# Pennsylvania eHealth Partnership Advisory Board Meeting

August 14, 2020





## **Agenda**

- 10 a.m. Welcome and Introductions
- 10:05 Minutes of May 8, 2020 Meeting
- 10:10 Next Steps from HAP's HIE Analysis
- 10:25 PA eHealth Partnership Program Updates and SFY19-20 Accomplishments
- 10:55 COVID-19 Public Health Emergency
- 11:15 HIE Trust Community Committee Updates
- 11:30 ClinicalConnect HIE Overview
- 11:45 New Business
- 11:50 Public Comment
- 12 p.m. Adjournment

2021 Meeting Dates





## **Welcome and Introductions**

David F. Simon, JD

Consumer Representative

and

PA eHealth Advisory Board Chair



## PA eHealth Advisory Board

Mr. MARTIN CICCOCIOPPO, Director, PA eHealth Partnership Program Pennsylvania Department of Human Services (Secretary of DHS Designee)

Ms. PAMELA E. CLARKE, Senior Director, Quality, Health Promotion Council (House Appointed HIO Representative)

Mr. JOSEPH FISNE, Associate Chief Information Officer Geisinger Health System (Senate Appointed HIO Representative)

Mr. SCOTT FRANK, Chief Information Officer Capital Blue Cross (Insurer Representative)

Dr. BRIAN HANNAH, Vice President, Chief Medical Information Officer Mercy Health (Hospital Representative)

Dr. TIMOTHY HEILMANN, Chief Medical Information Officer UPMC Susquehanna (Physician or Nurse Representative)

Ms. TERI L. HENNING, Chief Executive Officer Pennsylvania Homecare Association (Home Care or Hospice Representative)



## PA eHealth Advisory Board continued

Mr. MICHAEL HUMPFREYS, Chief of Staff Pennsylvania Insurance Department (Insurance Commissioner Designee)

Ms. JULIE KORICK, Director of Finance & Business Development Pennsylvania Association of Community Health Centers (Underserved Representative)

Ms. MINTA LIVENGOOD, Vice Chair, Consumer Subcommittee of the MAAC (Consumer Representative)

Mr. PAUL MCGUIRE (Vice Chair), Chief Operating Officer, Quality Life Services (Post-Acute Care Facility Representative)

Ms. MEGHNA PATEL, Deputy Secretary for Health Innovation, PA Department of Health (Secretary of Health Designee)

Dr. MICHAEL A. SHEINBERG, Chief Medical Information Officer Penn Medicine Lancaster General Health (House Appointed HIO Representative)

Mr. DAVID F. SIMON (Chair), Chief Legal Affairs Officer Philadelphia College of Osteopathic Medicine (Consumer Representative)



## **Ex Officio Members**

Ms. PHYLLIS SZYMANSKI, Director ClinicalConnect HIE (Nominated as Senate HIO Appointee)

Mr. DON REED, Chief Operating Officer HealthShare Exchange (Nominated as House HIO Appointee)





Leading for Better Health

## **Next Steps from HAP's HIE Analysis**

Sari Siegel, PhD
Vice President, Health Care Research
The Hospital and Healthsystem Association of Pennsylvania

► HAP hired IMPAQ, a DC-based research consulting firm, to recommend strategies for how HAP can support member hospitals that participate in P3N

- ► Approach: IMPAQ conducted
  - ► Interviews with member hospitals to understand factors driving their decision to participate in the P3N
  - ► Interviews with 5 other state hospital associations to assess their strategies to support members
  - ► Interviews with all 5 Pennsylvania HIOs
  - ► Survey of HAP members assessing their experience



- ▶ 43% of PA hospitals do not participate in P3N
- Non-participating hospitals statistically are more likely to be
  - ▶ Psych, LTAC, and rehabilitation hospitals
  - ► Small (fewer than 100 beds)
  - ► Non-teaching
  - ► Case mix: disproportionate Medicare (lower commercial reimbursement)



➤ Top reason for participation: Clinical decision making (followed by care coordination, public reporting, and population health surveillance)

#### Top reasons for not participating

- ► EHRs meet data exchange needs
- ► Most of their patients seek all care within the system, reducing need to exchange info outside of system
- ➤ Concern over incompatible IT infrastructure and related costs
- ► Perception that data availability through P3N is limited



#### ► HIO and P3N Satisfaction Rates:

- ▶ 77% of participating respondents rated their experience with their HIO positively
- ► 53% of participating respondents rated their experience with P3N positively

Note: Most survey respondents have been participating in P3N for 3+ years



- ➤ Some HIOs offer only CCD and ADT alerts for ED admissions, while others offer:
  - ► ADT alerts for inpatient admission and discharge
  - ► Encounter summaries
  - ▶ Direct secure messaging
- Structure of data sharing varies
  - ➤ Some HIOs provide discrete fields that push to hospital EHRs; other HIOs require a separate portal to exchange data
- Many participating providers fail to contribute all requested data



- ▶ Onboarding grants through ARRA, HITECH have been extremely helpful in PA and other states
- ► Found association between participation in P3N and Medicare VBP model; interviewees widely noted that the connection between quality and financial performance drives HIE participation
- ► Some states mandate HIE participation



- ► HAP is adopting IMPAQ's recommendation that we develop a CIO/CMIO Council with a working group comprised of IT executives at member hospitals
- ▶ Will begin recruitment to Council this month; first session of working group slated for October
- ▶ Working group agenda to include strategies to better partner with P3N, HIOs, and EHR vendors to meet needs of Pennsylvania hospitals and health systems



## Pennsylvania eHealth Program Updates

## Martin Ciccocioppo, MBA MHA Director

Pennsylvania eHealth Partnership Program
Office of Medical Assistance Programs
Pennsylvania Department of Human Services



## PA eHealth Staff Changes

- Megan Ebert, PA eHealth Human Services Program Specialist, moved DOH Women Infant and Children Program on June 1, 2020
- Stephanie Billman, PA eHealth Promoting Interoperability (PI) Program
  Auditor, moved to Bureau of Data and Claims Management (BDCM) on
  July 27, 2020
- Amanda McKenna, PA eHealth PI Program Communications Specialist, moved to BDCM on July 27, 2020
- Debra Kochel, DOH Public Health Program Assistant Administrator, will become PA eHealth Human Services Program Specialist on September 14, 2020



## Recent PA eHealth Accomplishments

- SFY18-19 PA eHealth Annual Report released to General Assembly.
- Awarded \$4.45 million in HIE Onboarding Grants.
- FFY2021 HIT IAPD submitted to CMS for review/approval.
- Establishing additional PHG connections to RxCheck PDMP gateway.
- Expanded P3N ADT Statewide Notification Service to include 107 emergency departments in production and 30 inpatient ADT feeds in production; anticipate more than 100 IP ADT feeds by December 2020.
- Providing PA DOH with daily COVID-19 reports based on surveillance of ADTs reported to P3N ADT Service, including race and ethnicity data.
- MA FFS Case Managers actively using P3N Portal; DOH WIC Program and Dept. of Labor & Industry interested in using P3N Portal.
- Draft P3N RFP in internal review; seeking CMS approval to integrate the new P3N into MMIS2020.
- Exceeded 500,000 documents retrieved across P3N in June 2020.



## FFY 2020 HIT IAPD Projects

HIE Onboarding Grants
Health Plan Onboarding Grants
PHG Onboarding Grants
Radiology Image Sharing
Care Plan Document Registry
PHG Utilization
Case Reporting
Immunization Registry Interoperability
Education and Outreach
Allegheny County Population Health

**Total Approved FFY 2020 IAPD Funding = \$11.7 million** (DHS provides the 10% state matching funds.)



## FFY 2021 HIT IAPD Projects

**HIE Onboarding Grants** 

**Health Plan Onboarding Grants** 

**PHG Onboarding Grants** 

**PHG Utilization** 

**Case Reporting** 

Immunization Registry Interoperability

**Education and Outreach** 

**Patient Matching Improvement Grants** 

Total Requested FFY 2021 IAPD Funding = \$11.2 million

(DHS provides the 10% state matching funds.)

Note: FFY 2021 HIT IAPD submitted to CMS for review/approval on August 10, 2020; this is the last year for HITECH project funding.



## **Public Health Gateway Activity**



Message Counts By HIO Weekly from 08/03/2020 to 08/09/2020

НІО	ELR Messages	ELR Errors	PDMP Messages	PDMP Errors	SIIS Messages	SIIS Errors	PCR Messages	PCR Errors	Total Messages
CCHIE	704	0	0	0	0	0	0	0	704
СРСНІЕ	3207	0	69626	2	16429	1	0	0	89265
HSX	9947	8	0	0	0	0	0	0	9955
KeyHIE	8424	33	0	0	44054	10	27	0	52548
MNX	100	4	0	0	0	0	0	0	104
Total Messages	22382	45	69626	2	60483	11	27	0	152576

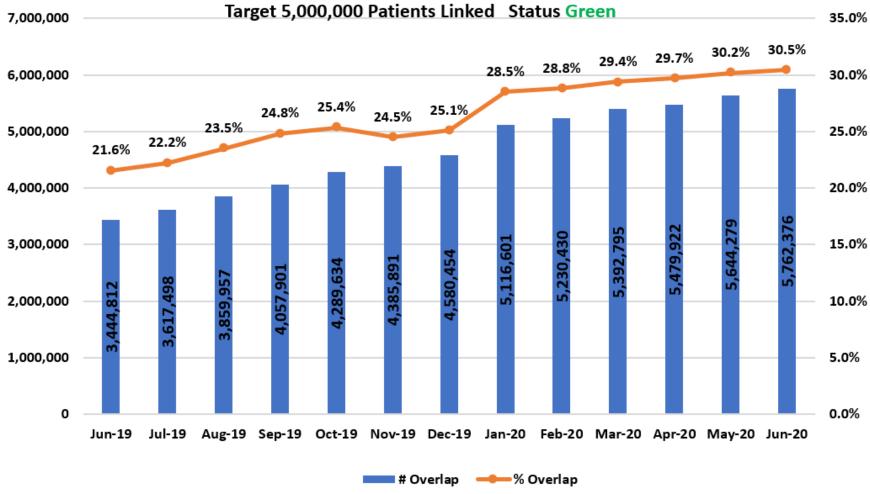
8/10/2020 2:00:12 AM



## **P3N Linking Rate**

Linking Rate (Patients Linked to More Than One Data Source [HIO])

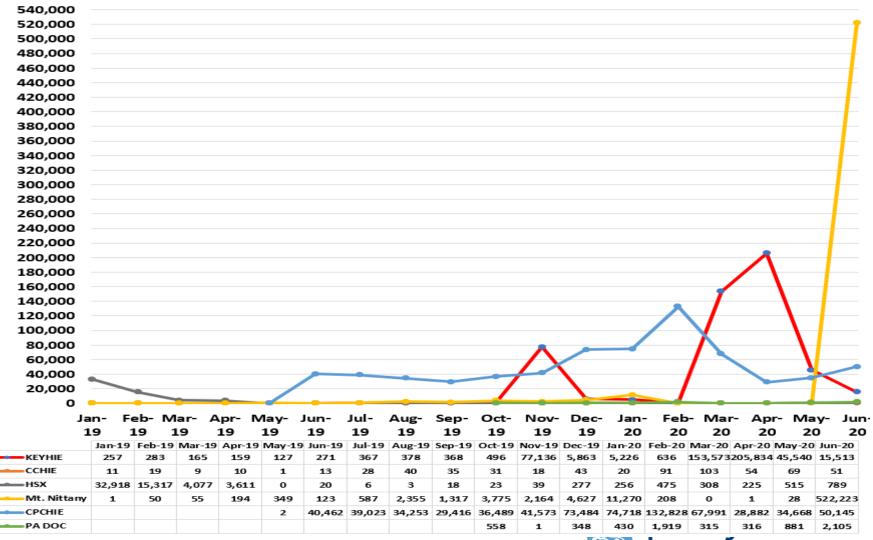
Target 30.0% Linked Status Green





#### **P3N Document Retrieves**

Total # of successful inbound Participant document retrieves P3N processed Target: 100,000/month - Green (235,312 in April 2020)



## PA eHealth Vision and Mission

#### **VISION**

Electronic health information exchange (eHIE) enables initiatives striving to improve patient experience, population health and healthcare cost.

#### **MISSION**

To establish a statewide interoperable system for participating organizations to electronically move health information in a manner that ensures the secure and authorized exchange of health information to provide and improve care to patients.



## PA eHealth Objectives

- Engage all providers in robust health information exchange.
- Increase the speed and accuracy of diagnosis for individuals and populations.
- Alert providers/care teams to an admission of patient.
- Reduce readmissions and redundant tests by sharing patient information and care plans with other providers and payers who care for the same patients.
- Increase patient satisfaction by reducing their time spent in the healthcare system and eliminating frustrating duplication.



## PA eHealth Strategic Plan (1/2018 - 6/2021)

- 1. Improve upon our existing services by leveraging other state services and resources
- 2. Expand the coverage area of providers exchanging data
- 3. Increase bi-directional access to public health reporting registries
- 4. Provide improved analytics to better support performance measurement and quality reporting
- 5. Enhance the types of patient data exchanged
- 6. Update the certification program to better serve all current and new participants
- 7. Offer expanded system access to patients and providers
- 8. Expand exchange capabilities to include external state and federal partners



## 1. Leverage state services and resources

#### Fiscal Year 2019-2020 Accomplishments:

- PA eHealth supported production connections to four Department of Health public health registries and one Department of Human Services (DHS) registry.
- PA eHealth onboarded 3 HIOs to the Prescription Drug Monitoring Program (PDMP) through the Public Health Gateway (PHG) and Lancaster General Health began using RxCheck PDMP gateway.
- PA eHealth continued work with IBM in developing a robust provider directory leveraging data from DHS, Department of Health (DOH), Department of Aging (PDA), Department of Drug and Alcohol Programs (DDAP), Department of State (DOS) and the Centers for Medicare and Medicaid Services (CMS).

#### **Current Activity:**

- Working to provide Medicaid claims data to HIOs.
- Onboarding additional member organizations to PDMP through PHG.
- The new Pennsylvania Patient and Provider Network (P3N) system will integrate into the Medicaid Management Information System (MMIS).

pennsvlvania

## 2. Expand coverage area of exchange

#### Fiscal Year 2019-2020 Accomplishments:

- In September 2019, PA eHealth completed onboarding the Pennsylvania Department of Corrections' (DOC) electronic health record (EHR) system, which covers all 25 state correctional institutions, to the P3N.
- DHS awarded \$4.45 million in HIE Onboarding Grants to connect 62 inpatient (including 52 nursing homes) and 53 ambulatory providers to P3N Certified HIOs.

- Working with DOC to provide clinical information to the P3N when inmates are receiving medical services in the community.
- Internal Advance Planning Document (IAPD) for FFY 2021 includes up to \$7.75 million in HIE Onboarding Grants.
- The FFY 2021 HIT IAPD also includes up to \$500,000 in MA Health Plan Onboarding/Interoperability Grants.



#### 3. Increase bi-directional access to PHG

#### Fiscal Year 2019-2020 Accomplishments:

- DHS awarded \$65,000 to HIOs to support their efforts to connect their member organizations (MOs) to public health registries through PHG.
- In the last week of June 2020, DOH processed more than 50,000 PA-SIIS messages through the PHG and more than 140,000 total DOH PHG messages were processed that week.
- All five P3N Certified HIOs achieved production status with one or more PHG registries and all five have production connections to the Electronic Lab Registry (eLR).
- Thirty HIO MOs are reporting the results of COVID-19 tests to eLR through the PHG.
- PA eHealth also provided funding to DOH to support ongoing development of the PHG and registries, including Electronic Case Reporting (eCR).

#### **Current Activity:**

Will offer eCR onboarding grants in FFY 2021.



## 4. Improve data quality through analytics

#### Fiscal Year 2019-2020 Accomplishments:

- Worked with the National Center for Quality Assurance and P3N HIOs to explore certification strategies to leverage their clinical data repositories for payer members' clinical quality measure analytics to replace or supplement paper chart reviews.
- Provided all HIO demographic data fill-rate reports to HIOs on a monthly basis and provided a weekly report to each HIO that identifies individual patient registrations with missing demographic information.
- Patient matching or linking has steadily increased from 21.6% in June 2019 to 30.5% in June 2020.

- Plan to offer Patient Matching Improvement Grants to HIOs in FFY 2021 to improve patient matching within HIOs and across the P3N.
- Working with IBM to include patient Medicaid ID within patient demographics to improve matching.



## 5. Enhance the types of data exchanged

#### Fiscal Year 2019-2020 Accomplishments:

- Three of the P3N Certified HIOs began sharing real-time inpatient (IP)
   ADT information with the P3N in addition to emergency department
   (ED) ADTs so that a patient's care team can be alerted to the patient's
   ED and IP encounter even if the patient is in a different HIO.
- Began collecting opioid use disorder (OUD) Continuity of Care Documents (CCD) in the DHS electronic clinical quality measure (eCQM) registry for select Medicaid OUD ED encounters.
- Three P3N HIOs began sharing discrete clinical documents in response to P3N queries.
- The new P3N Advance Directive Registry went into production in June 2020 to provide a statewide centralized registry available to healthcare providers in Pennsylvania.

- Providing funding to support MA mammography image sharing project in one P3N HIO.
- Increasing IP ADT feeds and adding ambulatory ADTs in CY 2021.

## 6. Update the certification program

#### Fiscal Year 2019-2020 Accomplishments:

- The P3N HIE Trust Community Committee reviewed the P3N HIO Certification Package and added a new Downtime Notification Policy effective January 1, 2020.
- HIETCC also adjusted HIO insurance requirements to align with current insurance industry practices and added new P3N services.

- In August 2020, the P3N HIE Trust Community Committee completed its annual review of the P3N HIO Certification Package and determined that no changes are required.
- Monitoring downtime notification policy compliance.



## 7. Offer expanded system access

#### Fiscal Year 2019-2020 Accomplishments:

- Medicaid FFS Case Managers began using the P3N Portal to improve the timeliness and completeness of their care plans for new and vulnerable enrollees.
- PA eHealth has been in discussions with the DOH Women Infant and Children (WIC) Program to provide their pediatric nutritionists with access to the P3N Portal to support a new telehealth model.
- PA eHealth awarded onboarding grant funding for the Department of Aging's PACE Program to connect to a P3N Certified HIO.

- The new P3N system will be integrated into the new MMIS, giving improved clinical and claims data access to DHS and the P3N participants.
- Providing patient access to their data through the P3N is anticipated in the new P3N system.
- Continuing discussions with DOH and Labor & Industry on providing program access to the P3N Portal.

## 8. Facilitate inter-state and federal exchange

#### Fiscal Year 2019-2020 Accomplishments:

- PA eHealth engaged in discussions with Maryland, West Virginia, and Delaware on options for alerting a patient's home care team when the patient crosses state boundaries for health care services.
- Secured a no-cost contract change request with IBM to onboard the Chesapeake Regional Information System for our Patients (CRISP) to the P3N ADT Service.

- Working with DHS, HIETCC, and CRISP on an ADT Service connection agreement with CRISP.
- Participating in meetings with the Sequoia Project, ONC's Recognized Coordinating Entity for implementing the Trusted Exchange Framework and Common Agreement, to support health information exchange with a Qualified Health Information Network (QHIN) in the future.



## **COVID-19 and HIE**

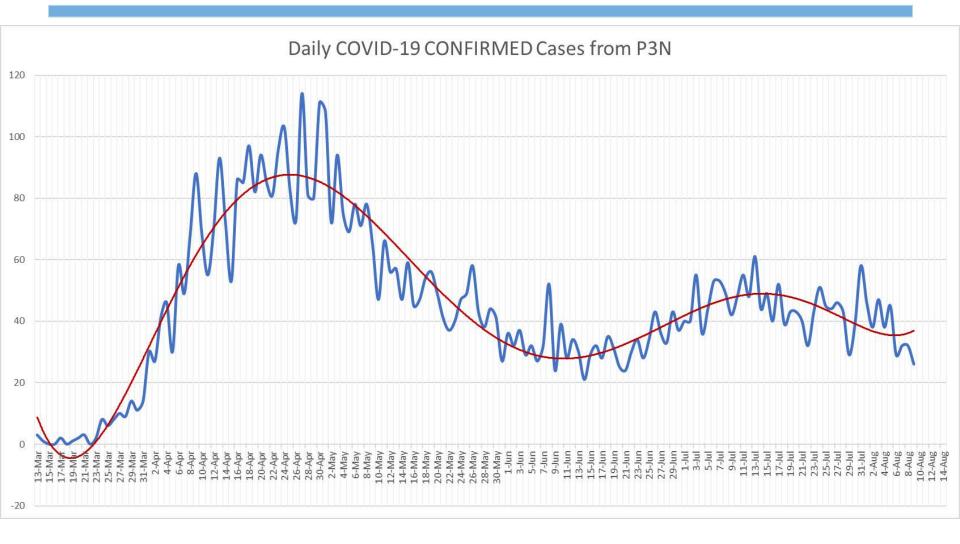
## **Meghna Patel**

## Deputy Secretary for Health Innovation

Pennsylvania Department of Health



## P3N ADT COVID-19 Surveillance

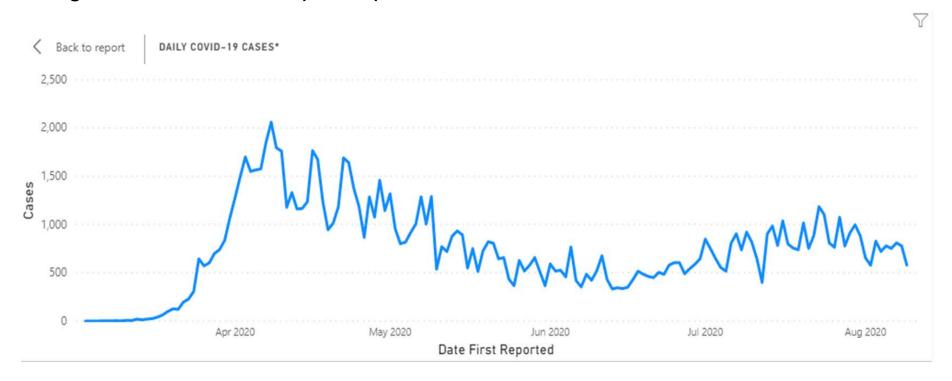




## **DOH COVID-19 Cases**

FOR COMPARISIN WITH DEPT. OF HEALTH CORONAVIRUS (COVID-19) WEBSITE

https://www.health.pa.gov/topics/disease/coronavirus/Pages/Coronavirus.aspx August 10, 2020 - 12:00 p.m. Update





# **HIE Trust Community Committee**

# **Doug Carroll**

### Director of Information Services

Mount Nittany Health



# **HIE Trust Community Committee**

### **Chairperson:**

Kimberly A. Chaundy, Sr. Director HIE & Interoperability, KeyHIE

### **HIE Trust Community Committee Meeting Summaries:**

- HIETCC Meeting Agenda, August 5, 2020
- HIETCC Meeting Minutes, July 8, 2020
- HIETCC Meeting Minutes, June 10, 2020
- HIETCC Meeting Minutes, May 13, 2020
- HIETCC Meeting Minutes, April 8, 2020



# **HIE Trust Community Committee**

### Topics covered/discussions w/continued focus on:

- COVID-19 Coronavirus Related Activity
- Interstate Data Sharing CRISP connectivity
- PDMP Onboarding to RxCheck PDMP through Public Health Gateway
- HITECH FFY 2020 and 2021 Projects
- Encounter Notification P3N ADT Service inpatient expansion
- Super Protected Data Filtering and Code Set Workgroup established
- Discrete Documents Normalization of document naming conventions
- P3N Portal MA FFS Care Managers' access to the P3N
- Timeouts Variability across P3N and HIOs is okay
- Downtime Monitoring compliance with new notification policy
- P3N Certification Package Annual review







# Phyllis Szymanski, Director ClinicalConnect HIE Overview and Services

For further information:

www.clinicalconnecthie.com

### **About ClinicalConnect HIE**

Western PA
Health
Information
Exchange

 Non-profit company, founded in 2011 by 9 area hospitals; located in PGH, PA Securely aggregates and exchange data across members & trusted partners for better quality care, monitoring & reporting

Comprised of >47
hospitals, plus
physician practices,
FQHCs,
rehabilitation and
post-acute care
facilities

Connected regionally, state-wide, and nationally

• Proud members of the P3N & eHealth Exchange



- >4.2 M patients enrolled
- Follows Opt-Out Patient Consent Model

### Hospitals, Healthcare Systems and their Owned Physician Practices

- **ACMH Hospital\***
- **Butler Health System\***

\* = Founding Members

- Excela Health\*
- Heritage Valley Health System\*
- St. Clair Hospital\*
- The Children's Home: Pediatric Specialty Hospital & Child's Way
- **Uniontown Hospital**
- **UPMC\***
- Washington Health System\*



**Payors** 

**UPMC Health Plan** 



### Federally Qualified Health Centers

Community Health Clinic, Inc.



### Independent Physician Practices

- Pediatric Alliance, PC
- **South Hills Family Medicine**



Post Acute Care

**Presbyterian Senior Care** Network



Rehabilitation

The Children's Institute of Pittsburgh



Accountable Care Organizations

**Bridges Health Partners** 



### ClinicalConnect HIE Products & Services

- Patient Event Alerts
- Longitudinal Patient Record for Providers
- External Data Exchange
- Secure Email Services
- Trusted Reporting Source for Health Plans & Providers





# Clinical Data Repository provides the Patient Longitudinal Patient Record at the Point of Care

ClinicalConnect HIE provides the following clinical data:

- Allergies
- Clinical Documents
  - Diagnosis
  - Encounters
  - Immunizations
    - Labs
    - Medications
      - Problems
      - Procedures
      - Vital Signs

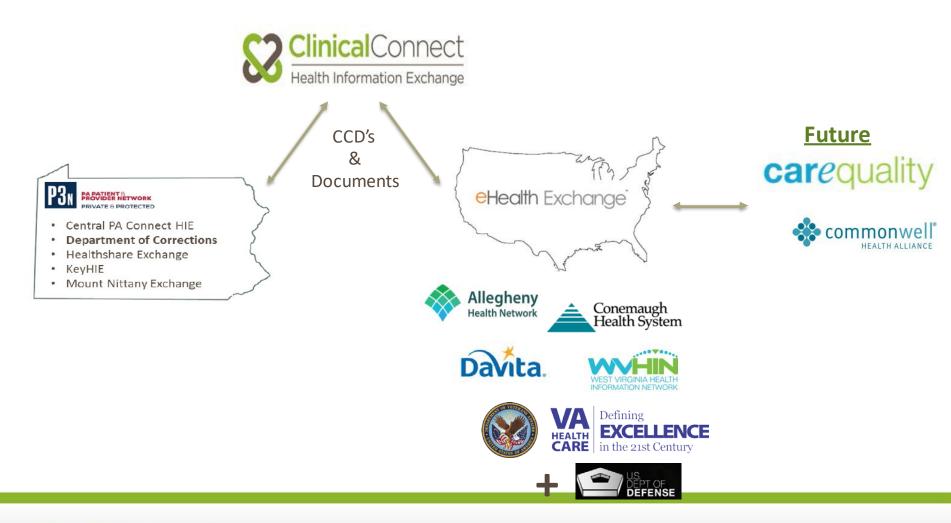
- Patient Relationship must exist
- Vendor Neutral Interoperability
  - Connected to 13 different EHR systems today and counting
- Improved Care & Treatment

<u>EXCLUSIONS:</u> Member Super Protected Data (Drug/Alcohol, HIV/AIDS, ARRA & Mental Health data from licensed facilities)

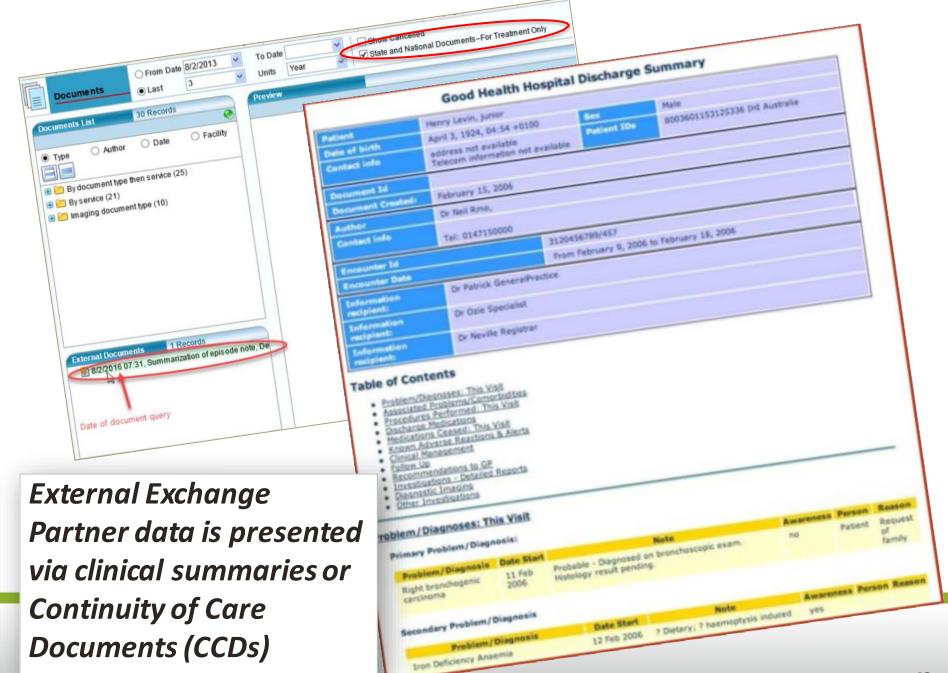


## **External Exchange (State & National)**

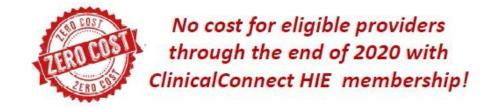
### via Clinical Data Repository



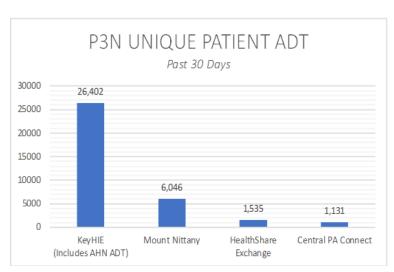








- Real Time event notification via email (PDF or CCD)
- Use Cases to support Transitions of Care
  - COVID-19 Patient Monitoring
  - Improve Patient Outcomes and Lower Costs
  - Needed for Hospitals to meet
     Conditions of Participation (CoPs) CMS
     Interoperability and Patient Access rule
    - send electronic patient event notifications to another healthcare facility or provider by May 1, 2021





# **Trusted Reporting Source for Quality Measures**

- Provides certified formats of supplemental data
- Reduce chart chases and multiple interface builds
- Increase quality reporting metrics such as NCQA (HEDIS) & CMS STAR Ratings
- Meet health plan reporting requirements for Shared Savings & Risk Adjustment Programs

Relevant data for better quality reporting, better quality scores & better-quality care







Secure email exchange of protected health information (PHI) between community providers, specialists, care managers, hospital providers and payors in a HIPAA compliant manner.

- Replaces slow, inconvenient, & expensive methods of exchange such as mail, fax, or courier exchange
- Easily accessed from the ClinicalConnect HIE website or a web browser



# **Advisory Board Vice Chair Nominations**

### Pennsylvania eHealth Partnership Advisory Board Bylaws

### Section 4. Vice Chairperson.

The Advisory Board members shall annually elect, by a majority vote of the members, a vice chairperson from among the appointed members of the Advisory Board, who shall serve as acting Chairperson in the absence of the Chairperson or if there is a vacancy in said Chairpersonship.

Nominations for Vice Chairperson are open.

Vice Chairperson election to be held during the November 13, 2020 Advisory Board for Calendar Year 2021.



# **Advisory Board Meeting Dates**

Friday, November 13, 2020 – Skype Meeting from 10 a.m. - 12 noon

Friday, February 12, 2021 – H&W Building, Room 327 from 10 a.m. - 2 p.m.

Friday, May 7, 2021 – H&W Building, Room 327 from 10 a.m. - 2 p.m.

Friday, August 6, 2021 – H&W Building, Room 327 from 10 a.m. - 2 p.m.

Friday, November 5, 2021 – H&W Building, Room 327 from 10 a.m. - 2 p.m.



### **Public Comment**

- Name of submitter for written comment submission acknowledged by chair
- Verbal comment (3 minutes per commenter)

#### For further information:

http://dhs.pa.gov/ehealth

### PA eHealth Partnership Advisory Board:

https://www.dhs.pa.gov/providers/Providers/Pages/Health%20Information%20Technology/eHealth-Advisory-Board.aspx

### **P3N HIO Certification Package:**

https://www.dhs.pa.gov/providers/Providers/Pages/Health%20Information%20Technology/HIO-Connection.aspx

### P3N Certified Health Information Organizations (HIO) Information:

https://www.dhs.pa.gov/providers/Providers/Documents/Choose%20your%20HIO.pdf

