

ESRD Network 14

Supporting Quality Care



KIDNEY COLLABORATIVE



What is an HIE

- HIE Type
 - National
 - State
 - Region
 - Community
- HIE Goal
 - Share health information
 - Better patient outcomes
 - Lower costs



How do HIEs support Patient Care

- Community Data Manager
- Connecting health care systems
- Comprehensive patient records
- Real-time access



How do HIEs operate in Texas?

- Greater Houston HEALTHCONNECT (GHH)
- Healthcare Access San Antonio (HASA)
- Integrated Care Collaboration (ICC)
- PHIX (formerly known as Paso del Norte HIE)
- Rio Grande Valley HIE (RGV HIE)

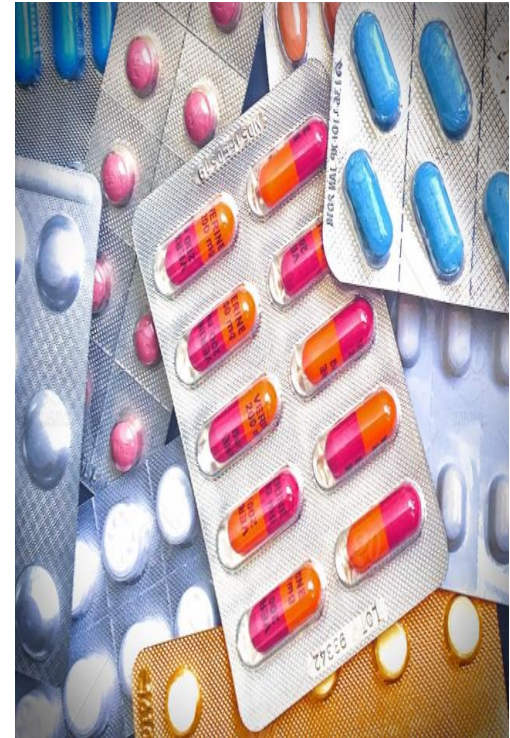


Emily Hartmann
Executive Director

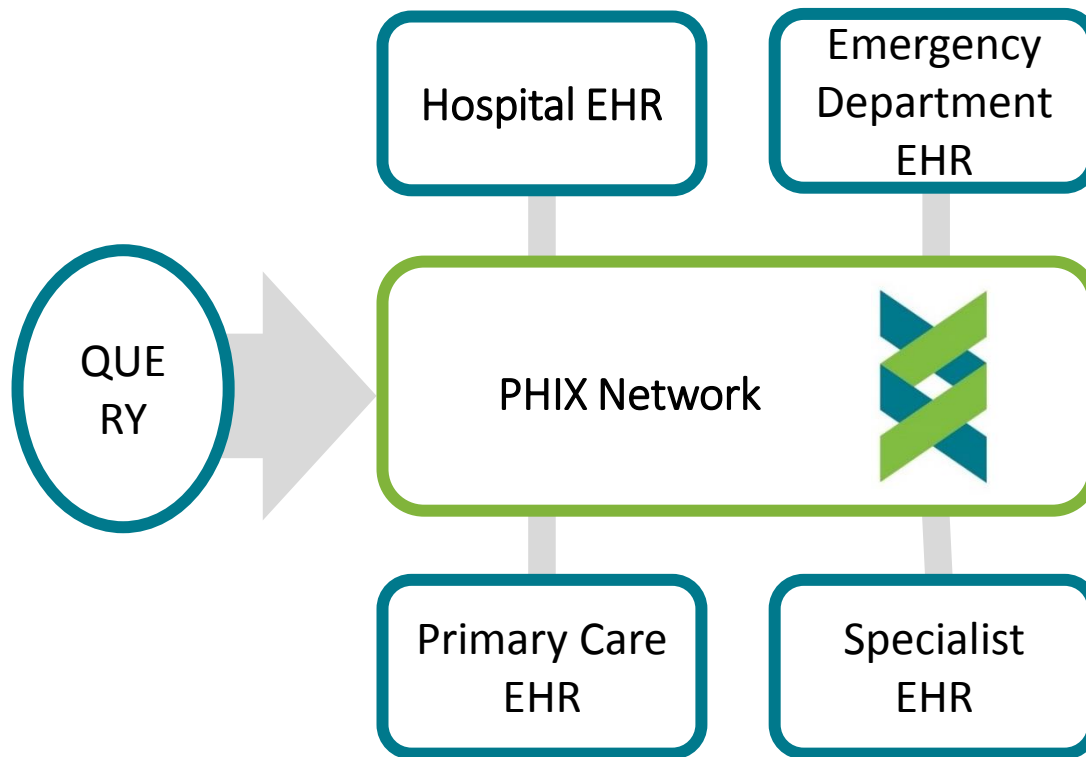


One Big Problem: Unreliable and inefficient health information sharing

- Lack of medication management
- Repeated lab and imaging studies
- Preventable medical errors
- Poor care coordination



PHIX Network centralizes patient records



EHR = electronic health record



Hospitals and providers are on track to contribute data

Organization	Status
The Hospitals of Providence	Live as of March 2016
Veteran's Administration (National connection – includes El Paso VA)	Live as of October 2017
UMC of El Paso	Live as of November 2017
El Paso Children's Hospital	Live as of November 2017
Department of Defense (National connection – includes William Beaumont)	Live as of August 2018
Emergence Health Network	Anticipate live 2018
Texas Tech Health Sciences Center Clinics	Anticipate live 2018
Project Vida	Anticipate live 2018
Centro San Vicente	Anticipate live 2018
La Fe	Anticipate live 2018
Department of Public Health	Pending EHR upgrade



View clinical record across care sites in the community

MetroSouth Medical Center Tools Help Dr. Whitman

Patient Summary Showing: All Inpatient Outpatient ER

Additional Records May Be Available + Configure Summary Information

Encounters Most Recent

Date	Description	Facility	Type
04/20/2013	Dyspnea, CHF	Metro South	Inpatient
02/04/2013	Diabetes Mellitus Type 2	City Clinic	Outpatient
02/02/2012	Hypertension	City Clinic	Outpatient

[All Encounters](#)

Medications Most Recent

Date	Description	Dose	Quantity
05/15/2013	Metformin (Glucophage)	500 mg	90
12/10/2012	Lisinopril HCTZ (Prinzide)	12.5 mg / 10 mg	30
12/10/2012	Simvastatin (Zocor)	40 mg	30

[All Medications](#)

Clinical Summaries Most Recent

Date	Description	Source
02/19/2013	System Generated Summarization of Episode	HIE
02/07/2013	Summarization of Episode	Metro South
01/28/2013	Summarization of Episode	City Clinic

[All Clinical Summaries](#)

Allergies Most Recent

Date	Description	Severity
01/31/2013	Pollen	Unknown/Not Provided
01/31/2013	Penicillin V Potassium	Severe
11/02/2012	Strawberries	Mild

[All Allergies](#)

Test Results Most Recent

Date	Description	Value	Range	Flag
02/16/2013	Glucose	117 mg/dL	65 - 105	High
02/13/2013	A1C	9.9 %	4.0 - 6.0	High
11/02/2012	Lipid Panel			

[All Test Results](#)

Immunizations Most Recent

Date	Description
01/31/2013	Pneumococcal
11/31/2012	Influenza
10/22/2011	Influenza

[All Immunizations](#)



Download or print VA or DoD care summaries

10/18/2017	Continuity of Care Document March 3, 1972 - October 18, 2017	
Department of Veterans Affairs Health Summary		
March 3, 1972 - October 18, 2017		
Created: October 18, 2017		
Patient:	CHDRZZZTEST, Unknown 660 12TH ST LA JOLLA, CA 92038 +1-666-000-0012 (HP)	Patient ID: 1034150950V573578 Support: LASTNAME ECON, FIRSTNAME ECON 1212 HOWARD STREET APT 0000 LA JOLLA, CALIFORNIA 92038 +1-188-812-3451 (HP)
Date of Birth:	March 3, 1972	LASTNAME NOK, FIRSTNAME NOK 1212 HOWARD STREET APT 0000 LAJOLLA, CALIFORNIA 92038 +1-188-812-3451 (HP)
Gender:	Female	Author: Department of Veterans Affairs
Race:		Author Organization: Department of Veterans Affairs
Ethnicity:	Unknown	Confidentiality: Normal
Religion:		
Language:	Unknown	
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The right information at the right time matters

Improved efficiency

Example: Physician queried the HIE before doing a stroke assessment for their patient. They found results from a stroke assessment performed the previous week at a hospital. As a result, the patient avoided several imaging and lab tests.

Improved quality

Example: An elderly woman arrived at an El Paso hospital in cardiac arrest who could not speak to her care history. The physician searched the HIE and found information on her cardiac conditions and medications from other health organizations. Based on this additional information, the

Improved safety

Example: Hospitalist planned to perform a cardiac catheterization for their patient. Prior to the procedure, they queried the HIE and found that a cardiac catheterization had been performed at another hospital. As a result, the patient avoided an unnecessary procedure.



Patients do not have to participate

Patients can **opt out** to prevent data from being shared.



Privacy and security are priorities

- Federal and state laws protect patient data
- HIE policies/procedures detail data protections, access, and use
- Third-party risk assessments monitor compliance



Reach out to PHIX with any questions

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