CRISP InContext/Clinical Information Service

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CRISP

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InContext App Background

What is CRISP InContext ?

- The InContext application provides real-time data from the CRISP HIE within the context of a healthcare provider's workflow by integrating directly in their electronic health record (EHR) system.

- The CRISP InContext app preloads for the current patient searched within your EMR and does not require additional login or navigation to a new page or environment.

- The InContext app can be a very effective tool when a user is in need of additional clinical information not found within their native EMR.

Why Use the CRISP InContext Service?

- A practitioner, physician, care coordinator, or etc. may need to access clinical information for a patient which is not present in their EHR or internal patient records.
  - Example: A patient new to a practice or roster is a great example where access to additional external clinical data is valuable
- The CRISP InContext combines data and views in Features that are useful and valuable to clinical users
- The CRISP InContext may be referred to as HIE InContext or the Clinical Information Service

CRISP InContext Data Sources

- Admit, discharge, or transfer (ADTs) information, which can include patient demographic, diagnostic, and medication history - HL7 messages sent to CRISP when a patient is admitted to a care setting, transferred to another care setting, or discharged from a care setting.

- Insurance information and Claims data - A medical claim is a bill that healthcare providers submit to a patient's insurance provider. CRISP has access to MD Medicare, MD Medicaid, and Hospital All Payer

- Local and Interstate PDMP

- Patient-specific clinical summary documents, called Continuity of Care Documents (CCDs), which is an electronically generated, patient-specific clinical summary document used to improve communication between healthcare providers during a transition of care

- Continuity of Care Documents through National Networks

- Radiology images and reports

- Laboratory results

- List of an organization's patients

- Other clinical data including discharge summaries, care notes, advance directive, and care alerts.

Launching CRISP InContext from an EHR

- As a EHR user, when I view a patient's EMR and I click on the CRISP icon in my system, I automatically launch into the CRISP InContext App with the selected patient

- The InContext App launches within the host EHR – size may vary depending on the vendor you are using.

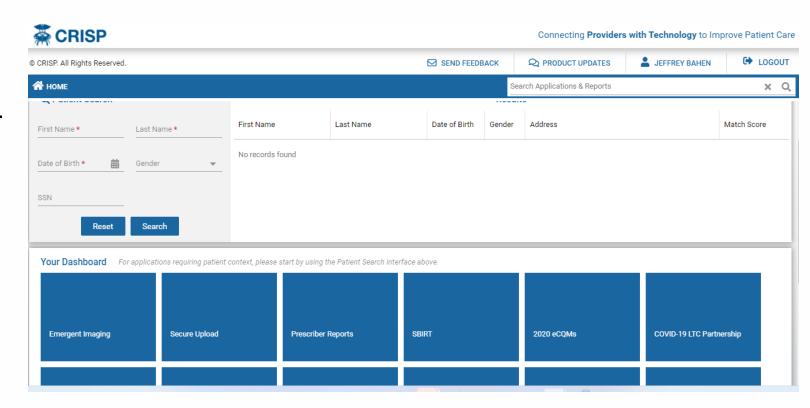- CRISP InContext is current integrated with the following EHRs:

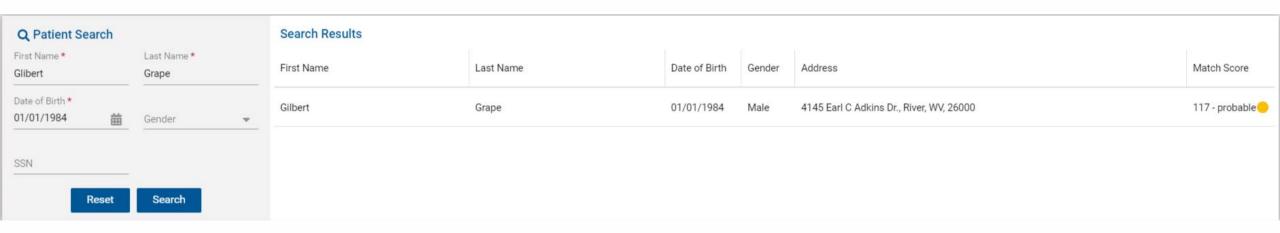# What if my EHR isn't connected with InContext?

- No Problem – you can find the same InContext App within a secure web-based site called CRISP Portal.

- InContext within the CRISP Portal is called the **Clinical Information Service**

https://portal.crisphealth.org

Launching CRISP InContext from the CRISP Portal

Q Patient Search

First Name *
Glibert

Last Name *
Grape

Date of Birth *
01/01/1984

Gender

SSN

Reset   Search

Search Results

First Name	Last Name	Date of Birth	Gender	Address	Match Score
Gilbert	Grape	01/01/1984	Male	4145 Earl C Adkins Dr., River, WV, 26000	117 - probable

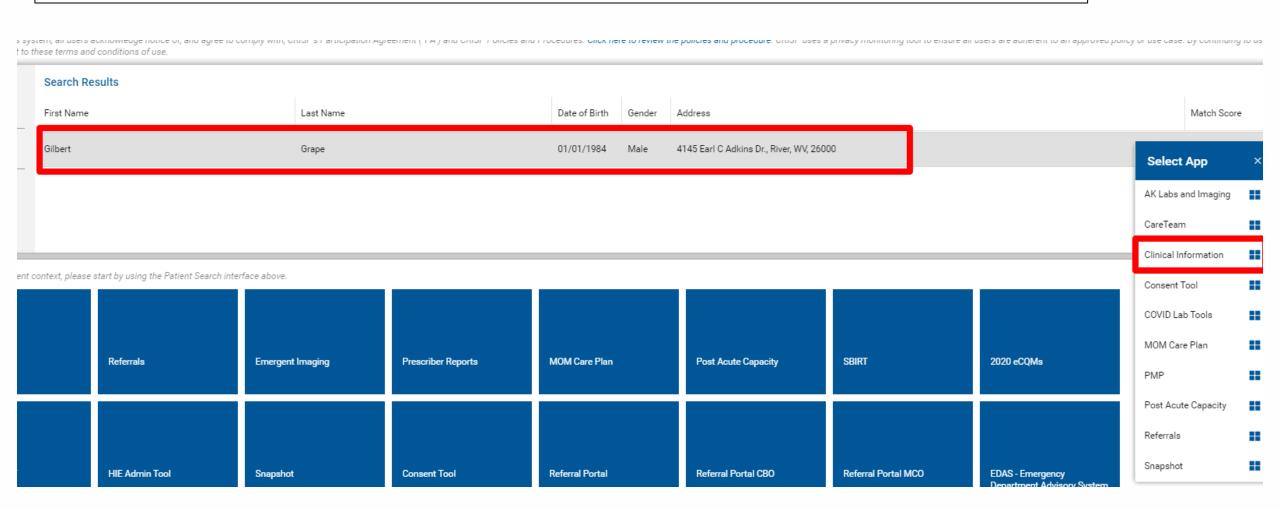Launching CRISP InContext from the CRISP Portal requires a patient search

Minimum Search Requirements are:
1. First Name
2. Last Name
3. Date of Birth

Gender and Social Security Number (SSN) can be added to narrow down search results

Click the record of the patient of interest to select an application to launch with this patient's data.

system, all users acknowledge notice of, and agree to comply with, CRISP's Participation Agreement ("PA") and CRISP Policies and Procedures. Click here to review the policies and procedure. CRISP uses a privacy monitoring tool to ensure all users are adherent to an approved policy or use case. By continuing to us t to these terms and conditions of use.

Search Results

First Name	Last Name	Date of Birth	Gender	Address	Match Score
Gilbert	Grape	01/01/1984	Male	4145 Earl C Adkins Dr., River, WV, 26000	

Select App ✕

AK Labs and Imaging	▦
CareTeam	▦
Clinical Information	▦
Consent Tool	▦
COVID Lab Tools	▦
MOM Care Plan	▦
PMP	▦
Post Acute Capacity	▦
Referrals	▦
Snapshot	▦

ent context, please start by using the Patient Search interface above.

Referrals	Emergent Imaging	Prescriber Reports	MOM Care Plan	Post Acute Capacity	SBIRT	2020 eCQMs
HIE Admin Tool	Snapshot	Consent Tool	Referral Portal	Referral Portal CBO	Referral Portal MCO	EDAS - Emergency Department Advisory System

High Level Feature Offerings & User Navigation Features of InContext

High Level Feature Offerings

Patient Information

Priority Alerts

Medication Management
- PDMP
- PDMP Advisories
- Reported Medications

Clinical Data
- Health Records
- Encounters
- Problems
- Structured Documents (CCDAs)
- Immunizations

Care Coordination
- Care Team
- Care Alerts
- Referral History
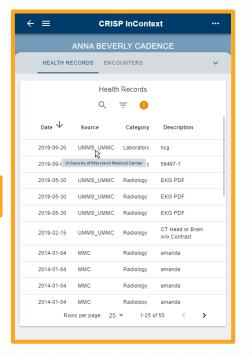- Advance Directives
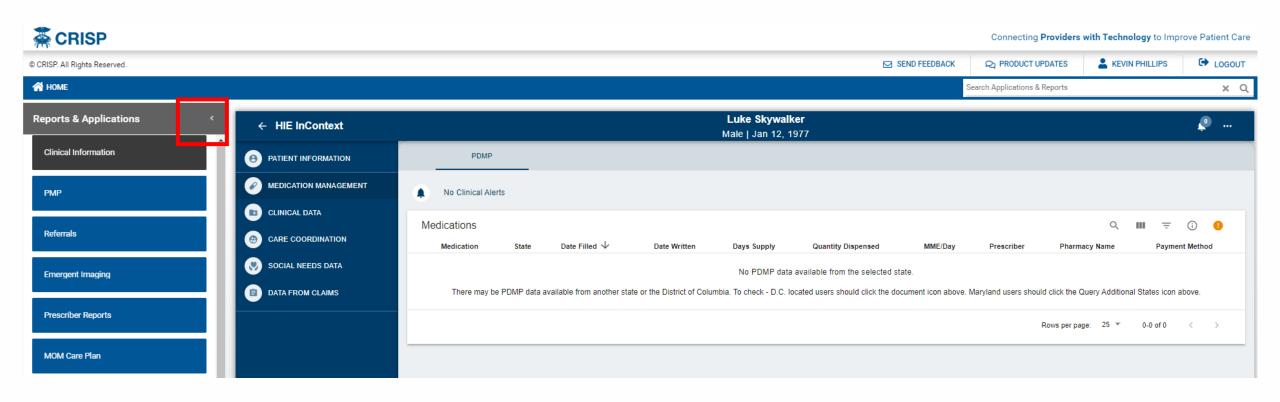
Social Determinants
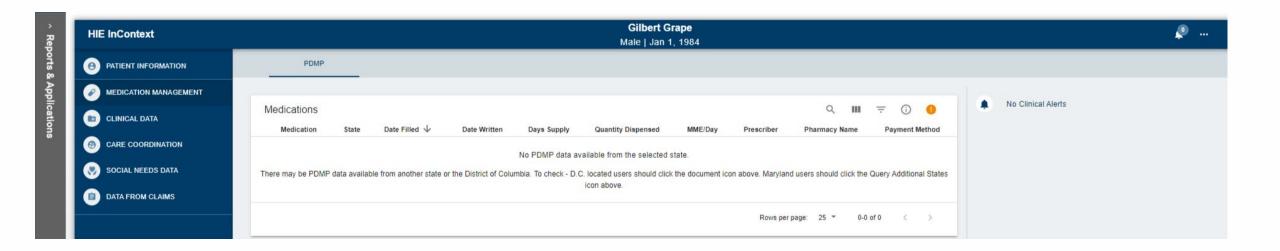- Assessment
- Conditions

Claims Data

Wide View

Compact View

User Navigation Features

The Clinical Information tab will launch as an eye frame in the CRISP Portal.
Users can click the arrow on the side menu to collapse the side bar.

User Navigation Features

The Clinical Information tab view with the side menu collapsed.

User Navigation Features

Additionally, users can click the arrow on the InContext side menu to collapse the side bar.

User Navigation Features

Priority Alerts

Priority alerts is a new section which appears on the top tool bar. These alerts will include clinical alerts and infectious control alerts.

Additional Features
- Feedback –send non-PHI feedback to our development staff
- Glossary – definitions of terms used in the application
- About – application version & release notes

User Navigation Features

User Navigation Features

1.

Search – search bar will appear allowing you to type to search all columns in the table

2.
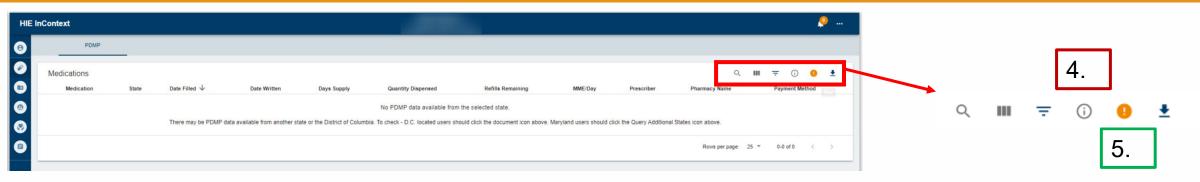
View Columns – toggle each available column on and off

User Navigation Features

3.

Filter – users can set criteria to restrict or expand data table results

User Navigation Features

4.

5.

4. ⓘ **Disclaimer** – will display disclaimer information about data sources or views

Disclaimer

MME/Day is based on the CDC conversion factor, dosage, and days supply of opioids (excluding Buprenorphine). Morphine milligram equivalents (MME) values represent the potency of an opioid dose relative to morphine. See MME Fact Sheet for more information:
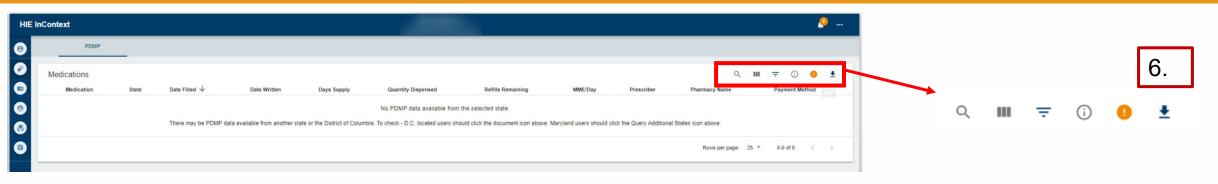https://crisphealth.org/wp-content/uploads/2020/02/MME-Fact-Sheet_2.24.2020.pdf

CLOSE

5. ⚠ **Data Warning** – signals an access or data error

Data Warning

You do not appear to be registered to view PDMP. Please contact CRISP or your helpdesk if this is in error and needs to be investigated.
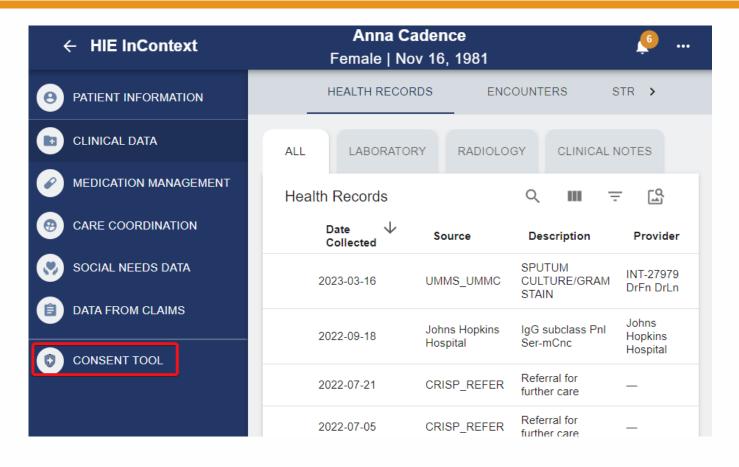
CLOSE

User Navigation Features

6.

6. ⤓ **Download PDF** – will download the current view (data table or report) into a pdf

Download Confirmation ✕

You are about to download information that is likely protected under state and/or federal law, including Protected Health Information (PHI).

By continuing, you: (i) represent that you are authorized to download this information; (ii) agree to adhere to any applicable restrictions upon the use and/or redisclosure of this information; and (iii) acknowledge that neither the HIE nor its technology services vendor bears any responsibility for the privacy or security of any copy of information downloaded from this application.

Do you wish to continue?

YES   **NO**

User Navigation Features – Apps Section

In the Apps widget, users can launch other CRISP applications via the CRISP Portal. Currently, users with the appropriate access can launch:

- Consent Tool
- Referral Tool
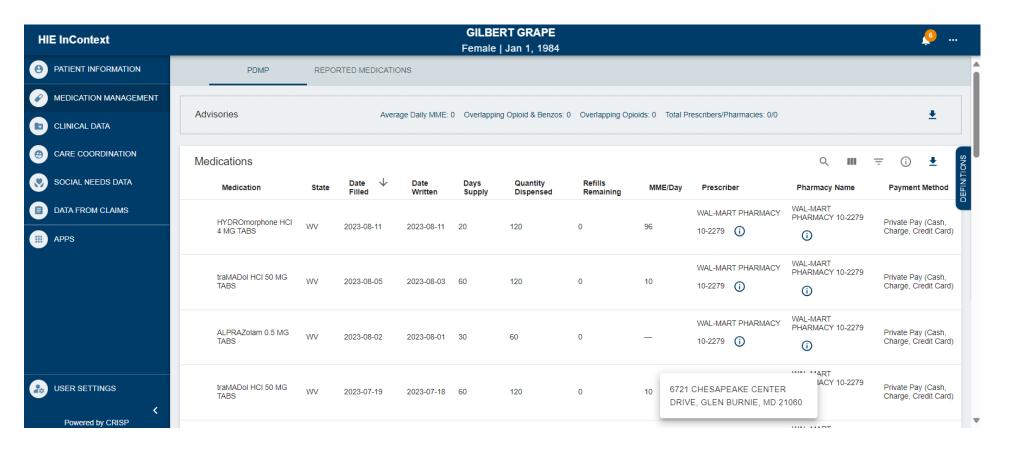- MyDirectives DC – Available for DC-licensed providers only.

Patient Information

Patient Information

CADENCE ANNA
Female | Nov 16, 1981

← **HIE InContext**

- PATIENT INFORMATION
- MEDICATION MANAGEMENT
- CLINICAL DATA
- CARE COORDINATION
- SOCIAL NEEDS DATA
- DATA FROM CLAIMS
- APPS
- USER SETTINGS

Powered by CRISP

PATIENT INFORMATION

Demographics

Match Grade: ✓ Probable
Name: CADENCE ANNA
Date of Birth: Nov 16, 1981
Date of Death: Feb 12, 2024
Gender: Female
Address: 1021 MAIN ST, COLUMBIA, MD 21045
Home Phone: (324) 324-2333
Other Phone: (304) 344-1601

Next of Kin

No Next of Kin Information

The 'Patient Information' tab aggregates the demographic information we have in the 'Master Patient Index (MPI)' for your patient. Data in the MPI is pulled from multiple sources and organizations for your patient.

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Medication Management

Medication Management – PDMP & Advisories

The Medication Management section contains three areas of information:

- Advisories
- PDMP
- Reported Medications

Medication Management

- Advisories are set of four key metrics on the prescriptions of an individual patient over the last 90 days, allowing providers to quickly identify when patients may be at increased risk of overdose.

- Maryland PDMP monitors the prescribing and dispensing of drugs that contain controlled dangerous substances (CDS). The PDMP assists with reducing non-medical use, abuse, and diversion of prescription drugs while preserving legitimate access.

- The Reported Medication section is a compilation of medication data from various sources including Continuity of Care Documents (CCDs) contributed to CRISP to facilitate medication reconciliation and deprescribing, support collaborative care, reduce medication costs and errors, and improve clinical outcomes. The medication management section may not reflect a patient's complete medication history. Reported Medication can augment the data within a provider's electronic health record (EMR) to facilitate a medication reconciliation processes that typically takes place within their EMR and utilizing EMR tools for drug-drug / drug-allergy interactions.

Clinical Data

Clinical Data – Health Records

Health Records – displays your patient's radiology reports, laboratory reports, and clinical notes received from CRISP participants.

- **Imaging Worklist:** within the radiology subtab users can find the Imaging Worklist. This list allows users to compare images across multiple locations.

Clinical Data – Encounters

Encounters – displays information regarding your patient's previous inpatient or outpatient encounters, identified through ADT data. This includes date, source, patient class, and discharge disposition on the 'All Encounters' sub-tab. Using the 'View Columns' icon, you can also add 'location' to the table.

Clinical Data – Problems

Problems – provides a consolidated list of active or unresolved issues obtained from Continuity of Care Documents (CCD), excluding routine patient visits. The purpose of this tab is to enable users to quickly gather relevant medical status information and inform immediate care decisions.
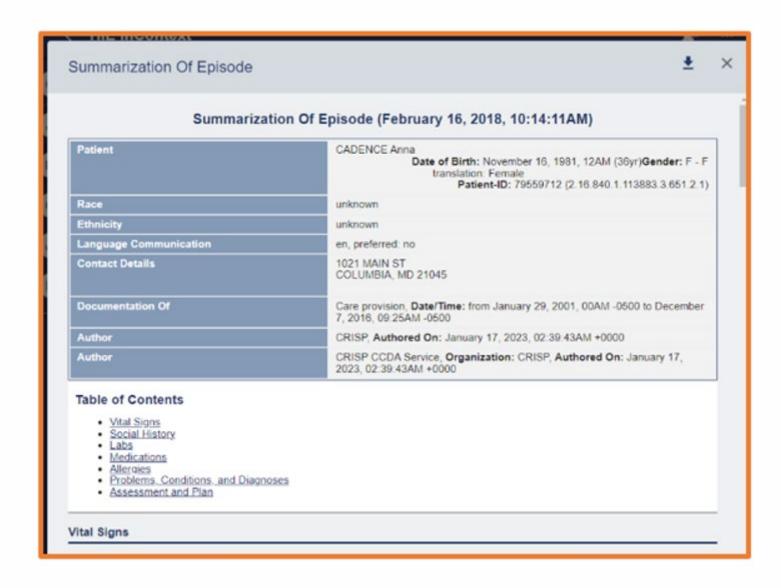
Clinical Data – Structured Documents

Structured Documents – The 'Structured Documents' area displays any 'Continuity of Care Documents' (CCDs) for your patient from CRISP participants including participants from outside the state through CRISP's participation on eHealth Exchange Hub and Carequality. A CCD is a generic name for an electronically generated document that summarizes either an episode of care for a patient or contains a longitudinal summary of care for that patient.

Clinical Data – Structured Documents

Clinical Data – Immunizations

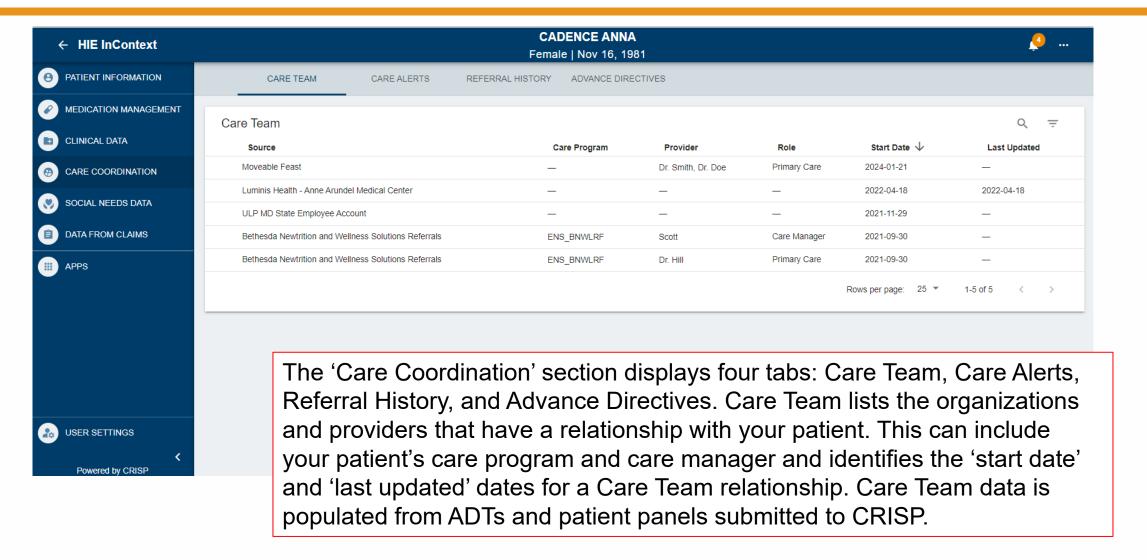| Immunizations				
Administered Date ↓	Vaccine	Administered Location	Source	Expiration Date
2022-12-17	Influenza, injectable, MDCK, p-free	Mt. Washington Pediatric Hospital	IMMUNET	2022-04-01
2022-06-29	Anthrax	CRISP	IMMUNET	2022-12-29
2022-06-29	DTP	CRISP	IMMUNET	2022-12-30
2022-06-29	Meningococcal polysaccharide conjugate	CRISP	IMMUNET	2022-07-03
2022-06-21	COVID-19 mRNA, LNP-S, PF, 0.5mL	CRISP	IMMUNET	2022-05-01
2022-03-29	Influenza, quadrivalent, adjuvanted	CRISP	IMMUNET	2022-02-01

Rows per page: 25 ▼   1-6 of 6   < >

Immunizations – When immunization data becomes available, the 'Immunizations' tab displays any immunization records CRISP has on your patient. The table displays the immunization administered date, vaccine name, location where patient received the immunization, and data source. Immunization information is also available in the CCDs located under the 'Structured Documents' tab
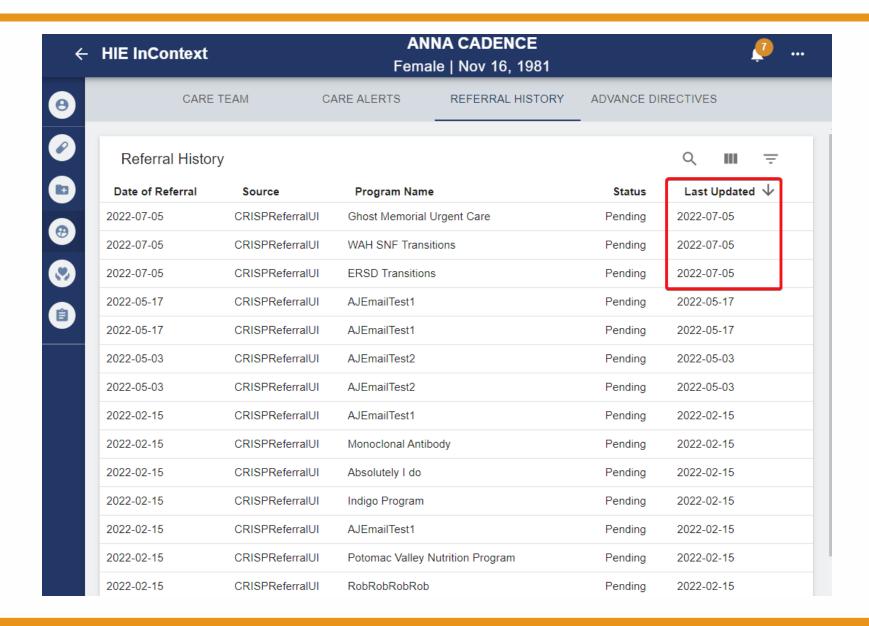
Care Coordination
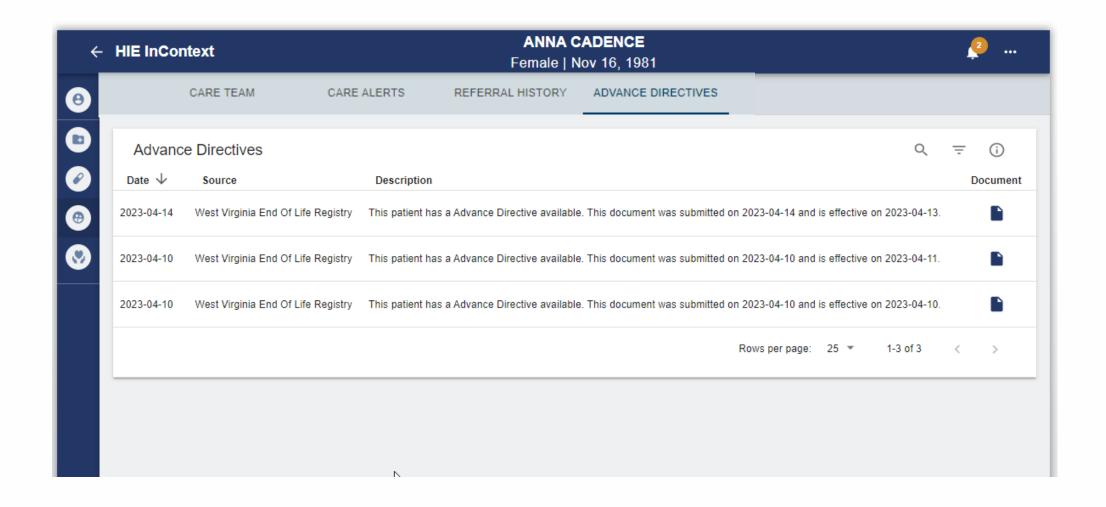
Care Coordination – Care Team

The 'Care Coordination' section displays four tabs: Care Team, Care Alerts, Referral History, and Advance Directives. Care Team lists the organizations and providers that have a relationship with your patient. This can include your patient's care program and care manager and identifies the 'start date' and 'last updated' dates for a Care Team relationship. Care Team data is populated from ADTs and patient panels submitted to CRISP.

Care Coordination – Referral History

Care Coordination – Advance Directives

Social Needs Data

Social Need – Assessments

Social Need – Conditions

A "Conditions" subtab under Social Needs Data section displays Social Determinants of Health information using ICD-10 z-Codes from ADTs. When used, these codes will highlight whether the patient has experienced problems related to education, literacy, employment, housing, psychosocial circumstances, and other social issues that have a known impact on health.
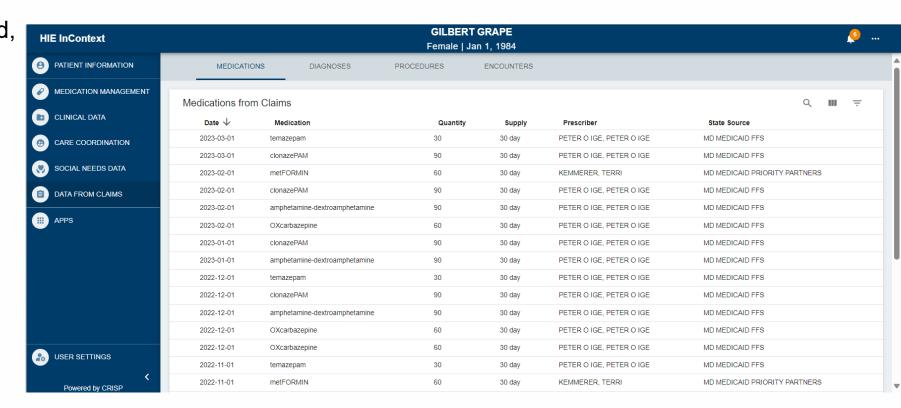
Data From Claims

Data From Claims

The Data from Claims widget displays Claims data for Maryland, District of Columbia, and West Virginia across multiple payors. This claims data includes Medications, Diagnoses, Procedures, and Encounters refreshed monthly. The claims in each tab are displayed in chronical order.

Currently CRISP receives and displays claims data from the following sources:

•**Medicaid** – DC, MD, and WV

•**Medicare** – MD

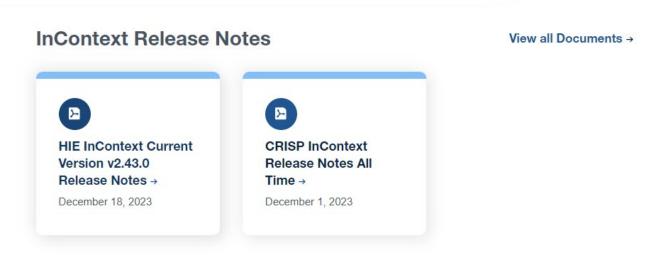•**Hospital inpatient and outpatient, all-payer** – MD

Updates/Releases

When is CRISP InContext Updated

- Updates, new features, and enhancements are released about every month to 6 weeks. Data within the application will refresh at near real time to monthly depending on the source.

- Release notes are shared with users a few weeks prior to the next version release & stored on the CRISP Website

- https://www.crisphealth.org/incontext/

InContext Release Notes

View all Documents →

HIE InContext Current Version v2.43.0 Release Notes →

December 18, 2023

CRISP InContext Release Notes All Time →

December 1, 2023

Questions?