



**KENTUCKY**

**HEALTH INFORMATION EXCHANGE**

1 | KHIE Overview

2 | Review of the Patient Chart in the ePartnerViewer

3 | Next Steps

## Setting Expectations

- The goals for today's Ambassador Network session:
  - Confirm ability to access the ePartnerViewer
  - Review the Patient Chart
  - Preview Next Steps

# The Patient Chart in the ePartnerViewer



KHIE is one of few state-based health information exchanges operating within state government, enabling a strategic collaboration with the Department of Medicaid Services and the Department for Public Health to enhance programs such as the Immunization Registry, Child Welfare System (TWIST), and kynect resources.

### Sources of Data

- Hospitals
  - Acute Care Hospitals
  - Large Hospital Systems
  - Small Rural Hospitals
- Ambulatory Clinics
  - Behavioral Health Centers
  - Federally Qualified Health Centers
- Laboratories
- KY Board of Emergency Medical Services
- Pharmacies
  - Immunization Data
- Medicaid Claims
- KASPER PDMP Reports
- kynect resources

### Types of Data Received

- ADTs (Admits, Discharges, Transfers)
- Summary CCDs
- Laboratory and Pathology Results
- Radiology Reports and Images
- Transcribed Reports
- Immunization Data
- Medication and Allergy Data
- EMS Data
- Medicaid Paid Claims Data
- SDoH Data (LOINC and ICD-10z Codes)

**CLINICAL DOCUMENTS**

DATE	NAME
03/31/2023	KHIE Summary CCD
03/14/2023	MCCH - Visit Notification Note
02/15/2023	UKHC - Visit Notification Note
02/12/2023	UKHC - Visit Notification Note
02/12/2023	MCCH - Visit Notification Note

[VIEW ALL CLINICAL DOCUMENTS](#)

**PATIENT ALERTS**

DATE	ALERT
01/24/2023	Emergency Visit Overutilization
01/11/2023	COVID Status
01/06/2023	Abnormal A1c

[VIEW ALL PATIENT ALERTS](#)

**LABORATORY**

COMPLETED DATE	NAME
01/11/2023	SARS-CoV+SARS-CoV-2 (COVID-19...
09/13/2022	Blood erythrocytes count (numbe...
09/13/2022	Blood hemoglobin measurement ...
09/13/2022	Blood hematocrit (volume fraction)
09/13/2022	MCV (mean corpuscular volume) ...

[VIEW ALL LABORATORY](#)

**SOCIAL DETERMINANTS OF HEALTH**

COMPLETED DATE	NAME
01/12/2023	Medical services not available in ...
01/11/2023	Drug abuse counseling and surve...
01/11/2023	Inadequate Housing

[VIEW ALL SDOH](#)

**ELECTRONIC CASE REPORTS**

DATE	NAME
01/12/2023	Reportability Response -2023011...
01/12/2023	Electronic Case Report -20230112...

[VIEW ALL ELECTRONIC CASE REPORTS](#)

**ENCOUNTERS**

START DATE	DIAGNOSIS
02/15/2023	OPIOID CODE HERE
02/12/2023	OPIOID CODE HERE
02/12/2023	OPIOID CODE HERE
02/11/2023	OPIOID CODE HERE
01/24/2023	Malignant neoplasm of unspecifie...

[VIEW ALL ENCOUNTERS](#)

**RADIOLOGY**

COMPLETED DATE	NAME
01/11/2023	Radiology Report, X-Ray
01/01/2020	Knee

[VIEW ALL RADIOLOGY](#)

**PATHOLOGY**

COMPLETED DATE	NAME
01/11/2023	Pathology Report

[VIEW ALL PATHOLOGY](#)

The ePartnerViewer, KHIE's web-based portal, provides a consolidated view of real-time and historical clinical data from multiple healthcare sources. A patient chart is categorized into clinically relevant groups called Portlets, which offer a "Patient-at-a-Glance" view. The Portlets display up to five of the most recent result reports in each clinical category. They are customizable and can be put in any order to meet the needs of the user.

- Clinical Documents**
- Patient Alerts**
- Labs and Reports**
- Social Determinants of Health**
- Electronic Case Reports**
- Encounters**
- Radiology**
- Pathology**
- Transcribed Reports**
- Uncategorized**
- Immunizations**
- Problems**
- Procedures**
- Medications and Allergies**
- Advance Directive**
- Sensitive Data**

**TRANSCRIBED REPORTS**

COMPLETED DATE	NAME
01/11/2023	Other Transcribed Report

[VIEW ALL TRANSCRIBED REPORTS](#)

**UNCATEGORIZED**

COMPLETED DATE	NAME
01/11/2023	UNCATEGORIZED LAB TEST

[VIEW ALL UNCATEGORIZED](#)

**IMMUNIZATIONS**

DATE	NAME
08/13/2022	Fluaval Quad 3YR+

[VIEW ALL IMMUNIZATIONS](#)

**PROBLEMS**

DATE	NAME
01/01/2023	Infection caused by Candida auris
09/01/2022	Nonspecific abdominal pain
06/24/2022	Diabetes mellitus
06/24/2022	Gout

[VIEW ALL PROBLEMS](#)

**PROCEDURES**

DATE	NAME
06/17/2021	XR knee 4V or more BI
05/05/2021	MRI abdomen w con

[VIEW ALL PROCEDURES](#)

**MEDICATIONS**

NAME
Ondansetron Hcl
Lisinopril
Oxycodone

[VIEW ALL MEDICATIONS](#)

**ALLERGIES**

NAME
morphine
Sulfa (Sulfonamide Antibiotics)
hydromorphone
bee pollen

[VIEW ALL ALLERGIES](#)

**ADVANCE DIRECTIVE**

DATE	NAME
01/10/2023	BCKDMI Personal Advance Care P...

[VIEW ALL ADVANCE DIRECTIVE](#)

**SENSITIVE DATA**

DATE	NAME
01/11/2023	BCKDMI 42 CFR PART 2

[VIEW ALL SENSITIVE DATA](#)

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The **Clinical Documents** Portlet contains **all** reports available on the patient including labs, encounters, and transcribed documents as well as Continuity of Care Documents (CCDs) and other clinical summaries such as hospital admission and discharge, emergency department admission and discharge, and office visit summaries. **Documents can be saved, printed, and/or exported from here.**

The **KHIE Summary CCD** represents a consolidation of most all data available on a patient. It's all in one place for a 'one-click' quick access to a patient's health history. The *Table of Contents* contains hyperlinks, enabling quick navigation to each section.

The **KHIE Medicaid CCD** displays all claims paid on behalf of a Medicaid patient.

Patient Summary		Medications & Allergies		Clinical Documents		Laboratory & Pathology	
<b>CLINICAL DOCUMENTS</b>				<b>ENCOUNTERS</b>			
DATE	NAME	START DATE	DIAGNOSIS				
04/15/2021	<b>KHIE Summary CCD</b>	04/14/2021	Pecked by Chicken				
04/15/2021	KHIE Medicaid CCD	04/14/2021	Pecked by Chicken				
04/14/2021	UKHC - Visit Notification Note	04/12/2021	Pecked by Chicken				
04/14/2021	UKHC - Visit Notification Note	04/12/2021	Pecked by Chicken				
04/12/2021	UKHC - Visit Notification Note	04/09/2021	Pecked by Chicken				

## KHIE Tip!

Healthcare organizations don't always name discharge summaries/instructions the same way. In addition to searching for *Discharge Summary* in the list of documents, you should also search for *After Visit Summary, After Office Summary, Emergency Summary, ED After Visit Summary.*

**AVAILABLE DOCUMENTS**

Organize Documents By...

**FILTER DOCUMENTS**

Search by name or title...

- 04/15/2021 KHIE Summary CCD 5:24:05 am
- 04/15/2021 KHIE Medicaid CCD 5:24:06 am
- 04/14/2021 UKHC - Visit Notification Note 11:00:00 am
- 04/14/2021 UKHC - Visit Notification Note 12:00:00 pm
- 04/12/2021 UKHC - Visit Notification Note 12:00:00 pm
- 04/12/2021 UKHC - Visit Notification Note 11:00:00 am
- 04/09/2021 UKHC - Visit Notification Note 12:00:00 am

**Contact info**

1234 TEST ST  
LEXINGTON, KY 40137  
Tel: +502-5271243

**Document Id**: 9907a714-9dd7-11eb-b80b-  
**Document Created**: April 15, 2021, 06:44:51-0400  
**Authoring Device**: Data from Multiple Sources

**Table of Contents**

- Encounters
- Allergies
- Medications
- Problem
- Functional
- Social
- Vital
- Results
- Immunizations
- Procedures

**Patient IDs**

00799691  
M0000764  
S00001333  
619003  
TEST030801  
P0000412  
H020200319001  
E1-820201013063448590  
M0000805  
H020200319002  
00799691  
OVS056  
M00000790

Some Participants cannot share data because not all EMR systems are interoperable with KHIE. The *Notes* section in the patient chart enables users to manually enter relevant clinical information.

52 years old  
BRADY, BOBBY  
DOB 07/12/1970  
Sex M  
Address 1234 TEST ST LEXINGTON KY 40137

DATE SELECTION: 3 months, 6 months, 9 months, 12 months, Custom. Retrieve

Showing Data for 08/05/2021 to 08/04/2022

ALERT: This patient has active Alerts. Please click on the banner to view existing Alerts on the patient.

Patient Summary | Medications & Allergies | Clinical Documents | Patient Alerts | Laboratory & Pathology | Reports | Encounters | Immunizations | Uncategorized | Patient Demographics | SDOH | **Notes**

Add  
View

SHOWING 62 ITEMS

NOTES	USER NAME	SUBMISSION DATE
asdfsdfasdfsdfasdfsdf	Ann, O'Hara	
asfsdfsdfsdfsdfsdfsdfsdfsdf	Ann, O'Hara	
sdfgdfgfd	Ann, O'Hara	07/21/2022 10:39 AM
DDFsdfsdfs	Ann, O'Hara	07/20/2022 4:35 PM
sdfgdfgdfgdfgfd	Ann, O'Hara	07/13/2022 12:56 PM

First Back 1 2 3 4 Next Last  
Maximum 5 entries per page

KHIE | ePartnerViewer

Patient Search | Bookmarked Patients

Home > Patient search > BOBBY BRADY

52 years old  
BRADY, BOBBY  
DOB 07/12/1970  
Sex M

DATE SELECTION: 3 months, 6 months, 9 months

ALERT: This patient has active Alerts

Patient Summary | Medications & Allergies | Clinical Documents | Patient Alerts | Laboratory & Pathology | Reports | Encounters | Immunizations | Uncategorized | Patient Demographics | SDOH | Notes

Add  
View

Note\*

12pt B I U A

0/2500 Characters

Clear Save

Users can view the relevant clinical information that other users have entered. Notes could provide crucial information about a patient that otherwise might not land in the record.





## USE CASE

Bobby Brady is a 54-year-old resident of Tompkinsville, Kentucky. His primary care provider is Monroe Family Medical Center.

Bobby is adventurous and goes hiking with friends in Carrollton, Kentucky. While hiking, Bobby falls and breaks his arm. He is taken to Carroll County Hospital. Because **Bobby has never received care from Carroll County Hospital, the hospital does not have any health information on him.** The hospital staff would benefit from knowing Bobby's medical history to ensure he receives the highest quality care.

## SOLUTION

The ePartnerViewer. The staff at Carroll County Hospital have access to the ePartnerViewer and can review Bobby Brady's medical history. **KHIE aggregates Bobby's known health history and presents it in real-time for Carroll County hospital staff to use to make informed decisions about the care they provide for him.** Because Carroll County Hospital shares data with KHIE, Bobby's hospital visit information from Carroll County Hospital will be available in KHIE for other clinicians treating him.

## IMPACT

Clinicians provide better care when they have an accurate picture of their patients' needs and past medical history. **Access to a patient's known health history enhances care quality by providing a comprehensive health history in real-time, reducing time spent requesting and waiting for medical records from other healthcare organizations.** This is especially beneficial with new patients, whether they are seen in the ED or in the office setting. Activities of care management are improved. An informed view of a patient's health history improves the speed, quality, safety, and cost of patient care.

# Patient Chart Demo



## Demo Overview

1. Search for a Patient
  - Bookmark a Patient
2. Showcase ePartnerViewer Portlets
3. Access and Review Clinical Documents
4. Create and Review Patient Notes
5. Manage User Preferences

# Ambassador Next Steps



## Ambassador's Next Steps

- Search for a patient in the ePartnerViewer and review the chart.
- Collect feedback from your colleagues regarding the Patient Chart and share during the next meeting:
  - Where does the ePartnerViewer fit in your workflow? Who in your organization would benefit the most from using the ePartnerViewer?
  - Which *Portlets* do you find most valuable?
  - What other feedback would you like to share?