

# ULP<sup>®</sup> Starter Guide

**Unified Landing Page is the single-login access point to all WVHIN services and provides a streamlined method of accessing all applications while requiring only one username and password.**

## **The ULP features:**

- A universal patient search with capabilities such as “fuzzy search” to show potential matches and an option to combine patient records into the same view for some applications.
- The ability to switch between applications while viewing the same patient. Seamlessly access to new applications while still maintaining a single username and password.

# PROMPT

Proactive Management of Patient Transitions, PROMPT, was developed to provide an easy to use interface for clinicians to access notifications and other capabilities of the Encounter Notification Service® (ENS®).

# ULP® STARTER GUIDE

## PROMPT

Please email [support@crisphealth.org](mailto:support@crisphealth.org) for any issues, suggestions or defects.

The screenshot shows the PROMPT web application interface. At the top left is the WWHIN logo and 'Unified Landing Page'. Navigation tabs for 'HOME' and 'PROMPT' are visible. On the right, there are links for 'FAQ', 'HELP', and 'PILOT USER (SIGN OUT)'. The main interface includes a search bar (1), a filter dropdown (2), and a list of notifications (3). A notification summary table (4) lists notifications with columns for location, date/time, and event type. A detailed notification view (5) shows the same information for a selected notification. A full notification view (6) displays patient details (MRN, DOB, gender, address, etc.) and primary care provider information. A 'MOST RECENT EVENT' section (7) shows event details like source facility, setting, type, date/time, and diagnosis. An 'EVENT HISTORY' section (8) shows a log of notification status changes. A 'STATUS LOG' section (9) shows a list of notification status changes with timestamps and user actions. A 'HELP' button (10) is located in the top right corner.

### Here's what you can do in PROMPT:

- 1 Conduct a Search
- 2 Apply a Filter
- 3 View a List of Notifications
- 4 Download the Notifications Summary
- 5 Mark Work-flow Status
- 6 Access the Full Notification
- 7 View Prior Events
- 8 View the Status Log
- 9 Get Help
- 10 Activate Account Settings

## If you want to:

### 1 Conduct a Search

### 2 Apply a Filter

### 3 View a List of Notifications

### 4 Download the Notifications Summary

### 5 View Work-flow Status

## Use this approach:

A user can use the search box to filter results by patient name or MRN (Patient ID). The Patient ID or MRN is pulled from the patient panel submitted by the Participant. If a user prefers to search for the MRN of the source facility (i.e., where the event took place), he/she can use the Add Filters drop-down and apply a filter for Source MRN.

There are a variety of filters that can be used in PROMPT to improve the view of notifications. First, if a user has access to more than one participant (i.e., if he/she has submitted more than one patient panel), he/she can click the Participant drop-down to see notifications from a single Participant or all (Any Participants). Additionally, a user can filter by specific data elements in the notification using the Add Filters drop-down (e.g., number of ER visits, Diagnosis, Chief Complaint, PCP, Event Type). This feature allows the user to apply specific search criteria to the notifications view. For example, a user could search for frequent ED utilizers with filters for Patient Class = Emergency (E), Event Type = Discharge (A03), and Number of ER visits > 3.

The notifications preview provides a quick summary of the following items:

- Gender
- Name
- MRN/Unique identifier assigned by you (the Participant)
- The date and time of the encounter/event
- The notification event type
- The Patient Complaint followed by the Diagnosis if provided

One of the buttons in the upper right corner of the notifications preview section is the download button. This allows you to download all notifications or a list of notifications that have been selectively filtered (up to a maximum of 500 notifications). The downloaded notifications are saved as a comma separated file (.csv), which will open in Microsoft Excel. This feature allows the user to download notifications at any time based on his/her selected criteria and share data with outside users or care teams, add additional data to the spreadsheet, and more.

PROMPT was created to be lightweight and intuitive. Three basic work-flow statuses were created (Not Started, In Progress, and Completed) to allow users to track actions taken during care coordination. Each status corresponds to the respective tab in the notifications preview screen and will also be recorded in the Status Log section of the full notification view.

## If you want to:

### 6 Access the Full Notification

### 7 View Prior Events

### 8 View the Status Log

### 9 Get Help

### 10 Activate Account Settings

#### Change Your Password

#### Logout

## Use this approach:

When a notification is selected from the list, a more detailed information view will display on the right with information from both the ADT message and the patient panel submitted by the participant. This includes key demographic and event information including, but not limited to:

- Name
- Patient ID or MRN
- Phone Number
- Date of Birth
- Address
- Number of IP and ER Visits (last 6 months)
- Recorded Event Date and Time
- Patient Class (e.g., ER, IP, OP)
- Event Type (e.g., Admit, Discharge)
- Event Location
- Patient Diagnosis
- Discharge Disposition
- Discharge to Location
- Patient Complaint
- Admit Source

At the bottom of the detailed notification view, ENS also displays a list of historical events for the patient. The Event History begins when the participant went live on PROMPT (when the first patient panel/roster was submitted). Each prior event is populated by information from the ADT that was received.

A Status Log section is displayed below the Most Recent Event and/or Additional Information sections of the detailed notification view. This section provides a history of actions taken by users when changing the status of a notification during their work-flow. Each entry will record the user name, date and time, and which work-flow status was set for the notification.

Clicking the question mark in the upper right hand corner will allow you to directly email the ticketing system to keep track of any questions, issues or suggestions. (PHI is permitted within the feedback portal)

Your name is displayed in the upper right hand corner. Upon clicking it, two options will be listed: change password and logout.

Clicking change password will go to the screen where a user can change the password by entering the old password and requested new password.

The logout function allows the user to remove the authentication of the user. Closing the window for ULP will automatically log the user off as well.

# Panel Loader

Learn how to upload patient panels from your system to receive Encounter Notification Service (ENS) alerts.

## Navigate the Panel Loader homepage by following this step-by-step process:

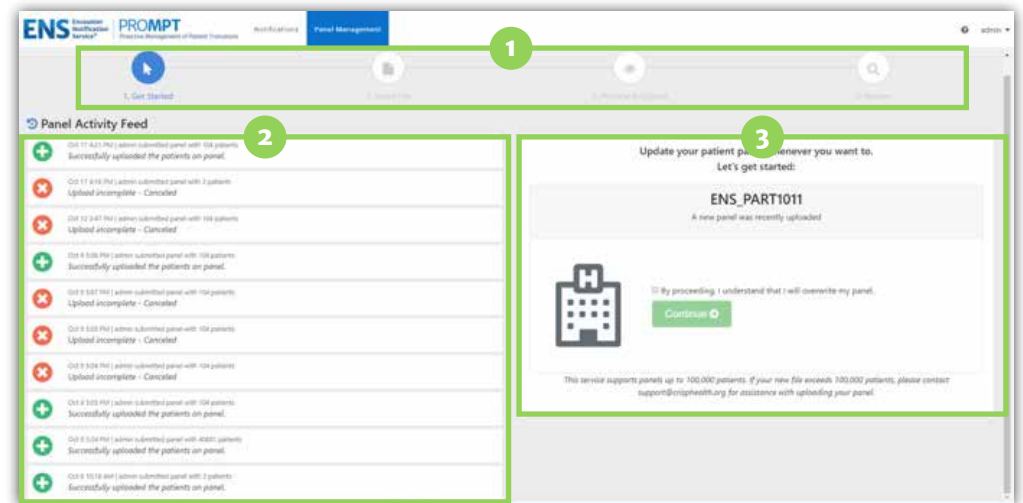
### 1 View the Status

The status bar displays the various phases of the panel upload process and changes as you progress through each phase.

### 2 View the Panel Activity

The feed on the left shows a history of previous user activity loading panels. You can click on each entry to view a “Completed Task Report,” which shows the breakdown of rows/patients in the following statuses after an attempted upload:

- **Total** – Number of patients on the patient panel template during upload.
- **Not Processed** – Number of patients on the panel that were rejected due to an MPI error threshold limit being met or exceeded. If the template reaches the 5% threshold for MPI or Overlaid rows, the entire panel will be rejected.
- **Mapping Error** – Number of patients/rows with data from a required field omitted or entered in the wrong format.
- **MPI Error** – Number of patients rejected from the Master Patient Index.



- **Invalid** – Number of patients that failed the validation rule(s) and the user chose ‘Reject Rows’ instead of ‘Use Anyway’.
- **Overlaid** – Number of patients with a conflict in the MPI where the same MRN / Patient ID is provided for different demographics.
- **Published** – Number of patients from the panel that have been successfully uploaded to the system.

### 3 Upload Patient Panel

This box displays the number of patients on the current patient panel and allows you to upload a new panel to overwrite existing patients (click the check box and click Continue). Please ensure you are using the correct panel template (downloaded through the site or CRISP website) and follow the formatting guidelines.

## Continue by previewing your panel and uploading:

### 4 File Preview

Displays a random sample of 10 rows/patients from the panel to give the user the opportunity to check formatting and data quality (i.e., ensure the headers match the data below). Mapping errors (blank data or incorrect formatting in required fields, e.g., address, Birth date) will display here for the previewed rows.

The screenshot shows the 'Panel Management' interface. At the top, there are three steps: 1. Get Panel, 2. Select File, and 3. Preview & Upload. Step 4 is highlighted, showing a preview of a panel with a table of 10 patient rows. Below the table are two summary cards: 'Current Panel' and 'New Panel'. The 'Current Panel' card shows 'Active Patients: 104' and a 'CHOOSE ANOTHER FILE' button. The 'New Panel' card shows 'Patients in queue: 104' and 'File name: MytestData.csv', with an 'UPLOAD NEW PANEL FILE' button.

Standard Field (New Field)	Group	Member_Status (Member_Status)	Patient_ID (Patient_ID)	First_Name (First_Name)	Middle_Name (Middle_Name)	Last_Name (Last_Name)	Name_Suffix (Name_Suffix)	Address_1 (Address_1)	Address_2 (Address_2)	City (City)	State (State)	Zip (Zip)	Birthdate (Birthdate)	Gender (Gender)	SSN (SSN)	HL (HL)
	ENV_PANEL011	ADD	13-710-0762	David	David	Servant	Dr	09251 Shadowline Parkway	Apt 4	Fargo	ND	58102	1985-02-08	M	438-74-4532	7C
	ENV_PANEL011	ADD	53-528-4389	Merrill	Merrill	Caraher	Dr	7141 Farragut Drive	Apt 3003	Las Cruces	NM	88009	1983-07-31	M	413-73-9460	5C
	ENV_PANEL011	ADD	05-412-8238	Giovani	Giovani	Craker	Dr	86 Rudick Court	Apt 4030	Albion	OH	44718	2014-11-06	M	375-31-4432	23
	ENV_PANEL011	ADD	74-080-2338	Kipper	Kipper	Ernst	Dr	9948 Prentice Junction	Apt 28	Cleveland	OH	44177	1989-11-25	M	479-47-6267	44
	ENV_PANEL011	ADD	45-730-2198	Albrecht	Albrecht	Halling	Dr	240 Spransick Court	Apt 2958	Pittsburgh	PA	15268	2011-03-17	M	487-03-4183	-8
	ENV_PANEL011	ADD	48-005-2181	Vaughan	Vaughan	Woodth	Dr	25600 Kunk Place	Apt 854	Dayton	OH	45408	1973-10-28	M	893-71-3666	93
	ENV_PANEL011	ADD	73-934-2181	Mann	Mann	Grayham	Dr	36 Dawn Drive	Apt 7	Denver	CO	80041	1993-09-08	F	384-50-2444	3C
	ENV_PANEL011	ADD	83-734-4081	Templeton	Templeton	Loyett	Dr	2779 Golf Course Road	Apt 08	Jackson	TX	78208	1989-10-06	M	486-95-1361	73
	ENV_PANEL011	ADD	83-813-1248	Farle	Farle	Barine	Dr	1134 Raven Street	Apt 52548	Charleston	WV	25328	1989-05-23	M	222-73-6479	3C
	ENV_PANEL011	ADD	59-979-7112	Drude	Drude	Hulse	Dr	82 Lily Place	Apt 42	Charleston	WV	25321	1989-01-01	F	232-44-4090	3C

### 5 Current Panel

Displays the number of active patients on the current panel. Users can click Choose Another File if their data is displaying incorrectly and need to start over.

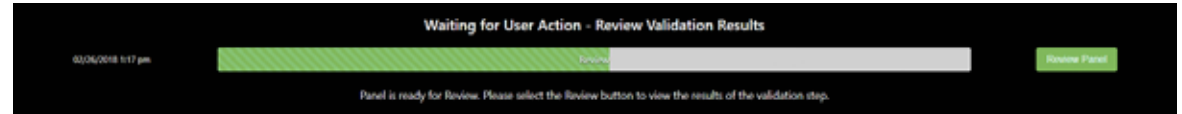
### 6 Current Panel

Displays the number of active patients on the current panel. Users can click Choose Another File if their data is displaying incorrectly and need to start over.



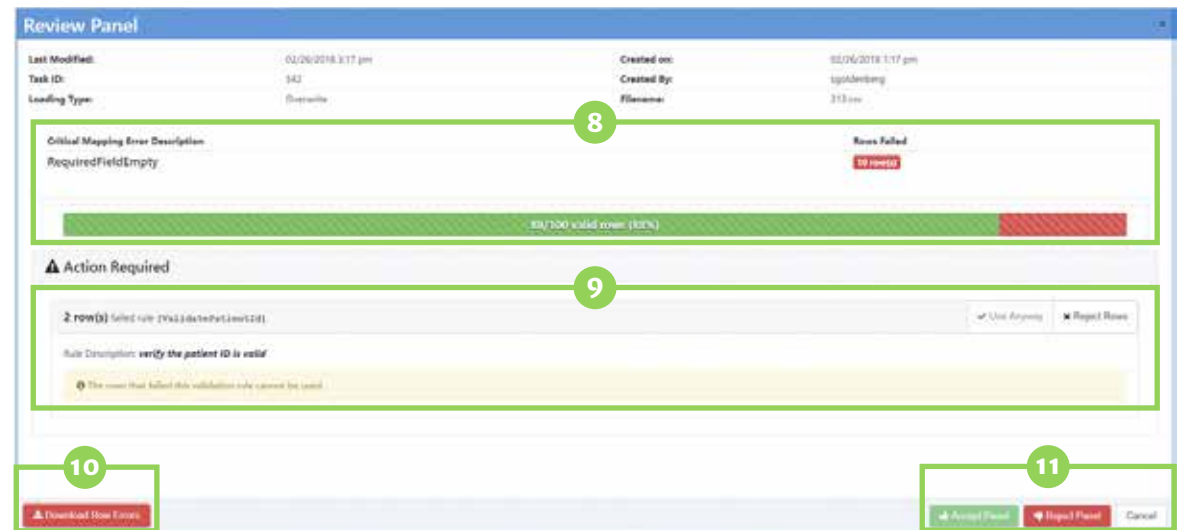
## 7 Progress Bar

Displays after the user clicks Upload Panel on the previous screen and the panel details are ready for review. This may take several hours depending on the user's connection and panel size, but users can close the browser and return later. Click Review Panel to proceed.



## 8 Mapping Errors

If mapping errors are present, a description of the mapping error and number of rows affected will be displayed here. This section will not display if there are no mapping errors.



## 9 Validation Results

If validation errors are present during upload, information will be displayed here and prompt the user to click Use Anyway or Reject Rows from the panel. This section will not display if there are no validation errors.

## 10 Validation Results

Allows the user to download rows that have mapping and/or validation errors (row number and error reason will display) for troubleshooting.

## 11 Complete Upload

After reviewing any mapping or validation errors (if applicable), the user can click Accept Panel, Reject Panel, or Cancel. Accepting or rejecting the panel will complete the upload process and return the user to the home screen. Any MPI or Overlaid errors will display after upload when the user returns to the home screen to click entry in the Panel Activity Feed to view the Completed Task Report.

# Census View

CENSUS View was developed to provide an easy-to-use tool for clinicians and care coordinators to access notifications, patient status, and other capabilities of the Encounter Notification Service® (ENS®) all in a single in-depth view.

The screenshot shows the ULP Census View interface. At the top, there are navigation links for 'HOME' and 'CENSUS'. On the right, there are utility icons for 'FAQ', 'HELP', and 'LOT USER (SIGN OUT)'. Below the navigation, there are filter sections for 'Panels', 'PCPs', 'Source Facilities', 'Alerted Practices', 'Care Programs', and 'Care Managers'. The main area displays three panels: 'Currently Hospitalized Patients', 'Patients Currently in ED', and 'Recently Discharged Patients'. Each panel shows a list of patients with their names, source facilities, and length of stay. Callouts 1 through 11 point to specific features: 1 (Filter Summary), 2 (Apply Filter), 3 (Visit Panels), 4 (Work-flow Filter), 5 (Work-flow Status), 6 (Patient Information), 7 (Length of Stay), 8 (Download All Panels), 9 (Download Individual Panel), 10 (Help), and 11 (Account Settings).

## Here's what you can do in Census View:

- 1 Display the Filter Summary
- 5 View the Work-flow Status
- 9 Download an Individual Panel
- 2 Apply a Filter
- 6 Access Patient Information
- 10 Get Help
- 3 Visit Panels
- 7 View Length of Stay
- 11 Activate Account Settings
- 4 Apply the Work-flow Filter
- 8 Download All Visit Panels

## If you want to:

### 1 Display the Filter Summary

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### 2 Apply a Filter

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### 3 Visit Panels

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### 4 Apply the Work-flow Filter

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### 5 View the Work-flow Status

## Use this approach:

The “Filters” button in the upper left-hand corner displays the filters currently applied to the user’s patient panels. To view/hide applied filters, click the drop-down arrow.

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There are six filters that can be used in Census to organize the patient panels. Users can apply filters from the following categories: Panel, Source Facility, Care Program, PCP, Alerted Practices, and Care Managers. The information used to generate the filters is pulled from the patient panel submitted by the Participant. To add a filter, a user can manually enter search criteria into the appropriate field or click the drop-down arrow to select one of the options provided. To remove a specific filter, click the “X” to the left of the filter. To remove all filters within a category, select the “X” to the right of that category.

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The visit panels allow a user to view the location of his/her patients. Currently, Census displays three panels: “Currently Hospitalized Patients”, “Patients Currently in the ED”, and “Recently Discharged Patients”. Over time, additional panels may be included.

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The work-flow filter function allows a user to sort a panel based on the patient’s care coordination status (“Not Started”, “In Progress”, “Completed”).

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The work-flow status icons allow a user to track a patient’s care coordination status throughout their encounter. The red outlined circle indicates a patient’s care coordination status as “Not Started”, the orange partially-filled circle indicates a status as “In Progress”, and the green solid circle indicates a status as “Completed”.

## If you want to:

### 6 View Patient Information

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### 7 View Length of Stay

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### 8 Download All Notification Panels

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### 9 Download an Individual Panel

---

### 10 Get Help

---

### 11 Activate Account Settings

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#### Change Your Password

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#### Logout

## Use this approach:

Click on the patient's name to view more information including a link to the Patient Care Snapshot (providing an in-depth patient view), the exact time and date of event, and the patient's diagnosis.

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The column to the left of the patient's name display his/ her length of stay.

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The white download icon in the upper right-hand corner allows the user to download all notification panels ("Currently Hospitalized Patients", "Patients Currently in ED", and "Recently Discharged Patients") simultaneously. Click the "filtered" button to download all visit panels with your selected filters applied; click the "unfiltered" button to download all notification panels without any filters.

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The blue download icon in the upper right-hand corner of each visit panel allows the user to download that visit panel individually. The panel will [automatically] download with the filters selected by the user once clicked. To download the panel without filters, manually clear filters from the appropriate categories(s) at the top of the page.

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Clicking the question mark in the upper right hand corner will allow you to directly email the ticketing system to keep track of any questions, issues or suggestions. (PHI is permitted within the feedback portal)

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Your name is displayed in the upper right hand corner. Upon clicking it, two options will be listed: change password and logout.

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Clicking change password will go to the screen where a user can change the password by entering the old password and requested new password.

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The logout function allows the user to remove the authentication of the user. Closing the window for ULP will automatically log the user off as well.

# Patient Care Snapshot

The Patient Care Snapshot is an aggregation of both clinical and non-clinical data for a selected patient.

The Patient Care Snapshot combines critical information relevant to your role in the patient's care. It displays data from a variety of sources to provide an at-a-glance view of the patient's clinical history. Information is presented from a compilation of care management data alongside real-time hospital encounter feeds, up-to-date demographic information, patient to care provider attribution, and clinical summaries of care from our real-time interfaces with providers across the region.

# Patient Care Snapshot

Please email [support@crisphealth.org](mailto:support@crisphealth.org) for any issues, suggestions or defects.

The screenshot shows the Patient Care Snapshot interface for a patient named Gilbert Grape. The interface includes a navigation bar with 'HOME' and 'PATIENT CARE SNAPSHOT' tabs, a search bar, and a user profile section. The main content area is divided into several sections:

- 1 Patient Demographics:** A table showing patient information such as name, gender, date of birth, and phone number.
- 2 Health Relationship:** A table showing the patient's relationship with various healthcare providers, including their names, programs, and roles.
- 3 Encounters From ADT:** A timeline view showing patient encounters from November 2017 to March 2018. The timeline includes markers for Emergency, Inpatient, and Outpatient encounters.
- 4 Filter Results by Date:** A date range selector at the bottom of the timeline, currently set from 01/01/2017 to 04/01/2018.
- 5 Profile Sections:** A sidebar menu on the right side of the interface, allowing users to toggle various data sections on or off, such as Patient Demographics, Medications From Claims, and Encounters From ADT.

## Here's what you can do in the Patient Care Snapshot:

- 1 View Patient Demographics
- 2 View who Receives Alerts
- 3 View Recent Encounter Activity
- 4 Adjust Timeline Range
- 5 Filter Results by Date
- 6 Modify Profile Sections

## If you want to:

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### 1 View Patient Demographics

## Use this approach:

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The “Patient Demographics” widget displays the patient’s information including name, address, gender, date of birth, and contact information.

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### 2 View who Receives Alerts

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The “Health Relationships” widget displays information about the various provider organizations who will receive encounter alerts for that patient. This information can be sorted to suit your viewing needs by clicking the yellow arrows next to the field of interest.

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### 3 View Recent Encounter Activity

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The “Encounters from ADTs” widget displays information on patient encounters including the source (facility where the encounter took place), the event type, and the date. This information can be sorted to suit your viewing needs by clicking the yellow arrows next to the field of interest. Use the circular buttons to view encounters for a specific time frame. For a more detailed view, place your cursor over the graph to zoom in or out.

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### 4 Adjust Timeline Range

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Select from the options provided to view patient data within the desired time frame, ranging from one week to a year.

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### 5 Filter Results by Date

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Enter the dates within the fields provided to search a specific timeframe then click “apply”. This will give you a more granular view of patient data presented.

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### 6 Modify Profile Sections

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The Patient Care Snapshot dashboard can be customized to fit your viewing needs. Click the “Profile Sections” button to enable or disable various widgets. You can also drag and drop widgets to adjust the order in which they are viewed on your screen.



# Health Records

The Health Records application is designed to make clinical data easily accessible and provides an improved overall user experience.

This new application provides an updated layout, search capabilities, and improves usability with fewer clicks to access patient information.

## Navigate the Health Records Application by following this step-by-step process:

### 1 Additional Patient Demographic Information

To view additional patient demographic data click the “details” button to expand the section and show patient information such as address, telephone number and EID.

The screenshot displays the 'HEALTH RECORDS' section of the application. At the top, there is a navigation bar with links for HOME, PDMP, PATIENT SNAPSHOT, DELEGATOR DASHBOARD, PROMPT, and HEALTH RECORDS. The user is logged in as MATT M. The main content area shows patient information for 'Testpatient, Medium' with a 'Details' button. Below this, a 'Demographics' section is expanded, showing the patient's name, address (1944 OMAHA LN, HAGERSTOWN, MD, 21740), gender (Male), and EID (79680235). A 'RESULTS VIEWER' section is also visible, with a date range set to '1 Year'. Below the results viewer, there are tabs for 'Laboratory', 'Radiology', and 'Transcriptions'. The 'Laboratory' tab is active, showing a search bar and a table of results.

Date	Description / Category	Facility / Provider
2019-01-02 19:00	Basic Metabolic Panel BMP LAB	University of Maryland Medical Center 1912448424 KEVIN GOUNDRY
2019-01-02 19:00	Complete Blood Count CBC LAB	University of Maryland Medical Center 1912448424 KEVIN GOUNDRY
2019-01-02 19:00	Electronic GFR GFR LAB	University of Maryland Medical Center 1912448424 KEVIN GOUNDRY
2019-01-02 19:00	Glucose POC Glucose POC LAB	University of Maryland Medical Center 1215033410 Marcela Wozniak
2019-01-02 19:00	Glucose POC Glucose POC LAB	University of Maryland Medical Center 1215033410 Marcela Wozniak
2019-01-01 19:00	Glucose POC Glucose POC LAB	University of Maryland Medical Center 1215033410 Marcela Wozniak
2019-01-01 19:00	Glucose POC Glucose POC LAB	University of Maryland Medical Center 1215033410 Marcela Wozniak
2019-01-01 18:00	Glucose POC Glucose POC LAB	University of Maryland Medical Center 1215033410 Marcela Wozniak



### 3 Select a Report Type

Once within your patient's health records use the buttons to view labs, radiology, transcription, or imaging reports. Each button displayed is based on the type of reports available for each patient. Click the laboratory button to view the patient's most recent lab results. Within the window click the report you wish to view to instantaneously load the patient's results on the right-hand side of the screen. Follow these same steps to view additional reports within the other buttons.

The screenshot shows the WWHIN patient health records interface. At the top, there is a navigation bar with links for HOME, PDMP, PATIENT SNAPSHOT, DELEGATOR DASHBOARD, PROMPT, and HEALTH RECORDS. The 'HEALTH RECORDS' link is highlighted. Below the navigation bar, the patient information is displayed: Testpatient, Medium; Male | 05 Jul 1992 (88 Y); EID 79680235. A 'RESULTS VIEWER' section shows a 'Date Range: All Dates' dropdown and a 'Print' button. Below this, there are three tabs: 'Laboratory', 'Radiology', and 'Transcriptions'. The 'Laboratory' tab is selected and highlighted with a green dashed box. The main content area is divided into two columns. The left column is a search table with columns for Date, Description / Category, and Facility / Provider. The right column is an 'Observation' table with columns for Reported, Name, Value / Ref. Range, Interpretation, and Status. The 'Observation' table shows several lab results, with two highlighted in red: '2339-0 Glucose Level' and '3084-0 BUN', both with 'Above High Normal' interpretations.

Date	Description / Category	Facility / Provider
2019-01-02 19:00	Basic Metabolic Panel BMP LAB	University of Maryland Medical Center 1910448424 KEVIN DOUNDRY
2019-01-02 19:00	Complete Blood Count CBC LAB	University of Maryland Medical Center 1910448424 KEVIN DOUNDRY
2019-01-02 19:00	Electronic GFR GFR LAB	University of Maryland Medical Center 1912448424 KEVIN DOUNDRY
2019-01-02 19:00	Glucose POC Glucose POC LAB	University of Maryland Medical Center 121003410 Marcella Wozniak
2019-01-02 19:00	Glucose POC Glucose POC LAB	University of Maryland Medical Center 121003410 Marcella Wozniak
2019-01-01 19:00	Glucose POC Glucose POC LAB	University of Maryland Medical Center 121003410 Marcella Wozniak
2019-01-01 19:00	Glucose POC Glucose POC LAB	University of Maryland Medical Center 121003410 Marcella Wozniak
2019-01-01 19:00	Glucose POC Glucose POC LAB	University of Maryland Medical Center 121003410 Marcella Wozniak
2019-01-01 19:00	Glucose POC Glucose POC LAB	University of Maryland Medical Center 121003410 Marcella Wozniak
2019-01-01 19:00	Glucose POC Glucose POC LAB	University of Maryland Medical Center 121003410 Marcella Wozniak

Reported	Name	Value / Ref. Range	Interpretation	Status
2019-01-02 19:00	2951-2 Sodium Level	133.0 mmol/L 128 - 145		Final
2019-01-02 19:00	2623-3 Potassium Level	4.3 mmol/L 3.5 - 5.1		Final
2019-01-02 19:00	2075-0 Chloride Level	100.0 mmol/L 98 - 107		Final
2019-01-02 19:00	2028-9 CO2	30.0 mmol/L 21 - 30		Final
2019-01-02 19:00	33037-3 Anion Gap	4.0 4 - 16		Final
2019-01-02 19:00	2339-0 Glucose Level	220.0 mg/dL 70 - 98	Above High Normal	Final
2019-01-02 19:00	3084-0 BUN	19.0 mg/dL 8 - 17	Above High Normal	Final
2019-01-02 19:00	2160-0 Creatinine	0.53 mg/dL 0.52 - 1.04		Final
2019-01-02 19:00	17861-6 Calcium Level	8.8 mg/dL 8.8 - 10.2		Final

## 4 Search Clinical Data

To locate a specific report, enter the date, report description, provider, and/or facility name within the search field provided. Review the results then select the desired report.

The screenshot displays the WWHIN Health Records interface. At the top, there is a navigation bar with links for HOME, POMP, PATIENT SNAPSHOT, DELEGATOR DASHBOARD, PROMPT, and HEALTH RECORDS. The user is logged in as MATT W. The patient information section shows 'Testpatient, Medium' with a date of birth of 15 Jul 1982 and EID 79680235. The 'RESULTS VIEWER' section has a 'Data Range' set to '1 Year'. A search bar on the left contains the text '2019-01-02 Complete'. Below the search bar, a table lists search results with columns for Date, Description / Category, and Facility / Provider. The first result is '2019-01-02 19:00 Complete Blood Count CBC' from 'University of Maryland Medical Center'. A 'Print' button is highlighted in a green box on the right side of the interface. The main area displays a table of 'Observation' results with columns for Reported, Name, Value / Ref. Range, Interpretation, and Status.

Reported	Name	Value / Ref. Range	Interpretation	Status
2019-01-02 19:00	8000-2 WBC	12.6 K/MSL 4.1 - 11	Above high normal	Final
2019-01-02 19:00	789-8 RBC	3.28 MMPL 5.9 - 5.7		Final
2019-01-02 19:00	719-7 HGB	8.8 g/dL 11.8 - 15.7		Final
2019-01-02 19:00	4544-3 HCT	29.2 % 33 - 43		Final
2019-01-02 19:00	787-2 MCV	89.0 fL 80 - 100		Final
2019-01-02 19:00	785-8 MCH	28.8 pg 23 - 33		Final
2019-01-02 19:00	786-4 MCHC	32.1 g/dL 33 - 36		Final
2019-01-02 19:00	777-3 Platelet	914.0 K/MSL 151 - 387	Above high normal	Final
2019-01-02 19:00	33823-1 MPV	9.3 fL 8.4 - 10.4		Final
2019-01-02 19:00	786-0 RDW	15.3 % 12 - 13.2	Above high normal	Final
2019-01-02	771-6 NRBC Absolute Count	0.1 K/MSL		Final

## 5 Printing Reports (Step 1)

Each report can be converted to a .pdf document then printed. Select the report you wish to download then click the print button. Please note, this feature only allows for one report to download at a time.

## 6 Printing Reports (Step 2)

Preview of PDF printed record.

The screenshot shows a patient record interface. At the top right, there are three icons: a refresh icon, a download icon, and a print icon. The print icon is highlighted with a green box. The main content area displays a patient record for 'TESTPATIENT, Medium'. The record includes a header with patient name, MRN (1885-0218100), gender (Male), and DOB (01/20/1982). Below this is a table with columns for Name, SSN, Account #, Patient Class, Admitting, Admitted, and Discharged. The record also shows sections for 'Problems' (with 'No Records to Display'), 'Laboratory' (with 'MPOC' and 'Complete Blood Count (CBC)'), and a table of test results.

Test Name	Result	Out of Range	Reference	Units
HGB - HGB	12.4 K/mL	Above high normal	13.5-15.5	K/mL
Hb - HbC	3.28 g/mL	Below low normal	3.8-5.1	g/mL
Hct - HctC	4.4 L/L	Below low normal	4.4-5.4	L/L