



CRISP

Chesapeake Regional Information
System for our Patients

InContext User Guide

**Last Updated:
April 1st, 2025**

877-952-7477

www.crisphealth.org

10480 Little Patuxent Parkway, Suite 800
Columbia, MD 21044-9997



InContext User Guide

OVERVIEW.....	1
1 APPLICATION NAVIGATION.....	2
1.1 PATIENT MATCH: LIST OF PATIENT IDENTITIES.....	2
1.2 MENU ITEMS: HOW TO NAVIGATE.....	2
1.3 REFINING PATIENT DATA: QUICK ACCESS	3
1.4 PRIORITY ALERTS	4
1.5 APPLICATION RESOURCES	4
2 APPLICATION SECTIONS.....	5
2.1 PATIENT INFORMATION: DEMOGRAPHICS	6
2.2 DASHBOARD: MY PATIENT SUMMARY	6
2.3 MEDICATION MANAGEMENT	7
2.4 CLINICAL DATA.....	8
2.5 CARE COORDINATION	9
2.6 SOCIAL NEEDS DATA	10
2.7 DATA FROM CLAIMS.....	10
2.8 APPS	11
3 SETTINGS AND CUSTOMIZATION	11
3.1 CUSTOMIZATION APPLICATION TAB ARRANGEMENT	11
3.2 MY PATIENT SUMMARY CUSTOMIZATION	12

Overview

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. Embedding a SMART of the Fash Healthcare Interoperability Resources (FHIR) app, CSS enables the ability to query and display a patient’s full medical history based on authorized CSS data. Users have access to their patient’s care alerts, PDMP data, clinical data, and even public health alerts.

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. CRISP has relationships with hospitals, ambulatory practices, state data repositories, and national networks. Through the InContext app, CRISP **can** securely share patient data across institutional boundaries and provide users with access to real-time clinical information from all CRISP participants, ultimately increasing the quality of care received by the patient.



1 Application Navigation

1.1 Patient Match: List of Patient Identities

The Patient List displays all possible identity matches based on the patient information your EHR has sent to the HIE. The HIE receives data from many sources. The demographics can differ for each source. We use the MPI to try to match these records but sometimes can't and so we get multiple identities. Each patient will have a "Match Score" which will tell you how closely the patient matches the information sent to the HIE. A patient can either be "Probable" or "Possible".

CRISP ID	Name	Date Of Birth	Gender	Address	
79559712	ANNA CADENCE	Nov 16, 1981	Female	1021 MAIN ST, COLUMBIA, MD 21045	✓
80003122	Anna Cadence	Nov 16, 1981	Female	Unknown	✓
81222440	Anna Cadence	Nov 16, 1981	Unknown	1212 Eight Mile Rd, Baltimore, MD 21231	✓
81733470	Anna Cadence	Nov 16, 1981	Female	123 Epic St, Los Angeles, CA 90210	✓
81957879	ANNA CADENCE	Nov 16, 1981	Female	32 main, Owings Mills, MD 21117	✓
81997178	ANNA CADENCE	Nov 16, 1981	Female	Unknown	✓
81997198	ANNA CADENCE	Nov 16, 1981	Female	Unknown	✓
81997204	ANNA CADENCE	Nov 16, 1981	Female	Unknown	✓

EID: You may not see this screen if there are not multiple patient identities, the HIE will try to identify the patient in our Master Patient Index and if an exact match is found we will take you directly into the patient information, assuming this patient is on your panel.

1.2 Menu Items: How to Navigate

In **larger screen sizes**, the app menu will appear on the left side. Use this left menu to navigate to the other sections of the app. If you minimize your screen size, this menu will collapse.

HIE InContext | ANNA CADENCE | Female | Nov 16, 1981

← HIE InContext

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

DEMOGRAPHICS | NEXT OF KIN

Demographics

Match Grade: ✓ Probable

Name: ANNA CADENCE
Date of Birth: Nov 16, 1981
Gender: Female
Address: 1021 MAIN ST, COLUMBIA, MD 21045
Home Phone: 3004005000
Mobile Phone: 3004005000
Other Phone: 4109138019

Aliases

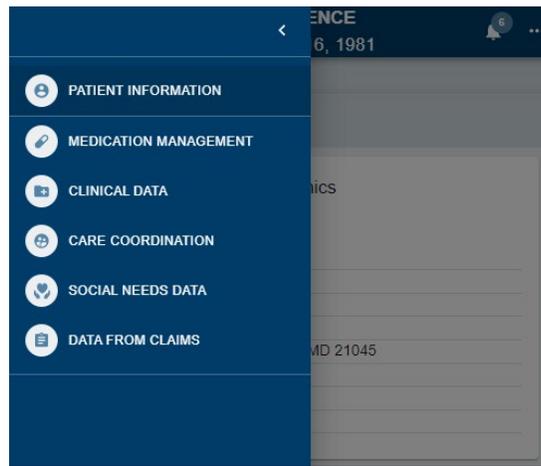
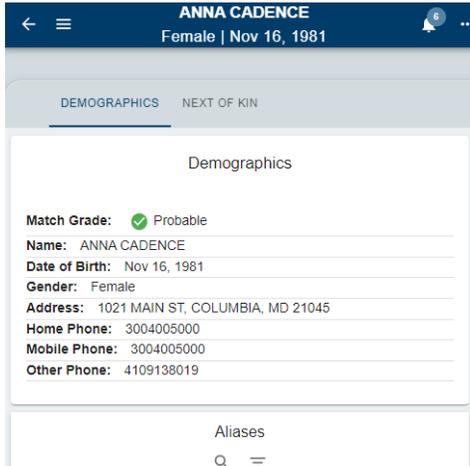
Source	MRN
AAMC	992116208
AAMC	993000062
AK_DFS	44595
AK_JAMHI	112233
AK_SPBHS	89765
AMB_DIMENS	581016
AMB_HUH	14333TC
BAMLANREF	79559712
Bristol Health	M000002000



If you'd like to go back to the patient list, click the Back icon.



In **smaller screen sizes**, the app menu will be collapsed. In order to navigate to other sections of the app, click the Menu icon in the top left corner.



1.3 Refining Patient Data: Quick Access

Data is primarily displayed in tables, enabling a user to quickly search and identify information they are interested in reviewing.

The following table features promote quick access to information:

Sort: All columns in tables can be sorted in ascending and descending order.

Click on the column name to sort the table by that column's data.

Search: All data in the tables – and underlying records – will be filtered for the content value that is entered into the search textbox

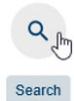
View: Table columns can be added and removed to change the display

Filter: Specific columns can be filtered for values in order to display specific information of interest to the user.

Date Collected ↓	Source	Description	Provider
2022-04-08	MEDSTAR_FSH	Example PDF 7	MedStar Franklin Square Hospital Center
2022-04-08	University of MD UMMC UMMS	Example PDF 1	University of Maryland Medical Center
2022-04-08	University of MD UMMC UMMS	Example PDF 2	University of Maryland Medical Center
2022-04-08	University of MD UMMC UMMS	Example PDF 3	University of Maryland Medical Center
2022-04-05	CRISP_REFER	Referral for further care	—
2022-03-21	Western Maryland Hospital	Serum or plasma potassium measurement (moles/volume)	ZZZJLW JORDAN WILSON
2022-02-16	CRISP_REFER	Referral for further care	—
2022-02-16	CRISP_REFER	Referral for further care	—
2022-02-16	CRISP_REFER	Referral for further care	—
2022-02-10	TIDALHEALTH	ECG 12-LEAD	30160 CHRISTIAN BOUNDS
2022-02-01	TIDALHEALTH	ECG 12-LEAD	30160 CHRISTIAN BOUNDS
2022-01-24	DCH	BASIC METABOLIC PANEL	1043396633 MUSHTAQ SHAH
2022-01-13	ENS_PIMRRF	PIMR	PIMR-Talbot County Health Department
2022-01-12	ENS_WKSPWIZ	Diabetes Prevention Program	Non-Medicaid Health Choice DPP
2022-01-05	CRISP_REFER	Referral for further care	—

Two powerful methods:

1. **Search** not only queries the table, but also performs a deep search into the underlying documents associated with the rows.
2. **Filter** enables querying on a specific column. If a user wanted to only see rows from “University of MD”, she could click Filter Table, select the Source column and select the value “University of MD”. The resulting query would then only display row for that Source.



1.4 Priority Alerts

Priority Alerts is a section which appears on the top tool bar. These alerts will include clinical alerts and infectious control alerts. Users can click the Priority Alerts icon (Bell Icon) to launch the Priority Alerts text box pop up screen. The Priority Alert Icon will display the number of total alerts for the selected patient over the icon itself.

Priority Alerts
✕

Priority Alerts
🔍
⌵
🕒
🔴 1

Date ↓	Source	Description	Type
2020-10-01	University of MD UMMC UMMS	Patient may have experienced a controlled substance related event on 2020-10-01 at University of Maryland Medical Center. Discharge Diagnosis: T40.0X (Poisoning by Robbbbie).	Clinical Alert
2020-04-29	University of MD UMMC UMMS	Patient may have experienced a controlled substance related event on 2020-04-29 at University of MD UMMC UMMS. data: thing (a data thing).	Clinical Alert
2020-01-14	Alert.Source	Infection Control Alert: Refer to facility and CDC policy for CRE isolation and treatment guidance	Infection Control Alert
2019-12-27	AAMC Parent	Infection Control Alert: Refer to facility and CDC policy for CRE isolation and treatment guidance	Infection Control Alert
2019-01-20	University of MD UMMC UMMS	Patient may have experienced a controlled substance related event on 2019-01-20 at Office Test. Discharge Diagnosis: T40.ZX1A (Poisoning by other opioids, accidental (unintentional), initial) ((Patient may have experienced an overdose even on 2019-01-20 20:30 at MMC.)). Admit Reason: Overdose on Controlled Dangerous Substance.	Clinical Alert

Rows per page: 25 ▾ 1-5 of 5 < >

ANNA CADENCE
🔔 5
⋮

Male | Nov 16, 1981
Priority Alerts

pioid & Benzos: 0
Overlapping Opioids: 0
Total Prescribers/Pharmacies: 3/2

ONS

1.5 Application Resources

The **user feedback** feature provides the ability to submit comments and/or suggestions for the app. By navigating to the App menu (top right corner – indicated by ellipses), a user can click on the ‘Feedback’ option.

The **“Glossary”** feature provides more information about all the app data and features including icons. By navigating to the App menu (top right corner – indicating by ellipses), a user can click on the ‘Glossary’ option.



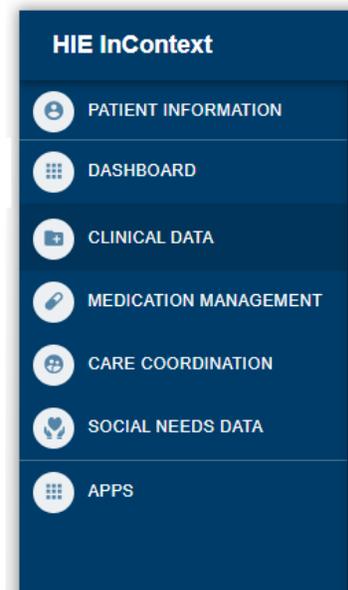
The “About” feature provides information about the version of the app and link to the Release Notes. By navigating to the App menu (top right corner – indicating by ellipses), a user can click on the ‘Glossary’ option.

The screenshot shows the HIE InContext app interface for a patient named ANNA CADENCE, Male, born Nov 16, 1981. The main content area displays a table of Health Records. The table has columns for Date Collected, Source, Description, and Provider. The data is as follows:

Date Collected	Source	Description	Provider
2022-07-21	CRISP_REFER	Referral for further care	—
2022-07-05	CRISP_REFER	Referral for further care	—
2022-07-05	CRISP_REFER	Referral for further care	—
2022-07-05	CRISP_REFER	Referral for further care	—
2022-05-17	CRISP_REFER	Referral for further care	—
2022-05-17	CRISP_REFER	Referral for further care	—
2022-05-03	CRISP_REFER	Referral for further care	—
2022-04-08	MedStar Franklin Square Hospital Center	Example PDF ?	MedStar Franklin Square Hospital Center
2022-02-15	CRISP_REFER	Referral for further care	—

2 Application Sections

There are seven sections in the left navigation menu of InContext: (1) Patient Information (2) Dashboard: My Patient Summary, (3) Clinical Data, (4) Medication Management, (5) Care Coordination, (6) Social Needs Data, (7) Data From Claims and (8) Apps. Continuing reading for more detailed information on each of these sections below.



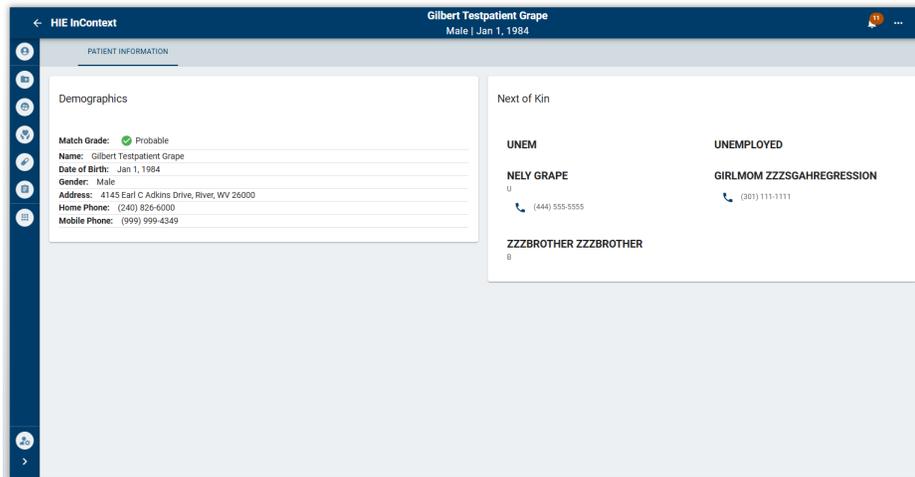


2.1 Patient Information: Demographics

The Patient Demographics Information is displayed in two places:

Along the header:
First name, Last name, Gender and Date of Birth will also be visible to compare against EHR information

On the Patient Information tab:
Further contract information including address and phone numbers



Note: Additional identifiable information on Source codes and MRNs is displayed to the right

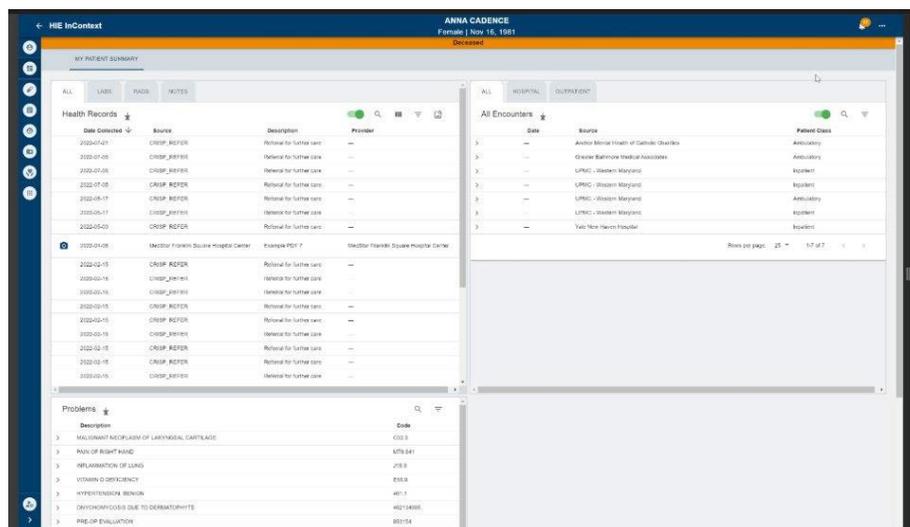
The Infection Control alerts are high priority alerts that will be displayed in the header section. The following alert types fall under the "Infection Control" category: CRE (Carbapenem—resistant Enterobacteriaceae), Zika, and C. Diff (Clostridioides difficile).

The Next of Kin displays the patient's nearest relative or relatives and their contact information.

2.2 Dashboard: My Patient Summary

My Patient Summary is a customizable landing page that allows users to find the information they need more quickly without clicking into multiple tabs.

- Users can pin and unpin tables
- Size their window
- Set the tab as their landing page
- Pin a max of 8 tables





2.3 Medication Management

The “Medication Management” section includes Advisories, PDMP results (including both Maryland and Interstate data), and Overdose Alerts, also known as “Clinical Alerts”.

The value next to an Advisory in the Advisories subtab will be orange if it exceeds the threshold. Click the “i” icon to see more information on the Advisory.

Clinical Alerts will have an orange icon if a patient has active alerts, and no icon if patient has no alerts. Click “View” to see more information on the alert.

PDMP displays controlled substances, dangerous substance dispenses, schedule II-V, to prescribers and dispensers.

The PDMP table displays Maryland medications only by default. Click the “Query Additional States” icon to query for regional states.

Click the “PDMP Report” Icon to view DC’s Narx Report.

Medication	State	Date Filled	Date Written	Days Supply	Quantity Dispensed	MME/Day	Prescriber	Pharmacy Name	Payment Method
Zubsolv 8 & 2.1 MG SUBL	MD	2022-04-24	2022-04-24	15	45	—	—	—	—
Morphine Sulfate ER 15 MG TBCR	MD	2022-04-23	2022-04-23	30	120	60	—	—	—
traMADol HCl 50 MG TABS	MD	2022-04-21	2022-04-21	30	60	10	—	—	—
Nucynta ER 150 MG TB12	MD	2022-03-28	2022-03-28	30	60	120	—	—	—
traMADol HCl 50 MG TABS	MD	2022-03-22	2022-03-22	30	60	10	—	—	—
Morphine Sulfate ER 15 MG TBCR	MD	2022-03-01	2022-03-01	20	120	90	—	—	—

****Both icons will only be seen by a practitioner authorized in Maryland and the District of Columbia****



2.4 Clinical Data

The “Clinical Data” section provides controlled dangerous substance dispenses, schedule II-V, to prescribers and dispensers.

Health Records displays the patient’s Radiology reports, Laboratory reports, and Clinical Notes received from CRISP participants.

Encounters displays information regarding the patient’s previous inpatient or outpatient encounters. This includes date, source, and may also include additional information such as Discharge Diagnosis and Admit Reason.

Problems displays a consolidated list of active problems from organizations that contribute electronic health record problem lists to the HIE. Each problem includes first and last reported date and the most recent organization to report the problem to the HIE.

Structured Documents lists Continuity of Care Documents (CCD), which contain sections to help healthcare professionals understand a patient’s continuation of care.

Immunizations provides a patient’s available immunization history from the relevant state’s Immunization Information System (IIS).

Allergies displays a consolidated list of allergies from organizations that contribute electronic health record allergy data to the HIE. Each allergy includes the reaction, comments and the last reported date from the most recent organization to report that allergy to the HIE.

Date Collected (ET) ↓	Source	Description	Provider
2023-06-27	Adventist Healthcare White Oak Medical Center	Potassium SerPl-sCnc	–
2023-02-14	Washington Adventist Hospital	CBC	99986 PHYSICIAN TEST
2020-09-07	Quest DC	Capillary	Quest DC
2020-09-06	Quest DC	Venous	Quest DC
2020-09-05	LABCORP	Venous	LABCORP
2020-09-04	LABCORP	Capillary	LABCORP
2020-09-03	LABCORP	Unknown	LABCORP
2020-09-02	LABCORP	Venous	LABCORP
2020-09-01	Quest DC	Venous	Quest DC
2020-08-06	Maryland National Electronic Disease Surveillance System	Abbott ID NOW COVID-19	1346514536 Dr. Test
2020-06-09	Western Maryland Health System	SARS-CoV-2	ARRJU Juan Arrisueno
2019-04-16	Meritus Medical Center	BASIC METABOLIC PANEL	1235391673 JULIE SANICOLA-JOHNSON
2019-04-16	Meritus Medical Center	MRSA PCR RAPID SCREEN	1598739518 MOHAMMAD MALIK
2019-02-01	WVHIN DEMO	GLUCOSE-POCT	undefined undefined undefined
2019-02-01	Meritus Medical Center	PT	1497721294 Mitch Mitcherson
2018-03-15	Shady Grove Adventist Hospital	Basic Metabolic Profile	99986 PHYSICIAN TEST



This is an example of a **Health Record**. Users can flip through records using the numbers marked with arrows in the upper right corner.



2.5 Care Coordination

The “Care Coordination” section includes Care Alerts, Care Team, and Advance Directives.

Care Team displays the organizations that are subscribed to the given patient. This will also include additional information about the patient’s Care Program and Care Manager.

HIE InContext | Gilbert Testpatient Grape | Male | Jan 1, 1984

CARE TEAM | CARE ALERTS | REFERRAL HISTORY | ADVANCE DIRECTIVES

Source	Care Program	Provider	Role	Start Date ↓	Last Updated
Howard University Hospital	--	--	--	2025-02-11	2025-03-03
AHC HealthIntent	--	ADEBOWALE PREST	Primary Care	2025-01-20	--
AHC HealthIntent	--	ADEBOWALE PREST	Primary Care	2025-01-04	2025-01-13
Maryland Physicians Care	--	--	--	2024-06-21	--
Community Health Network of Connecticut	--	--	--	2024-05-29	--
St Marys County Health Referrals	--	--	--	2024-01-24	--
Adventist HealthCare Medical Group	--	--	--	2023-03-14	2024-08-19
Washington Adventist Hospital	--	--	--	2023-02-15	2024-08-19
ADWOMC OHQA	--	--	--	2023-02-15	2024-08-19
Adventist HealthCare	--	--	--	2023-02-14	2023-02-14
ADVSGAH OHQA	--	--	--	2022-12-08	--
ADVSGAH OHQA	--	--	--	2022-12-08	--
Shady Grove Adventist Hospital	--	--	--	2022-12-08	--
Luminis Health - Anne Arundel Medical Center	--	--	--	2022-04-20	2022-04-20
Amerigroup Referrals	ENS_AMRGRFRL	undefined	Care Manager	2022-01-12	2024-08-19

Care Alerts are high priority care coordination information meant for complex patients. Care Alerts include “need to know” information that inform decision making. Click “View” to see more information on the alert.

Referral History displays referrals to organizations that address the patient’s social needs. It will also include information on the outcomes of the referrals, the referral sender, and the referral recipient when available.



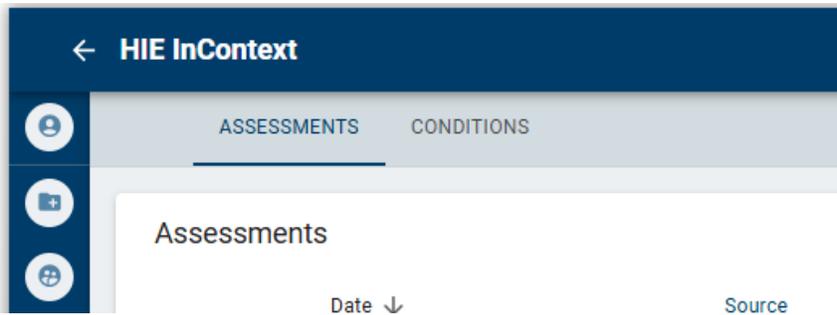
The Advance Directive subtab will list all directive documents the HIE has for the patient. Currently, CSS is integrated with the WV End of Life Registry and MyDirectives.com. These documents will open in a new tab.

2.6 Social Needs Data

The “Social Needs Data” section displays data related to a patient’s social needs that may have been performed in the past.

Assessments provides a patient’s questions and their responses to structured social determinant of health questionnaires.

Conditions displays identified conditions from Z-code



2.7 Data from Claims

The “Data From Claims” section displays the data CRISP receives from Claims sources.

Currently, CSS is receiving Claims data from DC, MD, and WV.

This data includes **Medications, Diagnosis, Procedures, and Encounters.**

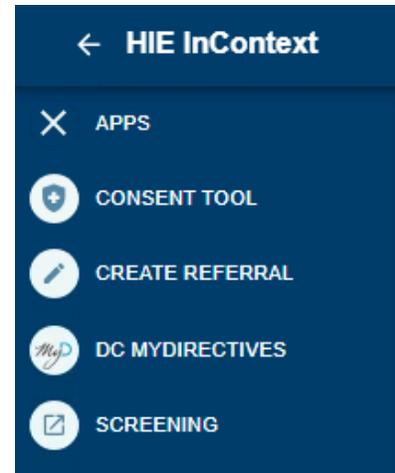
Date ↓	Medication	Quantity	Supply	Prescriber
2022-04-25	loratadine	30	30	WEHBERG, JENNIFER
2021-12-02	amoxicillin	100	10	WEHBERG, JENNIFER
2021-11-29	SARS-CoV-2 mRNA (tozinameran 5y-11y) vaccine	0	1	DONALDSON, KAREN
2021-11-08	SARS-CoV-2 mRNA (tozinameran 5y-11y) vaccine	0	1	DONALDSON, KAREN
2021-06-09	loratadine	30	30	WEHBERG, JENNIFER
2021-06-09	fluticasone nasal	16	30	WEHBERG, JENNIFER
2021-03-16	ketocoazole topical	120	14	ADAMS, ADAM
2020-10-08	fluticasone nasal	16	30	ADKINS, AMBER
2020-10-08	loratadine	30	30	ADKINS, AMBER
2020-08-13	ketocoazole topical	30	15	DELEON, CHRISTINA
2020-08-13	ketocoazole topical	120	10	DELEON, CHRISTINA
2020-05-01	griseofulvin	20	20	ADAMS, ADAM
2020-04-15	montelukast	30	30	FORNEY, TRINA
2020-04-02	griseofulvin	20	20	ADAMS, ADAM
2020-04-01	ketocoazole topical	60	30	ADAMS, ADAM
2020-02-13	griseofulvin	20	20	ADAMS, ADAM

2.8 Apps

After clicking on the Apps section, a list will appear containing the applications available to CRISP MD users through the InContext application.

For more information about the applications available through CRISP InContext, refer to the following webpages:

1. Consent Tool – [Consent Tool Webpage](#)
2. Create Referral – [Social Determinants of Health Webpage: Referrals](#)
3. DC MyDirectives – [Advance Directives Webpage](#)
4. Screening – [Social Determinants of Health Webpage: Sharing SDOH Data](#)

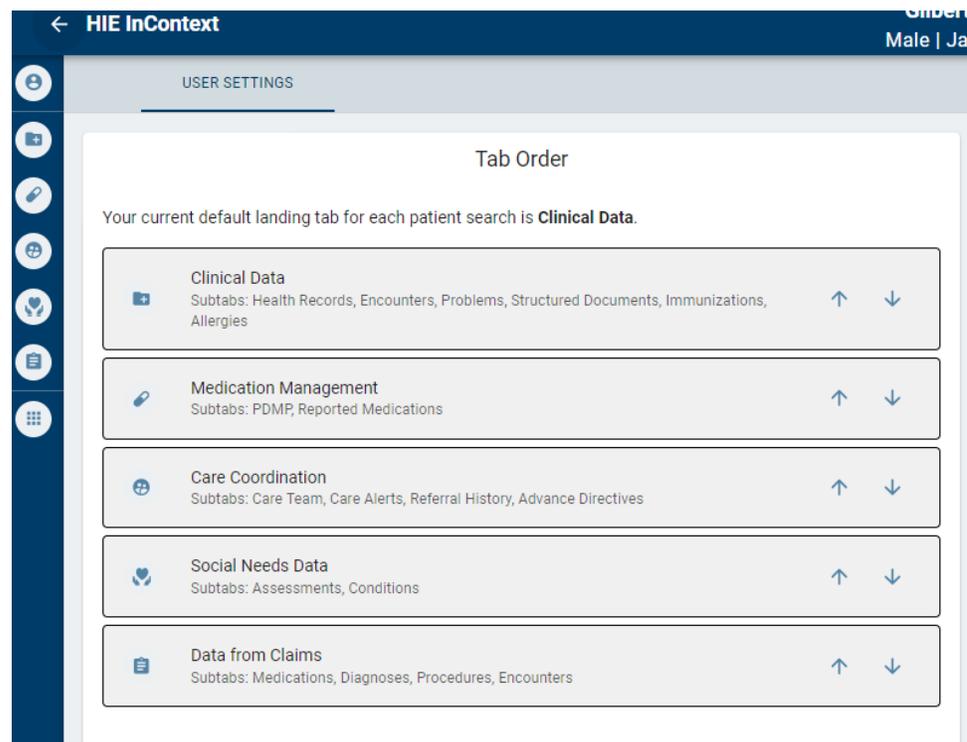


3 Settings and Customization

The InContext Application allows users to customize their view in multiple ways, enabling a more personalized InContext experience. Customization is designed to enhance a user's workflow by allowing them to prioritize the most used sections of InContext in their default view of the application.

3.1 Customization Application Tab Arrangement

Users can reorder their tab arrangement by going into the user settings and using the arrows. The upper most tab will be the default landing page when users log into the app.





3.2 My Patient Summary Customization

My Patient Summary is a personalized space to centralize all essential information in one location. To customize your dashboard, follow these steps:

Navigate: Identify which subtabs you wish to include in the tab.

Pin: Click the pin icon next to any subtab to add it to My Patient Summary.

Unpin: To remove an item, click the unpin icon next to the subtab name or from your view within My Patient Summary



Description	
> TYPE 1 DIABETES MELLITUS WITHOUT COMPLICATIONS	
> HYPOTHYROIDISM, UNSPECIFIED	E03.9
> NECK PAIN	M54.2
> ADJUSTMENT DISORDER WITH MIXED ANXIETY AND DEPRESSED MOOD	F43.23
> ACCELERATED HYPERTENSION	I10
> ((DIOPATHIC) NORMAL PRESSURE HYDROCEPHALUS	G91.2
> BIPOLAR 1 DISORDER, MANIC, MODERATE	F31.12
> ANEMIA, UNSPECIFIED	D64.9
> TYPE 2 DIABETES MELLITUS WITHOUT COMPLICATIONS	E11.9
> ABNORMAL CARDIOVASCULAR STRESS TEST	R94.39
> (INDUCED) TERMINATION OF PREGNANCY WITH OTHER COMPLICATIONS	O04.89

For more information and documentation about the InContext application, view our [InContext webpage](#). Please reach out to support@crisphealth.org or call 877-952-7477 if you have any issues or questions about the application.