

Regional Health Information Organization

MedInf405 – Sec52

HIT Intergration, Interoperability, & Standards

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Definition

- Regional Health Information Organization (RHIO)
 - A health information organization that brings together health care stakeholders within a defined geographic area and governs health information exchange among them for the purpose of improving health and care in that community.



Stakeholders

Our RHIO Community

- Rural Community
 - 5 Hospitals
 - Spread throughout region
 - Diagnostic & Testing Centers
 - 2 Laboratories
 - 2 Radiology Centers
 - 1 Surgery Center
 - Physician offices
 - Associated with 5 rural hospitals
 - 100+ offices



RHIO Stakeholders

Current Stakeholders

- Hospitals
- Laboratories
- Radiology Centers
- Physician Offices
- Patients
- Community
- Payers
- Vendors
- Public Health Agencies
 - City
 - County

Future Stakeholders

- Employers
- Pharmacies
- Long Term Health Facilities
- Public Health Agencies
 - State
 - National
- First Responders
 - Fire
 - Police
 - EMS
 - Military
- Additional Payers
 - Medicare
 - Medicaid



Business Need

Business Need

- The RHIO can help our participants improve their care delivery systems by:
 - Improving efficiency
 - Improving effectiveness
 - Medical record availability
 - Eliminating redundancies
 - Improving the flow of information
 - Increasing safety
 - Increasing patient satisfaction

Business Need - Savings

Time

- Complete medical records are more readily available due to the RHIO
- Eligibility is more easily determined



Cost

- Repeat lab and x-ray studies can be reduced/eliminated
- Decrease repeat patient visits due to lack of information or test results



Business Need - Improved efficiency

- Information available from multiple providers
- Fewer personnel required to “get” medical records
- Better reimbursement due to more complex visit with complete medical record being available
- Accurate billing of services
- Better use of physician time
- Legible documentation is available to RHIO members
- Admission information rapidly available and status of hospitals if need for transfer with bed availability data

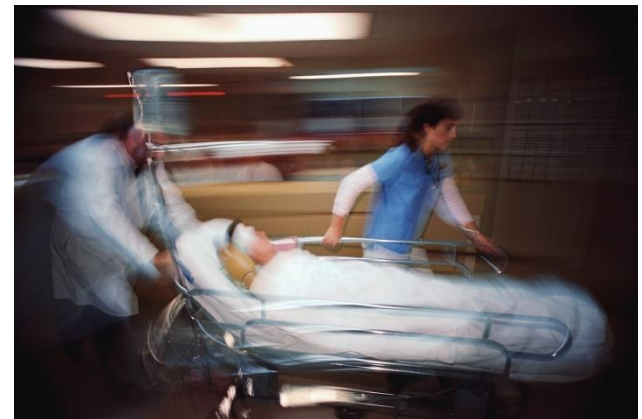
Business Need - Availability

- Medical records available at time of care
 - Available to all members of the RHIO
 - 24/7/365 availability (with technical support if needed)
 - Rapid access and identification is available to all who opt in



Business Need - Improved Effectiveness

- More effective care through
 - Availability of data to support clinical decision support and augment guideline based care
 - Public health data readily available
 - Complete patient history data available
 - Crucial in emergency situations



Business Need - Increased Safety

Accuracy

- Medication lists
- Allergies
- Adverse Reactions
- Diagnostic Tests and Results
- Problem Lists
- Patient Medical History
- Orders and prescriptions due to increased legibility

Awareness

- Physicians are aware of other physicians/providers caring for this patient
- Public Health surveillance is more timely and accurate



Business Need - Improved Patient Satisfaction

- Referrals more quickly and easily arranged with complete data available
- Improved physician visits
 - Entire health history present, only needs to be confirmed
 - Visit is focused on listening and diagnosing, not re-gathering data
- Admission Discharge Transfer (ADT) information available and confirmable
- Patient controls access to record through Opt Out clause



Questions

RHIO