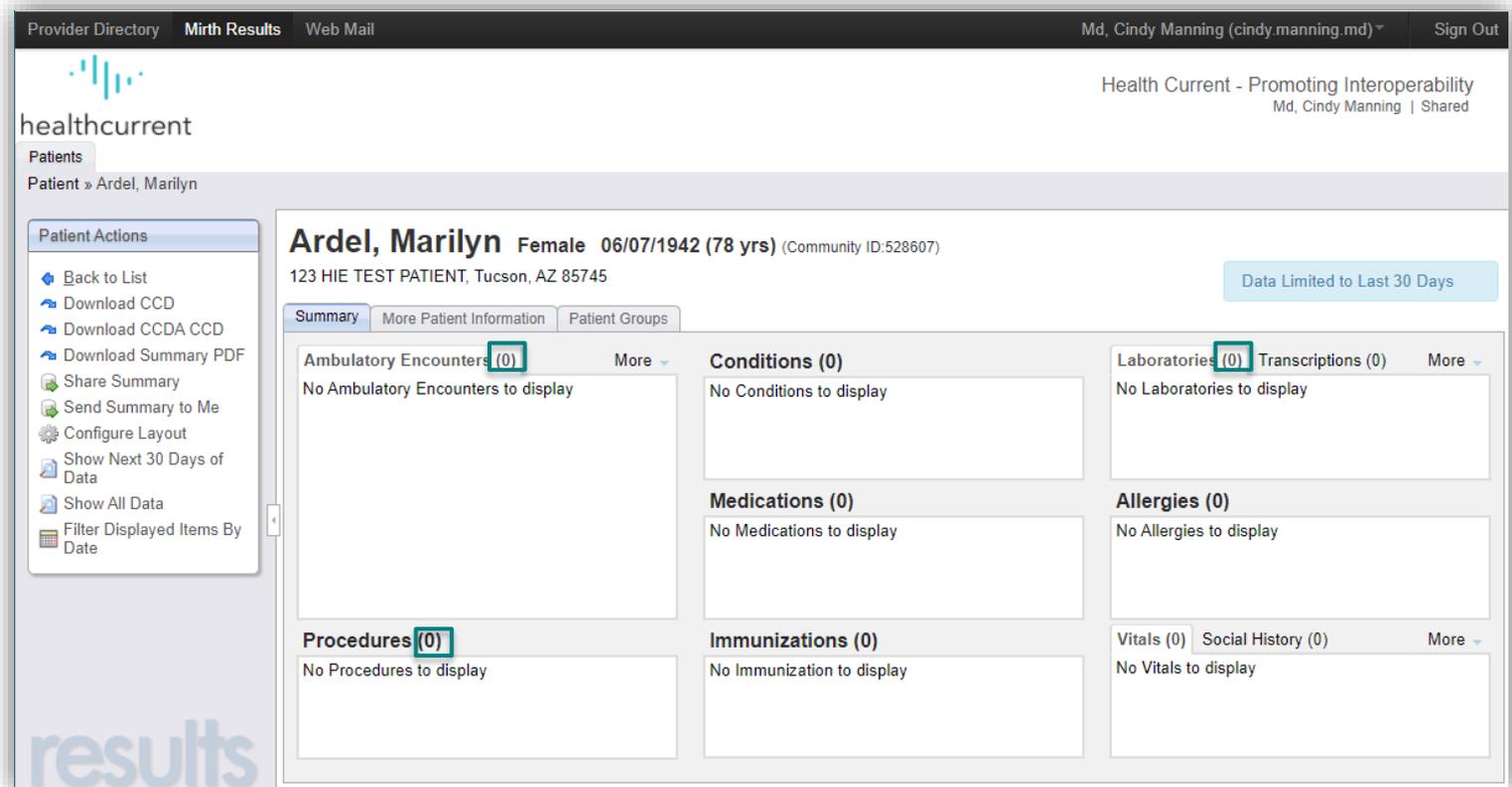
The patient summary for "Ardel, Marilyn Female 06/07/1942 (78 yrs)" (Community ID: 528607) is shown, with the address "123 HIE TEST PATIENT, Tucson, AZ 85745". A "Data Limited to Last 30 Days" notice is present. The summary is organized into a grid of clinical sections, each with a tab at the top and a "More" dropdown menu:

- Ambulatory Encounters (0)**: No Ambulatory Encounters to display.
- Conditions (0)**: No Conditions to display.
- Laboratories (0)**: No Laboratories to display.
- Transcriptions (0)**: No Transcriptions to display.
- Medications (0)**: No Medications to display.
- Allergies (0)**: No Allergies to display.
- Procedures (0)**: No Procedures to display.
- Immunizations (0)**: No Immunization to display.
- Vitals (0)**: No Vitals to display.
- Social History (0)**: No Social History to display.

The "results" logo is visible in the bottom left corner of the interface.

HIE Portal – Patient Summary

The number in parentheses next to each section header indicates the number of data items in that section. You can view clinical messages and download files that pertain to the patient whose data you are viewing.



The screenshot displays the Health Current HIE Portal interface for a patient summary. The top navigation bar includes links for Provider Directory, Mirth Results, and Web Mail, along with the user's name, Md, Cindy Manning (cindy.manning.md), and a Sign Out button. The main header shows the healthcurrent logo and the text "Health Current - Promoting Interoperability" with "Md, Cindy Manning | Shared" below it. The patient's name, Ardel, Marilyn, is displayed, along with her gender (Female), date of birth (06/07/1942), age (78 yrs), and community ID (528607). The address is listed as 123 HIE TEST PATIENT, Tucson, AZ 85745. A "Data Limited to Last 30 Days" notice is present. The summary is organized into several sections, each with a count in parentheses: Ambulatory Encounters (0), Conditions (0), Laboratories (0), Transcriptions (0), Medications (0), Allergies (0), Procedures (0), Immunizations (0), Vitals (0), and Social History (0). Each section currently displays "No [category] to display". A "Patient Actions" sidebar on the left provides options such as "Back to List", "Download CCD", "Download CCDA CCD", "Download Summary PDF", "Share Summary", "Send Summary to Me", "Configure Layout", "Show Next 30 Days of Data", "Show All Data", and "Filter Displayed Items By Date". The "results" logo is visible in the bottom left corner.

HIE Portal – Patient Summary: Data Range Specifications

The Patient Summary sub-tab page consists of a grid of patient-care history referred to as clinical sections. The number in parentheses next to each section header indicates the number of data items in that section. You can view clinical messages and download files that pertain to the patient whose data you are viewing.

Initially, when the patient summary loads, you will notice there is an icon stating, “Data Limited to Last 30 Days” in the upper right-hand corner.

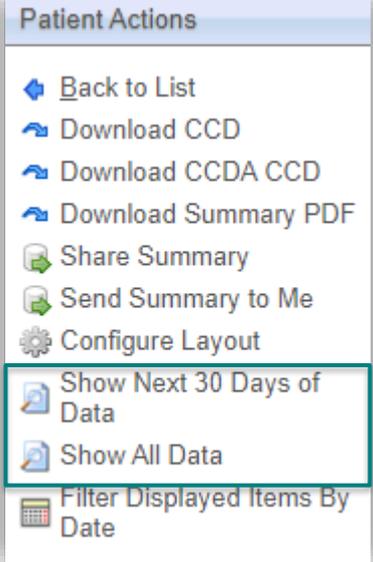
Data Limited to Last 30 Days

Data Limited to Last 60 Days

Data Limited to Last 90 Days

portal.healthcurrent.org says
Loading all the data may take a few minutes.
Are you sure you want to view all the data?

OK Cancel



Patient Actions

- Back to List
- Download CCD
- Download CCDA CCD
- Download Summary PDF
- Share Summary
- Send Summary to Me
- Configure Layout
- Show Next 30 Days of Data
- Show All Data
- Filter Displayed Items By Date

To view additional data, you can select to show data in 30-Day increments by clicking on “Show Next 30 Days” of Data or you can select “Show All Data”.

HIE Portal – Show All Data

Provider Directory **Mirth Results** Web Mail
Md, Cindy Manning (cindy.manning.md) ▾ Sign Out


Health Current - Promoting Interoperability
Md, Cindy Manning | Shared

Patients
Patient » Ardel, Marilyn

Patient Actions

- [Back to List](#)
- [Download CCD](#)
- [Download CCDA CCD](#)
- [Download Summary PDF](#)
- [Share Summary](#)
- [Send Summary to Me](#)
- [Configure Layout](#)
- [Filter Displayed Items By Date](#)

Ardel, Marilyn

Female 06/07/1942 (78 yrs) (Community ID:528607)

123 HIE TEST PATIENT, Tucson, AZ 85745

Summary
More Patient Information
Patient Groups

Ambulatory Encounters (3) More ▾

<input type="checkbox"/> Date	Admission Type	Source
<input type="checkbox"/> 08/22/2016	Outpatient	ERHC
<input type="checkbox"/> 03/16/2014		DSCH
<input type="checkbox"/> 02/15/2014		DSCH

Conditions (11)

<input type="checkbox"/> Name	Date	Source
<input type="checkbox"/> DIAB...	05/01/2013	DSCH
<input type="checkbox"/> HYPE...	05/01/2013	DSCH

Laboratories (1) Transcriptions (0) More ▾

<input type="checkbox"/> Date	Name	Source
<input type="checkbox"/> 06/01/2009	K	ERHC

Medications (5)

<input type="checkbox"/> Date	Name	Source
<input type="checkbox"/> 10/14/2013	LEVA...	DSCH
<input type="checkbox"/> 12/30/2012	adoso...	DSCH

Allergies (3)

<input type="checkbox"/> Allergen	Reactions	Reported
<input type="checkbox"/> Penici...	Respir...	
<input type="checkbox"/> Cat d...	Produ...	

Procedures (2)

<input type="checkbox"/> Date	Name	Source
<input type="checkbox"/> 05/05/2011	XR C...	DSCH
<input type="checkbox"/> 03/12/2006	Infusi...	DSCH

Immunizations (2)

<input type="checkbox"/> Vaccine	Administered	Dose
<input type="checkbox"/> Hib...	01/01/2011	
<input type="checkbox"/> VE...	04/07/2010	54....

Vitals (2) Social History (0) More ▾

<input type="checkbox"/> Name	Value	Collected
<input type="checkbox"/> Weight	215.0 LBS	
<input type="checkbox"/> Height	70.0 IN	

results

HIE Portal – Patient Summary

The number in parentheses next to each section header indicates the number of data items in that section. You can view clinical messages and download files that pertain to the patient whose data you are viewing.

Patients
Patient » Ardel, Marilyn

Patient Actions

- [Back to List](#)
- [Download CCD](#)
- [Download CCDa CCD](#)
- [Download Summary PDF](#)
- [Share Summary](#)
- [Send Summary to Me](#)
- [Configure Layout](#)
- [Filter Displayed Items By Date](#)

Ardel, Marilyn Female 06/07/1942 (78 yrs) (Community ID:528607)
123 HIE TEST PATIENT, Tucson, AZ 85745

Summary More Patient Information Patient Groups

Ambulatory Encounters (3) Inpatient Encounters (2) More

Date	Admission Type	Source
<input type="checkbox"/> 08/22/2016	Outpatient	ERHC
<input type="checkbox"/> 03/16/2014		DSCH
<input type="checkbox"/> 02/15/2014		DSCH

Procedures (2)

Date	Name	Source
<input type="checkbox"/> 05/05/2011	XR CHEST 1 V...	DSCH
<input type="checkbox"/> 03/12/2006	Infusion of Imm...	DSCH

Conditions (11)

Name	Date	Source
<input type="checkbox"/> DIABETES U...	05/01/2013	DSCH
<input type="checkbox"/> HYPERTENSI...	05/01/2013	DSCH
<input type="checkbox"/> Depression	12/13/2012	DSCH
<input type="checkbox"/> Separation...	06/15/2012	DSCH

Medications (5)

Date	Name	Source
<input type="checkbox"/> 10/14/2013	LEVAQUIN T...	DSCH
<input type="checkbox"/> 12/30/2012	adosopine (ad...	DSCH
<input type="checkbox"/> 08/07/2012	amoprofan (a...	DSCH
<input type="checkbox"/> 08/01/2012	artefane (arte...	DSCH

Immunizations (2)

Vaccine	Administered	Dose
<input type="checkbox"/> Hib-Hep B	01/01/2011	
<input type="checkbox"/> VEE, live	04/07/2010	54.0 mmol/L ...

Laboratories (1) Transcriptions (0) Imaging (1) Other Orders (8)

Date	Name	Source
<input type="checkbox"/> 06/01/2009	K	ERHC

Allergies (3)

Allergen	Reactions	Reported
<input type="checkbox"/> Penicillin	Respiratory di...	
<input type="checkbox"/> Cat dander	Produces hives	
<input type="checkbox"/> Oats	Sneezing (Se...	10/18/2004

Vitals (2)

Name	Value	Collected
<input type="checkbox"/> Weight	215.0 LBS	
<input type="checkbox"/> Height	70.0 IN	

HIE Portal – View Results

1. Click on the More Tab to see other Encounters : Emergency & Inpatient Encounters,

The screenshot displays the Health Current patient portal interface for a patient named Ardel, Marilyn. The page is titled "Patient Actions" and includes a sidebar with navigation options like "Back to List", "Download CCD", and "Share Summary". The main content area shows the patient's summary, including their name, gender, date of birth, and address. Below this, there are several tabs for different medical categories: Ambulatory Encounters (3), Conditions (11), Medications (5), Immunizations (2), Laboratories (1), Transcriptions (0), Allergies (3), and Vitals (2). A "More" dropdown menu is open over the "Ambulatory Encounters" section, showing options for "Other Encounters (2)", "Emergency Encounters (2)", and "Inpatient Encounters (2)".

Patient Actions

- Back to List
- Download CCD
- Download CCDA CCD
- Download Summary PDF
- Share Summary
- Send Summary to Me
- Configure Layout
- Filter Displayed Items By Date

Summary | More Patient Information | Patient Groups

Ambulatory Encounters (3) | More ▾

Date	Source
08/22/2016	DSCH
03/16/2014	DSCH
02/15/2014	DSCH

Other Encounters (2)

- Emergency Encounters (2)
- Inpatient Encounters (2)

Conditions (11)

Name	Date	Source
DIAB...	05/01/2013	DSCH
HYPE...	05/01/2013	DSCH

Medications (5)

Date	Name	Source
10/14/2013	LEVA...	DSCH
12/30/2012	adoso...	DSCH

Immunizations (2)

Vaccine	Administered	Dose
Hib...	01/01/2011	
VE...	04/07/2010	54...

Laboratories (1) | Transcriptions (0) | More ▾

Date	Name	Source
06/01/2009	K	ERHC

Allergies (3)

Allergen	Reactions	Reported
Penici...	Respir...	
Cat d...	Produ...	

Vitals (2) | Social History (0) | More ▾

Name	Value	Collected
Weight	215.0 LBS	
Height	70.0 IN	

results

HIE Portal – View Results

The User will be able to view more detail about the data items in any of the clinical sections.

1. Hover over an item with your mouse cursor, a small pop-up box will appear with a brief overview of the result.

The screenshot shows the Health Current HIE Portal interface for patient Ardel, Marilyn. The patient's information includes: Female, 06/07/1942 (78 yrs), Community ID: 528607, 123 HIE TEST PATIENT, Tucson, AZ 85745. The interface displays various clinical sections: Ambulatory Encounters (3), Procedures (2), Immunizations (2), Laboratories (1), Transcriptions (0), Allergies (3), and Vitals (2). A pop-up box is shown over the 'Attending' field of the 'Labs' section, displaying details: 'Attending: Abbott, James', 'Referring: Unknown', 'Reason: Unspecified preglaucoma', 'Source: TEST Org 1', 'Dates: 10-13-2013 to 10-14-2013', 'Duration: 1 day', 'Subject Type/Class: Unknown / Inpatient', 'Admission Type: Urgent', and 'Encounter (ID): CARDIO (506892413)'. A green arrow points to the 'Emergency' encounter in the 'Ambulatory Encounters' table.

Date	Admission Type	Source
10/13/2013	Urgent	DSCH
10/06/2013	Emergency	DSCH

Date	Name	Source
06/01/2009	K	ERHC

Date	Name	Source
05/05/2011	XR C...	DSCH
03/12/2006	Infusi...	DSCH

Vaccine	Administered	Dose
Hib...	01/01/2011	
VE...	04/07/2010	54...

Allergen	Reactions	Reported
Penici...	Respir...	
Cat d...	Produ...	

Name	Value	Collected
Weight	215.0 LBS	
Height	70.0 IN	

Other Encounters (2)

Emergency Encounters (2)

Inpatient Encounters (2)

HIE Portal – View Results

2. Where appropriate, these pop-up windows may also have links to other related data, such as the links for “View Condition Details” and “View Result Details” which is shown in the example below. When Clicking on the Entry, you will view Result Details.

The screenshot displays a patient's medical record in a web portal. The patient is Ardel, Marilyn, 6/7/1942, Female. The main view shows an 'Inpatient Encounters' summary with details like 'Status: Discharged', 'Admission Type: Urgent', and 'Encounter Reason: Unspecified preglaucoma'. A 'Conditions' table is visible at the bottom, listing several conditions. The 'Essential Hypertension' entry is highlighted with a red box, and its corresponding 'View Condition Details' link is also highlighted with a red box. A green arrow points from this link to a pop-up window titled 'Conditions'. This pop-up window provides detailed information for the selected condition, including the condition type (Diagnosis), name (Essential Hypertension), and source information (Source: TEST Org 1, Received On: Jun 10, 2015 9:15:02 AM).

Name	Type	Date	Details
Essential Hypertension	Diagnosis		View Condition Details
Elevated troponin	Diagnosis		View Condition Details
Fatty liver	Diagnosis		View Condition Details
Unspecified preglaucoma	Diagnosis		View Condition Details

HIE Portal – Downloading Summary PDF

The Download Summary PDF dialog opens in which you are able to specify a date range to download or **download without a specified date range**.

Patient Actions

- Back to List
- Download CCD
- Download CCDA CCD
- Download Summary PDF**
- Share Summary
- Send Summary to Me
- Configure Layout
- Filter Data

Download PDF

Start Date
[/ /]

End Date
[/ /]

Include Clinical Items Without Dates

Download Cancel

DocumentDownload.action 1 / 13

Marilyn Ardel
123 HIE TEST PATIENT Tucson, AZ 85745
Female 06/07/1942

Contact: (520) 990-9999 Community ID: 528907
Guardian: Next of Kin: Marlene Dierbach 6703 Bunting Road Farm Ste 112 Somerville, LA 73720 TEST Org 1

ALLERGIES AND ADVERSE REACTIONS

TYPE/ISSUE/ACQI	REACTION	STATUS	START DATE	LAST SOURCE
Drug (I)	Severe Swelling		10/18/2004	TEST Org 1
Procedure (I)	Respiratory distress			TEST Org 1
Cat allergen (I)	Produce hives			TEST Org 1

ENCOUNTERS

CLASS	DESCRIPTION	STATUS	ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	DATA SOURCE
Outpatient (Outpatient)	Outpatient	Attending	MD Dorcas Alvarez			08/22/2016 - (No End Date)	EI Ho Health Center

Results

PLAN	DATE	NAME	SOURCE	ORDERING PROVIDER
	Mon Jun 01 10:13:00 MST 2009	K	EI Ho Health Center	

Results

CLASS	DESCRIPTION	STATUS	ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	DATA SOURCE
E (CR)	E Admitted	Attending	STEVE PACUJA		ER	08/08/2014 - (No End Date)	TEST Org 1

Report contains Protected Health Information. Do not share. Page 1 of 13

Report contains Protected Health Information. Do not share. Page 2 of 13

Report contains Protected Health Information. Do not share. Page 3 of 13

Report contains Protected Health Information. Do not share. Page 4 of 13

Report contains Protected Health Information. Do not share. Page 5 of 13

Report contains Protected Health Information. Do not share. Page 6 of 13

Report contains Protected Health Information. Do not share. Page 7 of 13

Report contains Protected Health Information. Do not share. Page 8 of 13

Report contains Protected Health Information. Do not share. Page 9 of 13

Report contains Protected Health Information. Do not share. Page 10 of 13

Report contains Protected Health Information. Do not share. Page 11 of 13

Report contains Protected Health Information. Do not share. Page 12 of 13

Report contains Protected Health Information. Do not share. Page 13 of 13

HIE Portal – Downloading Summary PDF

The Download Summary PDF dialog opens in which you are able to **specify a date range to download** or download without a specified date range.

Patient Actions

- Back to List
- Download CCD
- Download CCDA CCD
- Download Summary PDF**
- Share Summary
- Send Summary to Me
- Configure Layout
- Filter Date

Download PDF

Start Date
02/01/2014

End Date
03/31/2014

Include Clinical Items Without Dates

Download Cancel

DocumentDownload.action 1 / 4

Refresh Download Print

Marilyn Ardel
123 HIE TEST PATIENT Tucson, AZ 85745
Female 05/07/1942

Contact: (520) 900-0000 Community ID: 528607

Guardian: Next of Kin: Marlene Chonabin
0753 Burning Rabbit Farm
Box 112
Somerville, LA 73720
TEST Org 1

ENCOUNTERS

CLASS/ADMISSION TYPE	SERVICE	STATUS	ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	SOURCE
O	SRV		Abandoning: Dr. James Ardel			02/15/2014 - (No End Date)	TEST Org 1

Diagnoses and Conditions

NAME	TYPE	EFFECTIVE DATES
HYPERTENSION	Diagnosis	Wed May 01 10:30:05 MST 2013
DIABETES UNCOMPL. TYPE II	Diagnosis	Wed May 01 10:30:05 MST 2013

ENCOUNTERS

CLASS/ADMISSION TYPE	SERVICE	STATUS	ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	SOURCE
O	SRV		Abandoning: Dr. James Ardel			02/15/2014 - (No End Date)	TEST Org 1

Report contains Protected Health Information. Do not share. Page 1 of 4

Generated at 02/15/2020 08:03 AM for ML Cindy Manning

PART AND DATE	DOSE	FAHLS	ADMINISTRATION	STATUS	DATA SOURCE
80152012 - 02/04/2014	15.0	2/3	Admin Instructions	Unable to write	TEST Org 1
22020012 - 02/05/2014	17.0	4/5	Admin Instructions		TEST Org 1
01050013 - 03/05/2014	15.0	2/3	Admin Instructions		TEST Org 1
81052012 - 02/07/2014	12.0	0/1	Admin Instructions		TEST Org 1
81052013 - 02/07/2014	Units				TEST Org 1

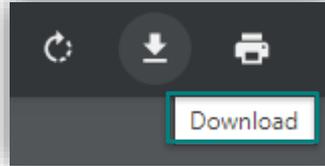
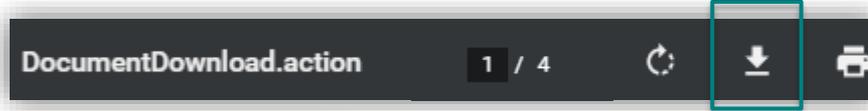
Flag: General, Low, High
Abnormal: ! ↑ ↓ Critical: ● ● ● ● Severe: ▲ ● ● ●

Flag: General, Low, High
Abnormal: ! ↑ ↓ Critical: ● ● ● ● Severe: ▲ ● ● ●

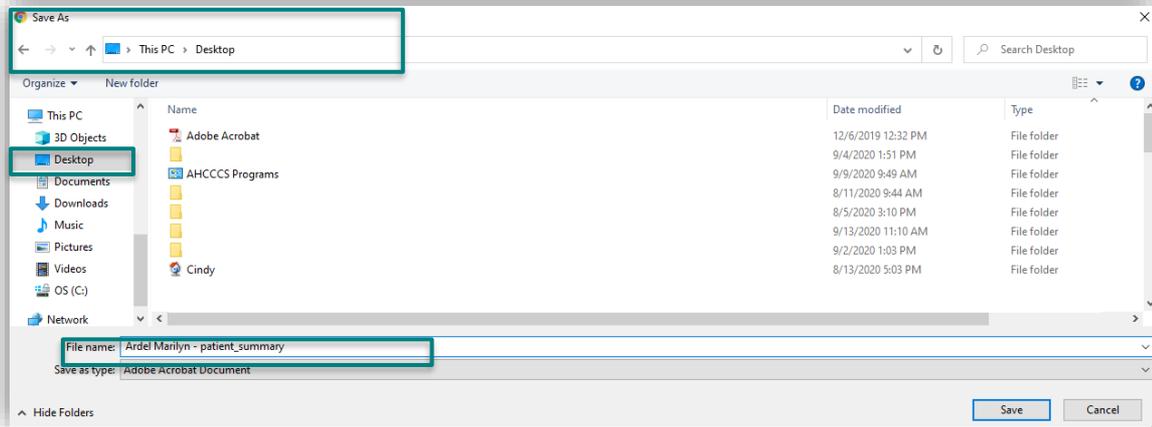
Flag: General, Low, High
Abnormal: ! ↑ ↓ Critical: ● ● ● ● Severe: ▲ ● ● ●

HIE Portal – Downloading, Sharing, Sending Encounter

1. Download Document

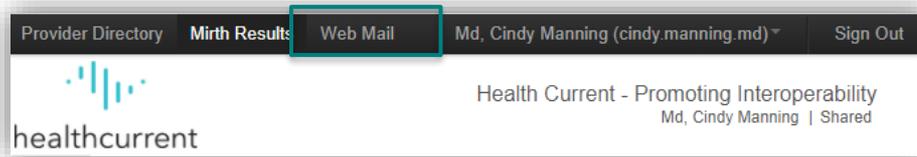


2. Download to (Desktop)

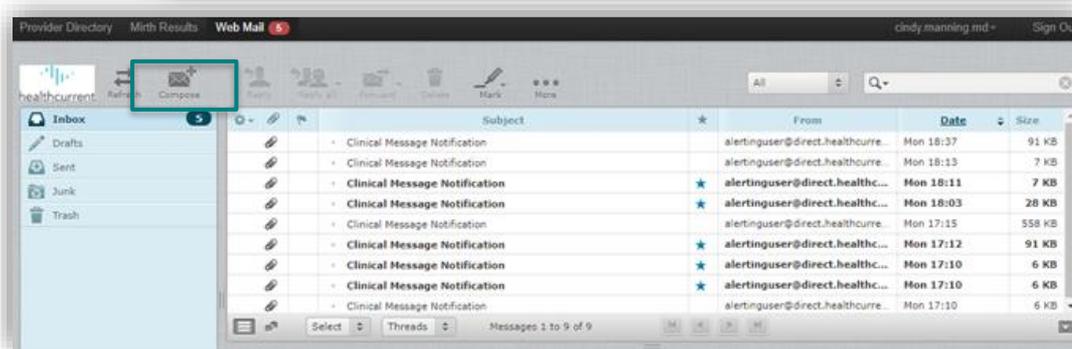


HIE Portal – Downloading, Sharing, **Sending Encounter**

1. Select Web Mail



2. Select Compose

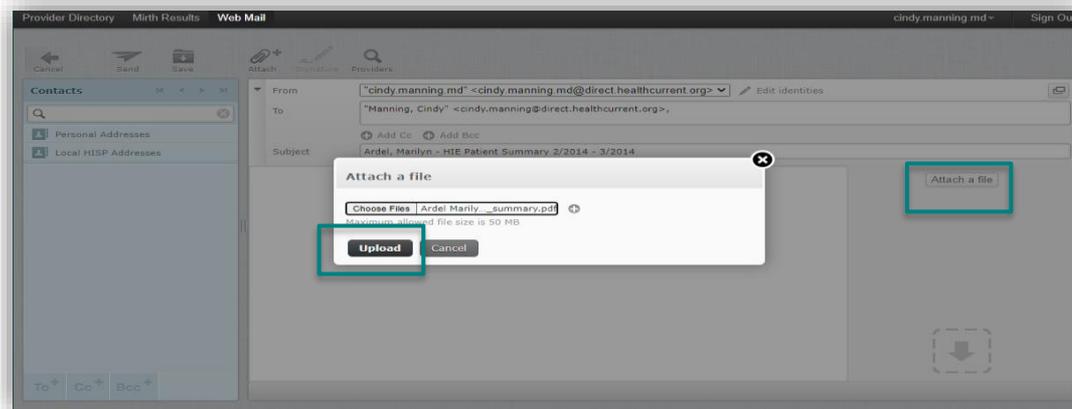


3. Select Recipient

4. Select Attach a File

(Saved File on Desktop)

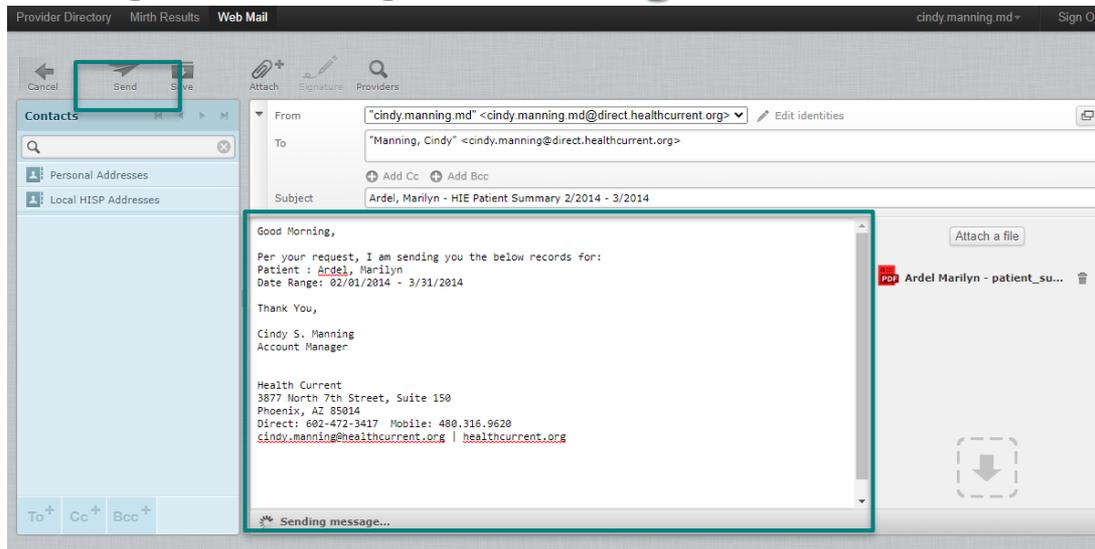
5. Select Upload



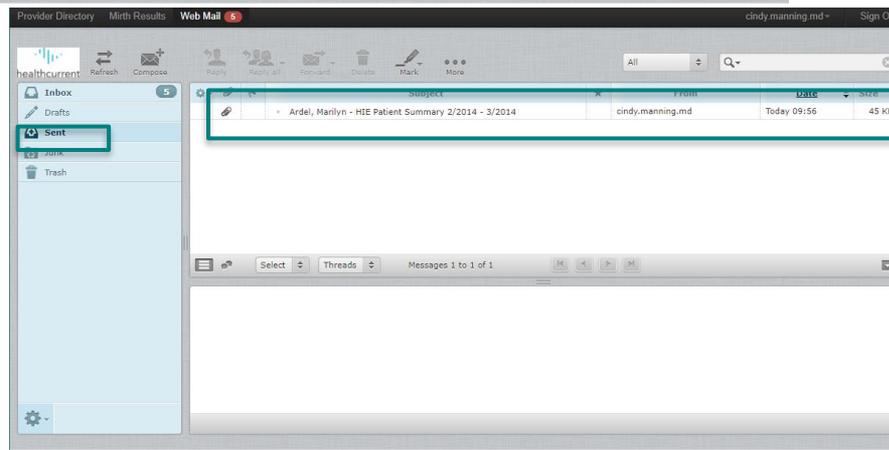
HIE Portal – Downloading, Sharing, **Sending Encounter**

6. Compose Message

7. Select Send

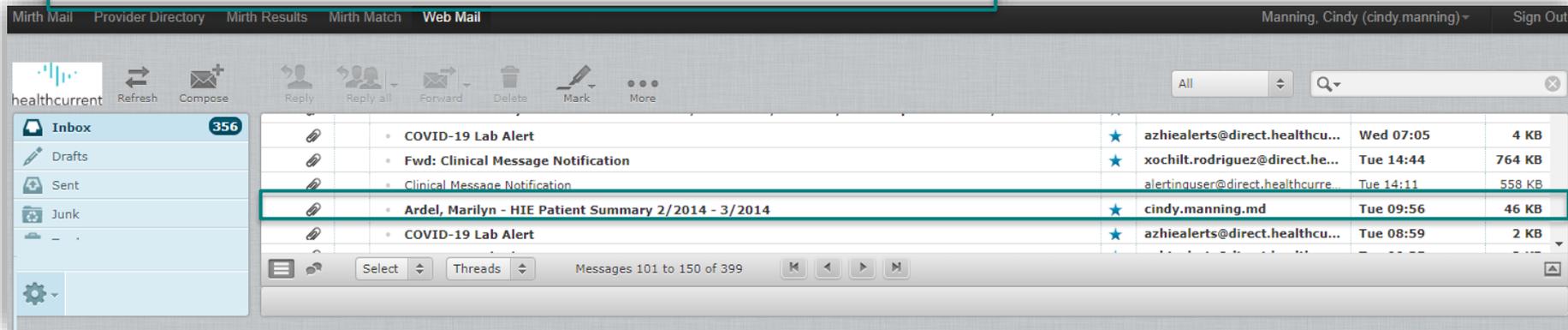
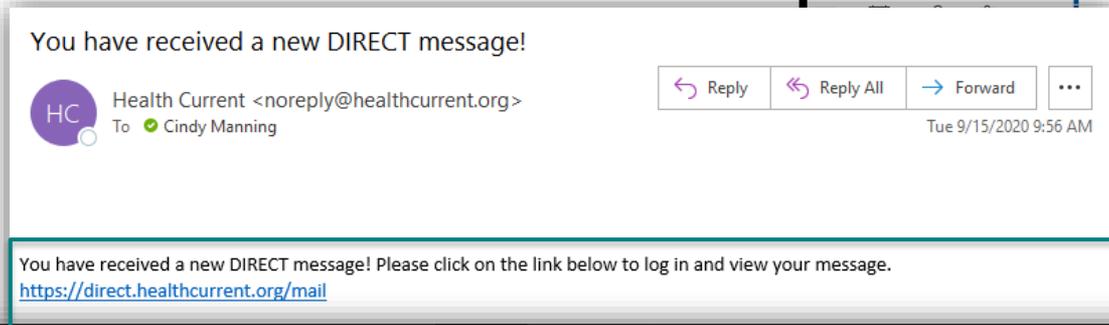
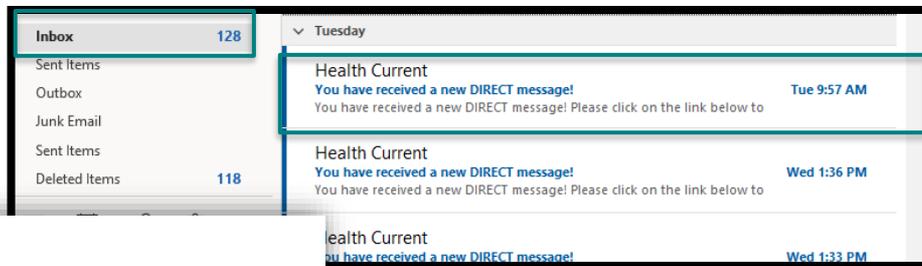


8. Confirm Message Sent



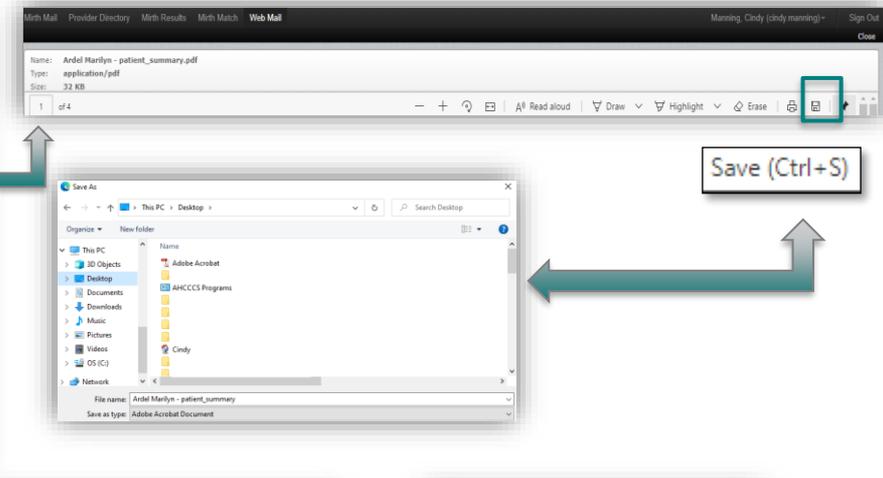
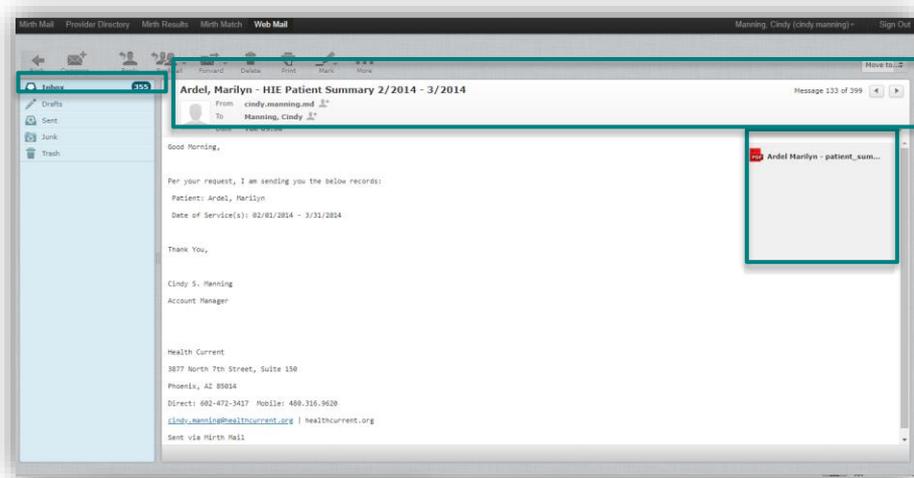
HIE Portal – Downloading, Sharing, Receiving Encounter

9. Receiving Alert Notification in Organization Email



HIE Portal – Downloading, Sharing, Receiving Encounter

10. Opening Encounter in Mirth Web Mail



Marilyn Ardel

123 HIE TEST PATIENT Tucson, AZ 85745
 Female 06071942

Contact: (520) 294-0888 Community ID: 82627
 Gender: Not of VC: Mailing Director
 210 Spring/Kaiser Park
 Sh-12
 San Diego, CA 92122
 TEST Org 1

ENCOUNTERS

CLASS	AMOUNT	TYPE	SERVICE	ASSIGNED PROVIDER	LOCATION	FACILITY	ENCOUNTER DATE	STATUS
Q	0	SLR	Abdominal	Dr. James	Abdom		02/02/2014 - 03/31/2014	TEST Org 1

Diagnoses and Conditions

NAME	TYPE	EFFECTIVE DATE
HYPERTENSION	Diagnosis	02/02/2014 - 03/31/2014
DIABETES (INCOMP TYPE 1)	Diagnosis	02/02/2014 - 03/31/2014

ENCOUNTERS

CLASS	AMOUNT	TYPE	SERVICE	ASSIGNED PROVIDER	LOCATION	FACILITY	ENCOUNTER DATE	STATUS
Q	0	SLR	Abdominal	Dr. James	Abdom		02/02/2014 - 03/31/2014	TEST Org 1

MEDICATIONS

RECIPIENT NAME	PROVIDER	START DATE	STOP DATE	ROUTE	ADMINISTRATION	STATUS	TEST ORG
Marilyn Ardel	Marilyn Manning	02/02/2014	03/31/2014	ORAL	ADMINISTRATION	LINKED TO	TEST ORG
Marilyn Ardel	Laura Thompson	02/02/2014	03/31/2014	ORAL	ADMINISTRATION	LINKED TO	TEST ORG
Marilyn Ardel	Laura Thompson	02/02/2014	03/31/2014	ORAL	ADMINISTRATION	LINKED TO	TEST ORG

INSURANCE PROVIDERS

CLASS	PLAN	TYPE	COVERAGE	START DATE	STOP DATE	STATUS	TEST ORG
Q	SELF PAY	SELF PAY	SELF PAY	02/02/2014	03/31/2014	LINKED TO	TEST ORG
Q	SELF PAY	SELF PAY	SELF PAY	02/02/2014	03/31/2014	LINKED TO	TEST ORG
Q	SELF PAY	SELF PAY	SELF PAY	02/02/2014	03/31/2014	LINKED TO	TEST ORG

RESULTS

Order Type: Unknown Or Undefined

ORDER ID	FLACID ORDER ID	FLACID ORDER ID	PROVIDER ON ORDER	INTERPRETATION
3	LAB03	LAB03	Abdominal	Abdominal

Reported On: 02/19/2014 01:10 PM

NAME	VALUE	UNITS	DATA SOURCE
Urea Nitrogen	110.0	mg/dL	DOCH
Urea Nitrogen	35.0	mg/dL	DOCH
Total Cholesterol	200.0	mg/dL	DOCH
Triglycerides	200.0	mg/dL	DOCH

SPECIMENS

ID	Source	Body Location	Received Date
1	DOCH		

PERFORMING FACILITIES

TEST ORG 1

Order Type: Unknown Or Undefined

ORDER ID	FLACID ORDER ID	FLACID ORDER ID	PROVIDER ON ORDER	INTERPRETATION
4	LAB04	LAB04	Abdominal	Abdominal

Reported On: 02/19/2014 01:10 PM

NAME	VALUE	UNITS	DATA SOURCE
Urea Nitrogen	90.0	mg/dL	DOCH
Urea Nitrogen	30.0	mg/dL	DOCH
Total Cholesterol	100.0	mg/dL	DOCH
Triglycerides	100.0	mg/dL	DOCH

SPECIMENS

ID	Source	Body Location	Received Date
1	DOCH		

PERFORMING FACILITIES

TEST ORG 1

Order Type: Unknown Or Undefined

ORDER ID	FLACID ORDER ID	FLACID ORDER ID	PROVIDER ON ORDER	INTERPRETATION
4	LAB04	LAB04	Abdominal	Abdominal

Reported On: 02/19/2014 01:10 PM

NAME	VALUE	UNITS	DATA SOURCE
Urea Nitrogen	110.0	mg/dL	DOCH
Urea Nitrogen	35.0	mg/dL	DOCH
Total Cholesterol	200.0	mg/dL	DOCH
Triglycerides	200.0	mg/dL	DOCH

SPECIMENS

ID	Source	Body Location	Received Date
1	DOCH		

PERFORMING FACILITIES

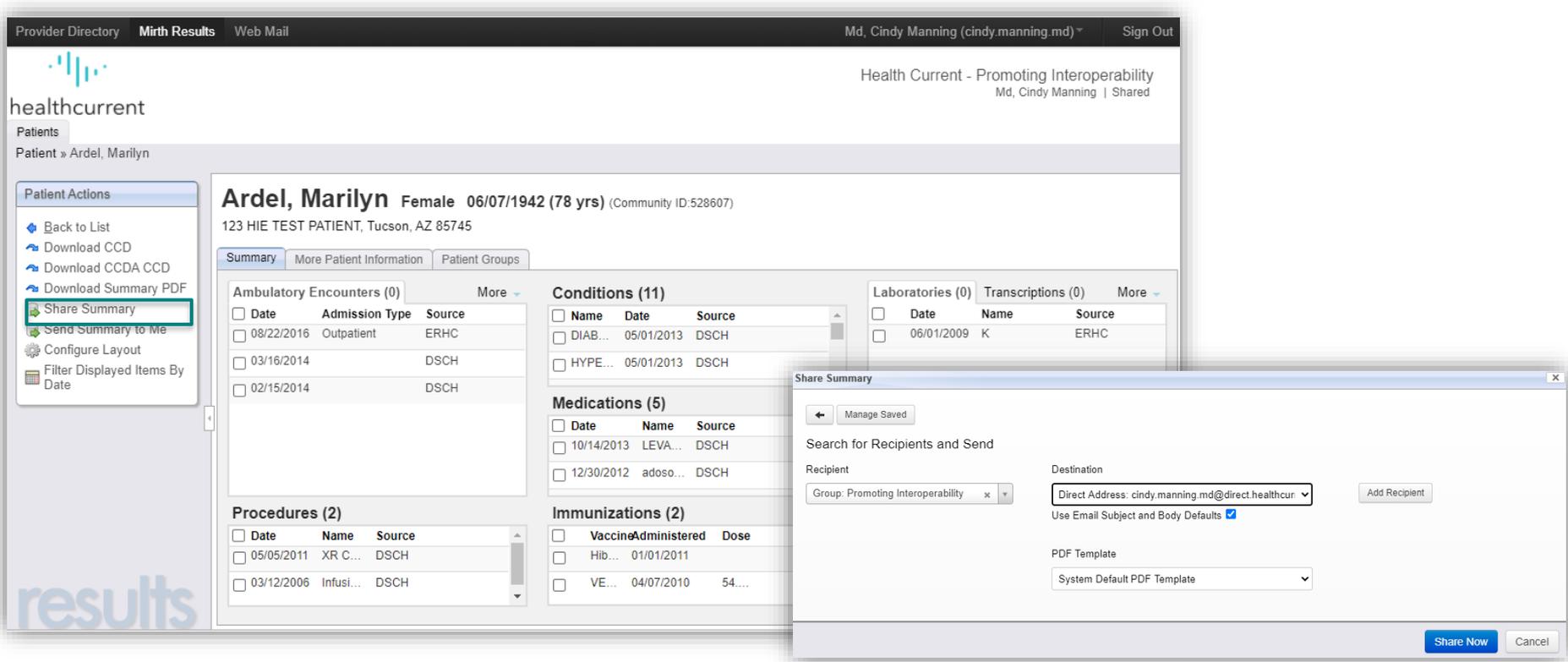
TEST ORG 1

Order Type: Unknown Or Undefined

ORDER ID	FLACID ORDER ID	FLACID ORDER ID	PROVIDER ON ORDER	INTERPRETATION
4	LAB04	LAB04	Abdominal	Abdominal

HIE Portal – Share Patient Summary

Using the ‘Patient Actions’ box on the ‘Summary’ tab allows the user to send a summary of the patient’s record to other providers and/or download a summary for their organization’s records in both machine and human readable format.



The screenshot displays the Health Current HIE Portal interface. At the top, navigation links include 'Provider Directory', 'Mirth Results', and 'Web Mail'. The user is identified as 'Md, Cindy Manning (cindy.manning.md)' with a 'Sign Out' option. The main header reads 'Health Current - Promoting Interoperability' and 'Md, Cindy Manning | Shared'.

The patient profile for 'Ardel, Marilyn Female 06/07/1942 (78 yrs)' is shown, with address '123 HIE TEST PATIENT, Tucson, AZ 85745'. The 'Summary' tab is active, displaying several data sections:

- Ambulatory Encounters (0):** A table with columns 'Date', 'Admission Type', and 'Source'.

Date	Admission Type	Source
08/22/2016	Outpatient	ERHC
03/16/2014		DSCH
02/15/2014		DSCH
- Conditions (11):** A table with columns 'Name', 'Date', and 'Source'.

Name	Date	Source
DIAB...	05/01/2013	DSCH
HYPE...	05/01/2013	DSCH
- Medications (5):** A table with columns 'Date', 'Name', and 'Source'.

Date	Name	Source
10/14/2013	LEVA...	DSCH
12/30/2012	adoso...	DSCH
- Immunizations (2):** A table with columns 'Vaccine', 'Administered', and 'Dose'.

Vaccine	Administered	Dose
Hib...	01/01/2011	
VE...	04/07/2010	54....
- Procedures (2):** A table with columns 'Date', 'Name', and 'Source'.

Date	Name	Source
05/05/2011	XR C...	DSCH
03/12/2006	Infusi...	DSCH

The 'Patient Actions' sidebar on the left includes options like 'Back to List', 'Download CCD', and 'Share Summary' (highlighted with a red box). A 'Share Summary' dialog box is open in the foreground, showing a 'Manage Saved' button, a search field for recipients, and a dropdown menu for the destination (set to 'Direct Address: cindy.manning.md@direct.healthcur...'). The dialog also includes a 'Share Now' button and a 'Cancel' button.

HIE Portal – Share Patient Summary

Row 1 : Message was successfully sent.

Provider Directory Mirth Results **Web Mail 5** cindy.manning.md + Sign Out

healthcurrent Refresh Compose Reply Reply all Forward Delete Mark More

All Q

	Subject	From	Date	Size
	• Clinical Message Notification	alertinguser@direct.healthcurre...	Today 18:37	91 KB
	• Clinical Message Notification	alertinguser@direct.healthcurre...	Today 18:13	7 KB
	• Clinical Message Notification	★ alertinguser@direct.healthc...	Today 18:11	7 KB
	• Clinical Message Notification	★ alertinguser@direct.healthc...	Today 18:03	28 KB
	• Clinical Message Notification	alertinguser@direct.healthcurre...	Today 17:15	558 KB
	• Clinical Message Notification	★ alertinguser@direct.healthc...	Today 17:12	91 KB
	• Clinical Message Notification	★ alertinguser@direct.healthc...	Today 17:10	6 KB
	• Clinical Message Notification	★ alertinguser@direct.healthc...	Today 17:10	6 KB
	• Clinical Message Notification	alertinguser@direct.healthcurre...	Today 17:10	6 KB

Select Threads Messages 1 to 9 of 9

Clinical Message Notification From alertinguser@direct.healthcurrent.org + Date Today 18:37

This is a clinical message notification.

Please see attachment for the message that matched your subscription policies.

Sent via Mirth Mail

clinical_message.pdf

HIE Portal – Share Patient Summary

Marilyn Ardel

123 HIE TEST PATIENT Tucson, AZ 85745

Female 06/07/1942

Contact: (520) 000-0000 Community ID: 528607

Guardian: Next of Kin: Mariana Dinerstein
0753 Burning Rabbit Farm
Site 112
Somerville, LA 75720
TEST Org 1

Table of Contents

- Allergies and Adverse Reactions
- Encounters
- Immunizations
- Medications
- Insurance Providers
- Problems, Conditions, and Diagnoses
- Surgeries/Procedures
- Results
- Vital Signs

ALLERGIES AND ADVERSE REACTIONS

TYPE (SUBSTANCE)	REACTION	STATUS	START DATE	DATA SOURCE
Cats ()	Severe Sneezing		10/18/2004	TEST Org 1
Penicillin ()	Respiratory distress			TEST Org 1
Cat dander ()	Produces hives			TEST Org 1

ENCOUNTERS

CLASS (ADMISSION TYPE)	SERVICE	STATUS	ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	DATA SOURCE
Outpatient (Outpatient)	Outpatient		Attending: MD Denise Ahsam			08/22/2016 - (No End Date)	Ei Rio Health Center

Results

FLAG	DATE	NAME	SOURCE	ORDERING PROVIDER
	Mon Jan 01 10:13:00 MST 2009	K	Ei Rio Health Center	TEST PROVIDER

CLASS (ADMISSION TYPE)	SERVICE	STATUS	ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	DATA SOURCE
E (ER)	E	Admitted	Attending: STEVE PADUA		ER	09/08/2014 - (No End Date)	TEST Org 1

Results

Report contains Protected Health Information. Do not share.

Diagnoses and Conditions

Report contains Protected Health Information. Do not share.

Page 2 of 12

Generated at 09/14/2020 06:37 PM for Notifications

NAME	SOURCE	ORDERING PROVIDER
CT ABD/PELVIS W/IV CONTRAST	TEST Org 1	

TYPE	EFFECTIVE DATES
Diagnose	Wed May 01 10:30:05 MST 2013
Diagnose	Wed May 01 10:30:05 MST 2013

ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	DATA SOURCE
Attending: Dr. James Abbott			02/15/2014 - (No End Date)	TEST Org 1

ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	DATA SOURCE
			10/24/2013 - 10/24/2013	TEST Org 1

NAME	SOURCE	ORDERING PROVIDER
Comp. Metabolic Panel (14), Amylase, Serum, Lipase, Serum	TEST Org 1	

ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	DATA SOURCE
Attending: Dr. James Abbott			10/13/2013 - 10/14/2013	TEST Org 1
Attending: Dr. James Abbott				

Generated at 09/14/2020 06:37 PM for Notifications

NAME	DATE
	Mon Oct 14 11:13:05 MST 2013

NAME	DATE
	Mon Oct 14 11:13:05 MST 2013

ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	DATA SOURCE
			10/06/2013 - 10/15/2013	TEST Org 1

NAME	DATE

STATUS	DATE
	Sat Jan 01 01:00:00 MST 2011

ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	DATA SOURCE
			08/01/2012 - 03/24/2013	TEST Org 1

ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	DATA SOURCE

Page 3 of 12

XR CHEST 1 VIEW PA

Report contains Protected Health Information. Do not share.

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Generated at 09/14/2020 06:37 PM for Notifications

TYPE	EFFECTIVE DATES
Final	Sun Jan 29 01:00:00 MST 2012
Discharge	Fri Aug 26 00:00:00 MST 2011
Admission	Wed Nov 05 01:00:00 MST 2003

ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	DATA SOURCE

AUTHORING PROVIDER

Daniel Fuss

NAME	DATE
17.0 Units	Sun Dec 30 01:00:00 MST 2012
15.0 Units	Mon Mar 05 01:00:00 MST 2012
15.0 Units	Wed Aug 01 00:00:00 MST 2012
12.0 Units	Tue Aug 07 00:00:00 MST 2012

NAME	SOURCE	ORDERING PROVIDER
MaxiBlok W/O. Hepatitis B Surface Antibody (Quant)	TEST Org 1	
myLabx Comp Metabolic Panel	TEST Org 1	

ADMINISTERING FACILITY	STATUS	DATE
Clinic J		Wed Apr 07 00:00:00 MST 2010

ASSOCIATED PROVIDERS	LOCATION	ASSIGNED FACILITY	ENCOUNTER DATE	DATA SOURCE
Attending: Alice Nguyen		DSCH	05/05/2011 - (No End Date)	TEST Org 1

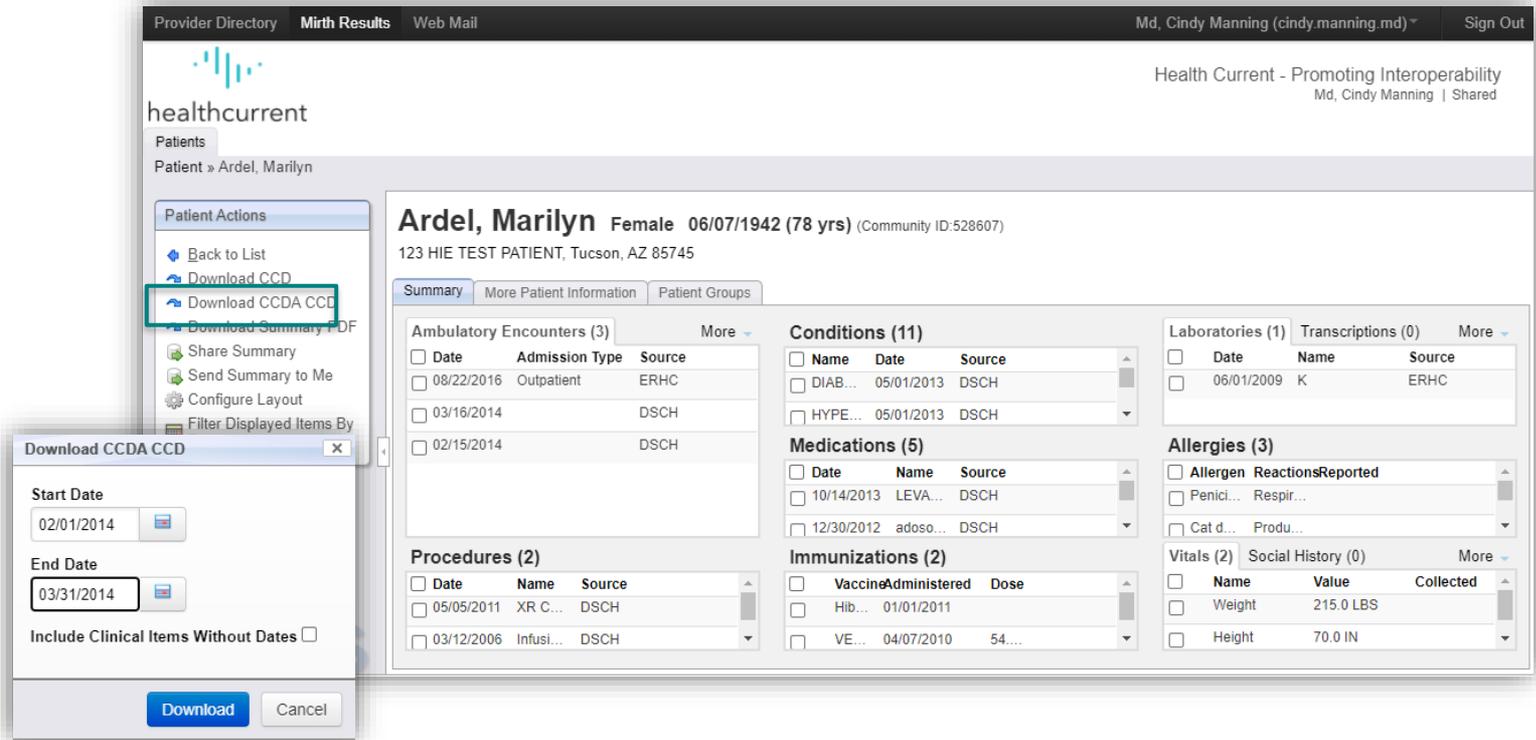
SARAH HILL

AUTHORING PROVIDER

SARAH HILL

HIE Portal – Downloading, Sharing, Sending CCDA

The Download a Consolidated Clinical Document Architecture (CCDA) CCD dialog opens in which you specify a date range for a summary file to be downloaded as a CCDA CCD.



The screenshot displays the healthcurrent HIE Portal interface for a patient named Ardel, Marilyn. The patient's information includes her date of birth (06/07/1942), age (78 yrs), and address (123 HIE TEST PATIENT, Tucson, AZ 85745). The main content area shows various medical data points categorized into Ambulatory Encounters, Conditions, Medications, Immunizations, Procedures, Laboratories, Transcriptions, Allergies, and Vitals. A 'Patient Actions' menu on the left includes options like 'Download CCD' and 'Download CCDA CCD', with the latter being highlighted. A 'Download CCDA CCD' dialog box is open in the foreground, allowing the user to specify a date range for the download. The dialog box contains fields for 'Start Date' (02/01/2014) and 'End Date' (03/31/2014), and a checkbox for 'Include Clinical Items Without Dates'. The dialog box has 'Download' and 'Cancel' buttons at the bottom.

Download CCDA CCD

Start Date: 02/01/2014

End Date: 03/31/2014

Include Clinical Items Without Dates

Download Cancel

Ardel, Marilyn Female 06/07/1942 (78 yrs) (Community ID:528607)
123 HIE TEST PATIENT, Tucson, AZ 85745

Ambulatory Encounters (3)

Date	Admission Type	Source
08/22/2016	Outpatient	ERHC
03/16/2014		DSCH
02/15/2014		DSCH

Conditions (11)

Name	Date	Source
DIAB...	05/01/2013	DSCH
HYPE...	05/01/2013	DSCH

Medications (5)

Date	Name	Source
10/14/2013	LEVA...	DSCH
12/30/2012	adoso...	DSCH

Immunizations (2)

Vaccine	Administered	Dose
Hib...	01/01/2011	
VE...	04/07/2010	54....

Procedures (2)

Date	Name	Source
05/05/2011	XR C...	DSCH
03/12/2006	Infusi...	DSCH

Laboratories (1)

Date	Name	Source
06/01/2009	K	ERHC

Allergies (3)

Allergen	Reactions	Reported
Penici...	Respir...	
Cat d...	Produ...	

Vitals (2)

Name	Value	Collected
Weight	215.0 LBS	
Height	70.0 IN	

HIE Portal – Downloading, Sharing, Sending CCDA

The screenshot displays the Health Current patient portal interface. At the top, navigation links include 'Provider Directory', 'Mirth Results', and 'Web Mail'. The user is identified as 'Md. Cindy Manning (cindy.manning.md)' with a 'Sign Out' option. The patient's name, 'Ardel, Marilyn', is highlighted in a red box. Below the patient name, the text '123 HIE TEST PATIENT, Tucson, AZ 85745' is visible. On the left, a 'Patient Actions' menu is shown, with 'Share Summary' highlighted in a red box. The main content area is divided into several sections: 'Ambulatory Encounters (3)', 'Conditions (11)', 'Medications (5)', 'Immunizations (2)', 'Procedures (2)', 'Laboratories (1)', 'Transcriptions (0)', 'Allergies (3)', and 'Vitals (2)'. Each section contains a table of data points.

Patient Information:
Ardel, Marilyn Female 06/07/1942 (78 yrs) (Community ID 528607)
 123 HIE TEST PATIENT, Tucson, AZ 85745

Patient Actions:
 Back to List
 Download CCD
 Download CCDA CCD
 Download Summary PDF
Share Summary
 Send Summary to Me
 Configure Layout
 Filter Displayed Items By Date

Ambulatory Encounters (3)

Date	Admission Type	Source
08/22/2016	Outpatient	ERHC
03/16/2014		DSCH
02/15/2014		DSCH

Conditions (11)

Name	Date	Source
DIAB...	05/01/2013	DSCH
HYPE...	05/01/2013	DSCH

Medications (5)

Date	Name	Source
10/14/2013	LEVA...	DSCH
12/30/2012	adoco...	DSCH

Immunizations (2)

Vaccine Administered	Dose
Hb...	01/01/2011
VE...	04/07/2010 54...

Procedures (2)

Date	Name	Source
05/05/2011	XR C...	DSCH
03/12/2006	Infusi...	DSCH

Laboratories (1)

Date	Name	Source
06/01/2009	K	ERHC

Allergies (3)

Allergen	Reactions Reported
Penicil...	Respir...
Cat d...	Produ...

Vitals (2)

Name	Value	Collected
Weight	215.0 LBS	
Height	70.0 IN	

HIE Portal – Downloading, Sharing, Sending CCDA

Provider Directory Mirth Results Web Mail Md, Cindy Manning (cindy.manning.md) Sign Out

healthcurrent Health Current - Promoting Interoperability
Md, Cindy Manning | Shared

Patients Patient » Ardel, Marilyn

Share Summary

Search for Recipients and Send

Recipient: Promo

Destination: [Dropdown]

Group: Promoting Interoperability

Direct Address: cindy.manning.md@direct.healthcurrent.org (CCD)

Direct Address: cindy.manning.md@direct.healthcurrent.org (PDF)

Direct Address: cindy.manning@direct.healthcurrent.org (PDF)

Ad-Hoc

Direct Address (CCD)

Direct Address (PDF)

Fax

Share Now Cancel

Message was successfully sent.

Date	Name	Source
05/05/2011	XR C...	DSCH
03/12/2006	Infusi...	DSCH

Vaccine Administered	Dose
Hib...	01/01/2011
VE...	04/07/2010 54...

Provider Directory Mirth Results Web Mail Md, Cindy Manning (cindy.manning.md) Sign Out

healthcurrent Health Current - Promoting Interoperability
Md, Cindy Manning **Shared**

Patients Patient » Ardel, Marilyn

HIE Portal – Downloading, Sharing, Sending CCDA

Provider Directory Mirth Results Web Mail Md, Cindy Manning (cindy.manning.md) Sign Out

Health Current - Promoting Interoperability
Md, Cindy Manning Shared

healthcurrent
Patients
Patient » Ardel, Marilyn

Provider Directory Mirth Results Web Mail Md, Cindy Manning (cindy.manning.md) Sign Out

Health Current - Promoting Interoperability
Md, Cindy Manning Shared

healthcurrent
Patients

Advanced Search

Shared Item Actions
Refresh List

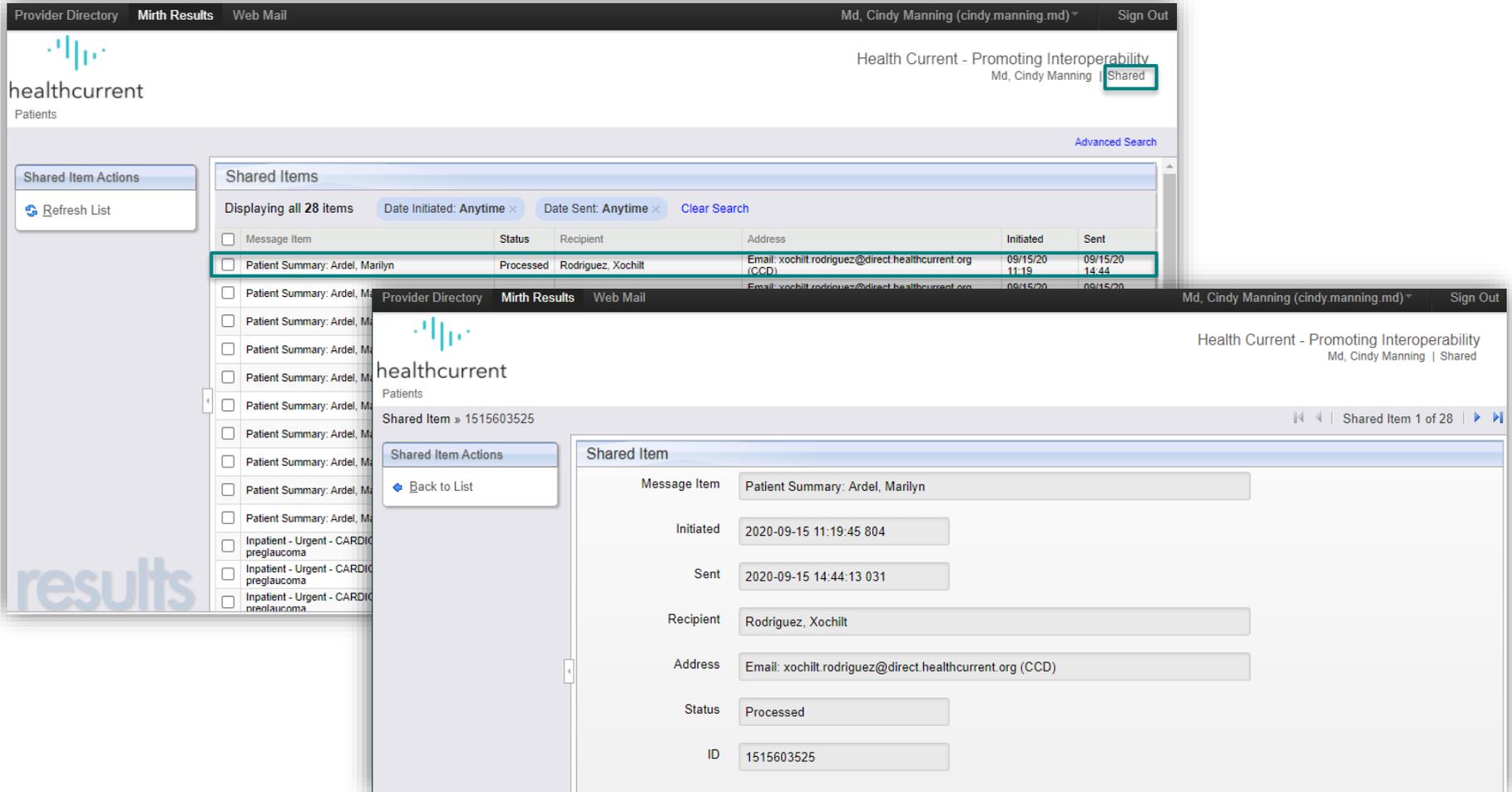
Shared Items

Displaying all 28 items Date Initiated: Anytime x Date Sent: Anytime x Clear Search

<input type="checkbox"/> Message Item	Status	Recipient	Address	Initiated	Sent
<input type="checkbox"/> Patient Summary: Ardel, Marilyn	Processed	Rodriguez, Xochilt	Email: xochilt.rodriguez@direct.healthcurrent.org (CCD)	09/15/20 11:19	09/15/20 14:44
<input type="checkbox"/> Patient Summary: Ardel, Marilyn	Processed	Rodriguez, Xochilt	Email: xochilt.rodriguez@direct.healthcurrent.org (CCD)	09/15/20 11:16	09/15/20 14:43
<input type="checkbox"/> Patient Summary: Ardel, Marilyn	Processed	Rodriguez, Xochilt	Email: xochilt.rodriguez@direct.healthcurrent.org (CCD)	09/15/20 11:12	09/15/20 14:35
<input type="checkbox"/> Patient Summary: Ardel, Marilyn	Processed	Rodriguez, Xochilt	Email: xochilt.rodriguez@direct.healthcurrent.org (CCD)	09/15/20 11:09	09/15/20 14:35
<input type="checkbox"/> Patient Summary: Ardel, Marilyn	Processed	Promoting Interoperability	Email: cindy.manning@direct.healthcurrent.org (CCD)	09/15/20 11:02	09/15/20 14:11
<input type="checkbox"/> Patient Summary: Ardel, Marilyn	Processed	Promoting Interoperability	Email: cindy.manning.md@direct.healthcurrent.org (CCD)	09/15/20 10:57	09/15/20 13:55
<input type="checkbox"/> Patient Summary: Ardel, Marilyn	Processed	Promoting Interoperability	Email: cindy.manning.md@direct.healthcurrent.org (PDF)	09/15/20 10:44	09/15/20 13:40
<input type="checkbox"/> Patient Summary: Ardel, Marilyn	Processed	Promoting Interoperability	Email: cindy.manning.md@direct.healthcurrent.org (CCD)	09/15/20 10:40	09/15/20 13:32
<input type="checkbox"/> Patient Summary: Ardel, Marilyn	Processed	Promoting Interoperability	Email: cindy.manning.md@direct.healthcurrent.org (CCD)	09/15/20 10:34	09/15/20 13:25
<input type="checkbox"/> Patient Summary: Ardel, Marilyn	Processed	Promoting Interoperability	Email: cindy.manning.md@direct.healthcurrent.org (PDF)	09/14/20 18:37	09/14/20 18:37
<input type="checkbox"/> Inpatient - Urgent - CARDIO - Unspecified preglaucoma	Processed	Promoting Interoperability	Email: cindy.manning.md@direct.healthcurrent.org (PDF)	09/14/20 18:13	09/14/20 18:13
<input type="checkbox"/> Inpatient - Urgent - CARDIO - Unspecified preglaucoma	Processed	Promoting Interoperability	Email: cindy.manning.md@direct.healthcurrent.org (PDF)	09/14/20 18:11	09/14/20 18:11
<input type="checkbox"/> Inpatient - Urgent - CARDIO - Unspecified preglaucoma	Processed	Promoting Interoperability	Email: cindy.manning.md@direct.healthcurrent.org (CCD)	09/14/20 18:03	09/14/20 18:03

results

HIE Portal – Downloading, Sharing, Sending CCDA



The screenshot displays the Health Current HIE Portal interface. At the top, navigation tabs include "Provider Directory", "Mirth Results", and "Web Mail". The user is identified as "Md, Cindy Manning (cindy.manning.md)" with a "Sign Out" option.

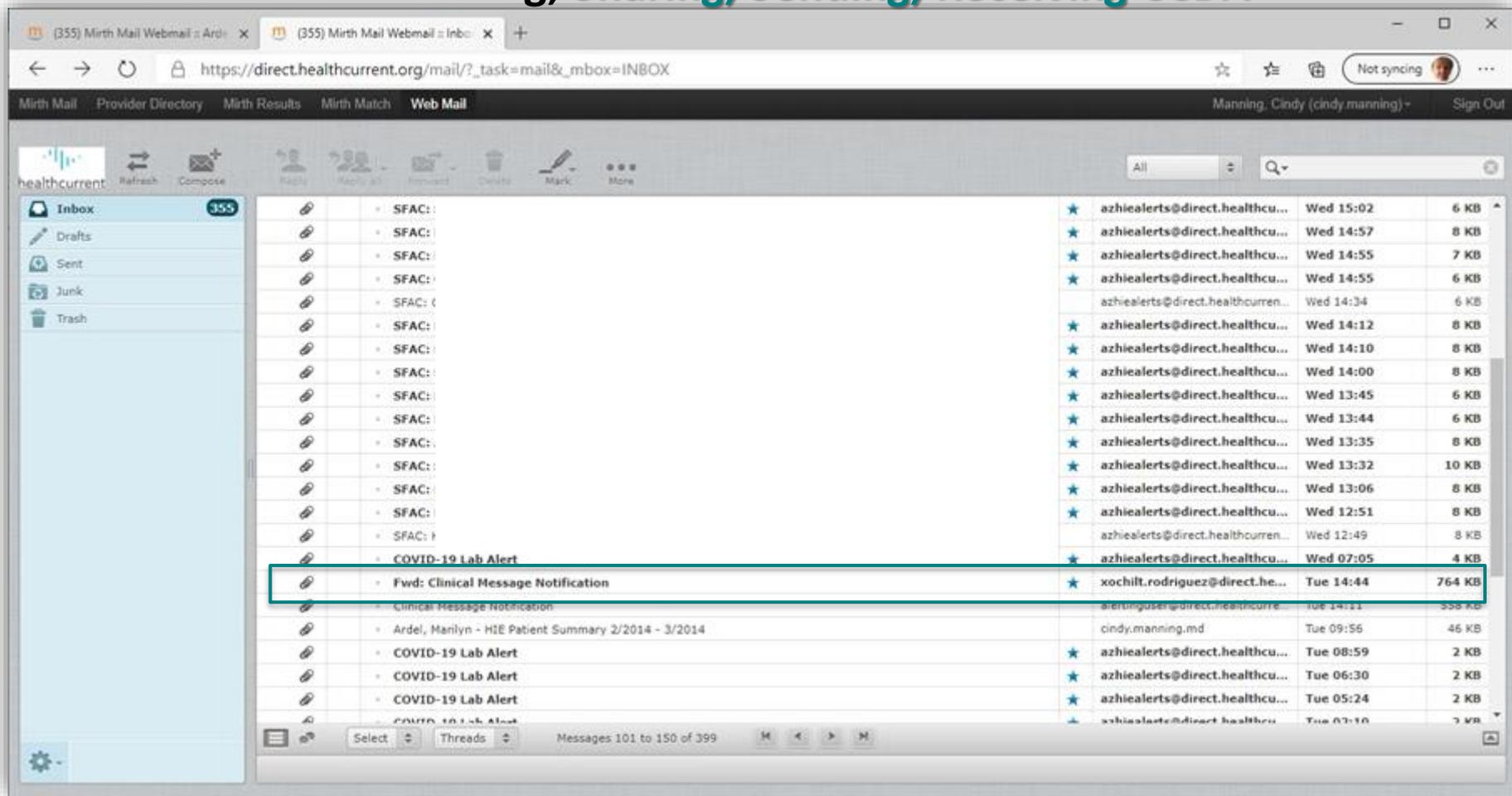
The main content area shows a "Shared Items" section with a search filter for "Displaying all 28 items". A table lists the shared items:

Message Item	Status	Recipient	Address	Initiated	Sent
<input type="checkbox"/> Patient Summary: Ardel, Marilyn	Processed	Rodriguez, Xochilt	Email: xochilt.rodriguez@direct.healthcurrent.org (CCD)	09/15/20 11:19	09/15/20 14:44
<input type="checkbox"/> Patient Summary: Ardel, M			Email: xochilt.rodriguez@direct.healthcurrent.org	09/15/20	09/15/20

The second window shows a detailed view of a "Shared Item" with ID 1515603525. The "Shared Item Actions" menu includes a "Back to List" option. The details for the item are:

- Message Item: Patient Summary: Ardel, Marilyn
- Initiated: 2020-09-15 11:19:45 804
- Sent: 2020-09-15 14:44:13 031
- Recipient: Rodriguez, Xochilt
- Address: Email: xochilt.rodriguez@direct.healthcurrent.org (CCD)
- Status: Processed
- ID: 1515603525

HIE Portal – Downloading, Sharing, Sending, Receiving CCDA



The screenshot shows a webmail interface for 'Mirth Mail Webmail'. The browser address bar shows the URL: https://direct.healthcurrent.org/mail/?_task=mail&_mbox=INBOX. The user is logged in as 'Manning, Cindy (cindy.manning)'. The interface includes a navigation menu with 'Mirth Mail', 'Provider Directory', 'Mirth Results', 'Mirth Match', and 'Web Mail'. A toolbar contains icons for Refresh, Compose, Reply, Reply all, Forward, Delete, Mark, and More. The left sidebar shows the 'Inbox' with 355 messages. The main area displays a list of emails, with one highlighted in a red box: 'Fwd: Clinical Message Notification' from 'xochilt.rodriguez@direct.he...' with a size of 764 KB. The right sidebar shows a detailed view of the selected email, including the sender, recipient, and size.

Sender	Time	Size
azhialerts@direct.healthcu...	Wed 15:02	6 KB
azhialerts@direct.healthcu...	Wed 14:57	8 KB
azhialerts@direct.healthcu...	Wed 14:55	7 KB
azhialerts@direct.healthcu...	Wed 14:55	6 KB
azhialerts@direct.healthcu...	Wed 14:34	6 KB
azhialerts@direct.healthcu...	Wed 14:12	8 KB
azhialerts@direct.healthcu...	Wed 14:10	8 KB
azhialerts@direct.healthcu...	Wed 14:00	8 KB
azhialerts@direct.healthcu...	Wed 13:45	6 KB
azhialerts@direct.healthcu...	Wed 13:44	6 KB
azhialerts@direct.healthcu...	Wed 13:35	8 KB
azhialerts@direct.healthcu...	Wed 13:32	10 KB
azhialerts@direct.healthcu...	Wed 13:06	8 KB
azhialerts@direct.healthcu...	Wed 12:51	8 KB
azhialerts@direct.healthcu...	Wed 12:49	8 KB
azhialerts@direct.healthcu...	Wed 07:05	4 KB
xochilt.rodriguez@direct.he...	Tue 14:44	764 KB
albertinguseng@direct.healthcu...	Tue 14:11	558 KB
cindy.manning.md	Tue 09:56	46 KB
azhialerts@direct.healthcu...	Tue 08:59	2 KB
azhialerts@direct.healthcu...	Tue 06:30	2 KB
azhialerts@direct.healthcu...	Tue 05:24	2 KB
azhialerts@direct.healthcu...	Tue 03:10	2 KB

HIE Portal – Downloading, Sharing, Sending, Receiving CCDA

Mirth Mail Provider Directory Mirth Results Mirth Match Web Mail

Name: clinical_message.xml
 Type: application/xml
 Size: ~557 KB

Subject Clinical Message Notification
From alertinguser@direct.healthcurrent.org
To cindy.manning@direct.healthcurrent.org
Date Tue 14:11

Content

Summarization Of Episode
 Created On: September 15, 2020

Patient:	Marilyn Ardel 123 HIE TEST PATIENT Tucson, AZ, 85745 tel:(520) 000-0000	MRN:	528607
Birthdate:	June 7, 1942	Sex:	Female
Guardian:		Next of Kin:	Mariana Dinerstein 0753 Burning Rabbit Farm Somerville, LA, 75720
Race	Unreported/ Refused To Report	Ethnicity	Declined to specify
Language	English (preferred)		

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- [Vital Signs](#)

Clinical Message Notification

 From alertinguser@direct.healthcurrent.org 
 To cindy.manning@direct.healthcurrent.org 
 Date **Tue 14:11**

This is a clinical message notification.

Please see attachment for the message that matched your subscription policies.

Sent via Mirth Mail

 **clinical_message.xml**
[Show](#) [Download](#)

HIE Portal – Downloading, Sharing, Sending, Receiving CCDA

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Problems, Conditions, and Diagnoses

Code	Display Name	Description	Problem Type	Effective Dates	Data Source(s)
250.00	DIABETES MELLITUS WITHOUT MENTION OF COMPLICATION TYPE II OR UNSPECIFIED TYPE NOT STATED AS UNCONTROLLED	DIABETES	Diagnosis	05/01/2013 10:30:05 AM MST	TEST Org 1
HYPERTENSION	HYPERTENSION	HYPERTENSION	Diagnosis	05/01/2013 10:30:05 AM MST	TEST Org 1
Traumatic_brain_injury	Traumatic brain injury	Traumatic brain injury	Final	01/29/2012 01:00:00 AM MST - 03/26/2011 12:00:00 AM MST	TEST Org 1
Peritonitis	Peritonitis	Peritonitis	Discharge	08/26/2011 12:00:00 AM MST - 12/19/2009 01:00:00 AM MST	TEST Org 1
Cardiac_arrhythmia	Cardiac arrhythmia	Cardiac arrhythmia	Admission	11/05/2003 01:00:00 AM MST - 12/20/2011 01:00:00 AM MST	TEST Org 1
	Elevated troponin	Elevated troponin	Diagnosis		TEST Org 1
571.8	Fatty liver	Fatty liver	Diagnosis		TEST Org 1
365.00	Unspecified preglaucoma	Unspecified preglaucoma	Diagnosis		TEST Org 1
401	Essential Hypertension	Essential Hypertension	Diagnosis		TEST Org 1

HIE Portal – Downloading, Sharing, Sending, Receiving CCDA

The screenshot displays a webmail interface with a navigation bar at the top containing 'Mirth Mail', 'Provider Directory', 'Mirth Results', 'Mirth Match', and 'Web Mail'. The user is identified as 'Manning, Cindy (cindy.manning)' with a 'Sign Out' option. A toolbar includes icons for Back, Compose, Reply, Reply all, Forward, Delete, Print, Mark, and More. A 'Move to...' dropdown is also present.

The left sidebar shows a folder list: 'Inbox' (355), 'Drafts', 'Sent', 'Junk', and 'Trash'. The main content area displays a 'Clinical Message Notification' from 'alertinguser@direct.healthcurrent.org' to 'cindy.manning@direct.healthcurrent.org' on 'Tue 14:11'. The message body contains the text: 'This is a clinical message notification. Please see attachment for the message that matched your subscription policies. Sent via Mirth Mail'. An attachment 'clinical_message.xml' with a CDA icon is shown on the right. Below the attachment, a 'clinical_message.xml' entry is visible with 'Show' and 'Download' buttons. A bottom toolbar shows a preview of the 'clinical_message.xml' file with an 'Open file' link and a 'Show all' button.

HIE Portal – Downloading, Sharing, Sending, Receiving CCDA

Mirth Mail Provider Directory Mirth Results Mirth Match **Web Mail** Manning, Cindy (cindy.manning) - Sign Out

Back Compose Reply Reply all Forward Delete Print Mark More Move to...

Inbox 355

- Drafts
- Sent
- Junk
- Trash

Clinical Message Notification Message 132 of 399

From: alertinguser@direct.healthcurrent.org
 To: cindy.manning@direct.healthcurrent.org
 Date: Tue 14:11

This is a clinical message notification.
 Please see attachment for the message th...
 Sent via Mirth Mail

clinical_message.xml
[Show](#) [Download](#)



clinical_message (1).xml
[Open file](#)

```

C:\Users\CindyManning\Downloads\clinical_message.xml
C:\Users\CindyManning\D...

<?xml version="1.0" encoding="UTF-8"?>
- <ClinicalDocument xsi:schemaLocation="urn:hl7-org:v3 http://hit-testing.nist.gov:11080/hitspValidation/schema/cdar2c32/infrastructure/cda/C32_CDA.xsd" xmlns:sdctc="urn:hl7-org:sdctc" xmlns="urn:hl7-org:v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <realmCode code="US"/>
  <typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/>
  <templateId root="2.16.840.1.113883.3.88.11.32.1"/>
  <templateId root="2.16.840.1.113883.10.20.1"/>
  <templateId root="2.16.840.1.113883.10.20.3"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.1"/>
  <id extension="Yftds5CXeWl1VENg" root="2.16.840.1.113883.3.1970.1"/>
  <code code="34133-9" displayName="Summarization Of Episode" codeSystemName="LOINC" codeSystem="2.16.840.1.113883.6.1"/>
  <title>Summarization Of Episode</title>
  <effectiveTime value="20200915141132-0700"/>
  <confidentialityCode code="N" displayName="Normal" codeSystem="2.16.840.1.113883.5.25"/>
  <languageCode code="en-US"/>
  <setId nullFlavor="NA"/>
  <versionNumber nullFlavor="NA"/>
  <recordTarget>
  - <patientRole>
    <id extension="528607" root="2.16.840.1.113883.3.1970.1"/>
    <id extension="608577459" root="2.16.840.1.113883.4.1"/>
    - <addr>
      <streetAddressLine>123 HIE TEST PATIENT</streetAddressLine>
      <city>Tucson</city>
      <state>AZ</state>
  
```

AHCCCS Promoting Interoperability (PI) Program

Objective 7

In order to count a transition of care or referral in the numerator, the action must occur within the calendar year in which the PI (EHR) reporting period occurs.

The referring EP must have reasonable certainty of receipt by the receiving provider to count the action toward the measure.

- ✓ An EP must have a confirmation of receipt or that a query of the summary of care record has occurred in order to count the action in the numerator.

The initiating EP must send a C–CDA document that the receiving provider would be capable of electronically incorporating as a C–CDA on the receiving end.

- ✓ In other words, if an EP sends a C–CDA and the receiving provider converts the C–CDA into a pdf, a fax, or some other format, the sending EP may still count the transition or referral in the numerator.
- ✓ If the sending provider converts the file to a format the receiving provider could not electronically receive and incorporate as a C–CDA, the initiating EP may not count the transition in their numerator.

What are ADTs?

Notifications of **Admissions, Discharges** and **Transfers** (ADTs) that may contain immunizations, medications, problem lists, treatments/procedures, and other documents.

Is there a fee or a charge to belong to the HIE?

No. Not for Community Providers.

What is Clinical Information?

These records may be Continuity of Care Documents (CCDs) or HL7 v2 messages containing immunizations, medications, problem lists, lab or radiology reports, treatments/procedures, allergies, and other clinical documents.

Clinical Quality Measures (CQMs)

CQMs are tools that help measure and track the quality of health care services provided by eligible professionals, eligible hospitals, and critical access hospitals (CAHs) within our health care system. These measures use data associated with providers' ability to deliver high-quality care or relate to long term goals for quality health care. To find out more visit CMS.

What is a CCD?

A CCD is an XML-based markup standard intended to specify the encoding, structure, and semantics of a patient summary clinical document for exchange. It provides a means for one health care practitioner, system, or setting to aggregate pertinent data about a patient and forward it to another practitioner, system or setting to support the continuity of care. View more information.

What is a Data Provider?

Participants who supply information to Health Current through their electronic systems (EHR, EMR)

What is a HIE Portal User?

Individuals employed by a Participant who actively utilize HIE data in the HIE Portal

What is HITECH?

Health Information Technology for Economic and Clinical Health Act

What is HL7?

Health Level Seven (HL7) refers to a set of international standards for transfer of clinical and administrative data between software applications used by various healthcare providers. These standards focus on the application layer, which is “layer 7” in the OSI model. The HL7 standards are produced by Health Level Seven International, an international standards organization, and are adopted by other standards issuing bodies such as American National Standards Institute and International Organization for Standardization.

What is Interoperability?

Interoperability describes the capacity of one health IT application to share information with another in a computable format (that is, for example, not simply by sharing a PDF (portable document file)).

What is Meaningful Use?

The American Recovery and Reinvestment Act of 2009 (ARRA) created the concept of Meaningful Use, which is the set of criteria that eligible professionals (EPs), eligible hospitals (EHs) and critical access hospitals (CAHs) must meet in order to receive Medicare and/or Medicaid EHR incentives.

What is Part 2 Data?

Data from this organization includes Part 2 (42 CFR Part 2) information that is afforded special confidentiality protection and requires Part 2 Consent.

What is a Participant?

A healthcare organization that has executed a participation agreement with Health Current, enabling the organization to send and receive clinical data through the Health Information Exchange (HIE).

What is a Patient Panel?

A patient panel is a practice or payer provided list of patients/members they wish to receive alert notifications on.

What is a Portal?

Secure web-based access provided by Health Current that allows selected patient/member data to be viewed online.

What is a Unique Patient Identifier (UPI)

A UPI is information which identifies the patient and may consist of a set of personal characters by which that individual can be recognized. Unique Patient Identifier is the value assigned to an individual for identification purposes and is unique to that patient.

What is the HIE?

Health Current is *the* health information exchange (HIE) that helps partners transform care by bringing together communities and information across Arizona. The HIE provides secure access to patient health information as well as the secure exchange of patient health information between the HIE and its participating organizations and providers. The HIE is Arizona's largest and only statewide health information organization (HIO) and its participants include hospitals, physicians, health plans, references labs and other healthcare organizations and providers.

Is the HIE a part of State or Federal Government?

No. Neither the HIE or Health Current are a part of state or federal government. Health Current, formerly Arizona Health-e Connection is an independent non-profit community organization

What are the benefits of HIE?

To better track and securely share patients' complete medical histories, more and more health care providers are participating in health information exchange (HIE). HIE helps facilitate coordinated patient care, reduce duplicative treatments, and avoid costly mistakes. This practice is growing among health providers because the need for HIE is clear and the HIE benefits are significant.

What is a CCD-A?

The CCDA is the continuity of care document architecture. It is the essentially the standards that define the presentation of that same information normally presented CCD document in electronic format as defined by HL7.org.

What is an EP?

Eligible Professional

What is a Current Problem List?

A current problem list is at a minimum a list of current and active diagnoses.

What is a Care Plan?

A care plan is the structure used to define the management actions for the various conditions, problems, or issues. A care plan must include at a minimum the following components: goals, health concerns, assessment, and plan of treatment.

What is a Transition of Care?

A transition of care is the movement of a patient from one setting of care (hospital, ambulatory primary care practice, ambulatory, specialty care practice, long-term care, home health, rehabilitation facility) to another. At a minimum, this includes all transitions of care and referrals that are ordered by the EP.

What is a Referral?

A referral is a case where one provider refers a patient to another provider, but the referring provider also continues to provide care to the patient.

What is CEHRT?

Certified Electronic Health Record Technology gives assurance to purchasers and other users that an EHR system or module offers the necessary technological capability, functionality, and security to help them meet the meaningful use criteria.

Can we share a patient summary or other documentation outside of Health Current's HIE?

Yes. However, this is an intricate process and requires additional Set-Up by Health Current. Please contact your Account Manager to request.

What is a HISP?

A Health Information Service Provider, or HISP, is an accredited network service operator that enables nationwide clinical data exchange using Direct Secure Messaging (aka Direct, Direct Messaging and the Direct Project). Direct is a HIPAA compliant and interoperable transport method promoted by the Office of the National Coordinator of Health IT of the US Department of Health and Human Services (ONC/HHS). HISPs and Direct are regulated and monitored by the DirectTrust.org, a governance organization empowered by HHS.

What is XML?

eXtensible Markup Language is a markup language that defines a set of rules for encoding documents in a format that is both human-readable and machine-readable.

Does Health Current Support FHIR API?

Health Current does support FHIR (Fast Healthcare Interoperability Resource)

Health Current Resources

Health Current Website

healthcurrent.org

Technical Support

Health Current Support **hiesupport@healthcurrent.org**

Director of Programs

Connie Ihde **connie.ihde@healthcurrent.org**

Manager, Recruitment & Engagement

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