Health Information Exchange

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UTHSCSA

- UT Medicine – Faculty Group Practice
- Partnership with University Hospital System
Vision: Provider/Department Dashboard

- “Home Screen” in the EHR
  - Providers
  - Care Managers

- Components
  - Schedule
  - In Basket
  - Clinical Quality Metrics
  - Links to Actionable Reports
Vision: On Demand Population Management Reports

- List of patients
  - Specific Care Gaps, or
  - Patients in a Registry (wellness or chronic disease)
- Metrics and other attributes of the patients
  - Demographics
  - Outreach history
  - Quality metrics
Vision: Actionable Reports

- Filter/sort
  - PCP
  - Metrics
- Bulk Messaging Options (+/−Questionnaires)
  - Historical Immunizations
- Bulk Orders
- Outreach Tracking
Barrier: Fragmented Patient Record

UT Medicine Clinics

University Hospital

UHS Clinics
Overview

- **Goal – Comprehensive Data**
  - Point of Care Support
  - Population Management Support

- **Strategy – Health Information Exchange (HIE)**
  - HIE available via either EHR
  - HIE to populate a Data Warehouse
EHR/HIE Relationship

Point of Care Functionality
- HIE aggregates information from both EHRs
- HIE is accessible from either EHR
- Allows EpicCare user to easily access patient data which originated in Sunrise and vice versa
HIE/Data Warehouse Relationship

Data Warehouse

- Staging Area for HIE Data
- Registry Data
  - Wellness Registry
  - Diabetes Registry
  - Other Registry
Challenges

- HIPAA
- Data Mapping
- Historical Data
- Data Lag Time
- Building and Maintaining Registries
- Operationalizing Population Management Functions
HIE Experience

- Fully operational on March 30, 2014
- 2,000 distinct users per month
- 10,000 patient records viewed per month
- 18,000 registry patients
Current State: Population Management

- High Priority Clinical Quality Measures
  - CRC Screening
  - Pneumococcal Vaccine
  - Mammography

- Dashboards/Actionable Registry Reports

- Registry Report Activities
  - Bulk Messaging Options (+/−Questionnaires)
  - Bulk Orders
  - Outreach Tracking
Questions/Discussion