

Wyoming Frontier Information (WYFI)

Enhancing Telehealth Through Health Information Exchange

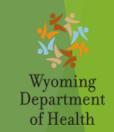
June 27, 2018

Agenda

- Overview of Wyoming Frontier Information (WYFI)
- WYFI Services
- Data Exchange (Clinical Data Available in WYFI)
- Telehealth Use Cases
- WYFI Demonstration
- Q&A



Welcome to WYFI "Creating a community of health, improving provider workflows and enhancing patient care"



History

- WYFI was founded in 2016
- Created using federal funding to form a statewide health information exchange (HIE) for the state of Wyoming
- Funding for WYFI is being provided at 90% to design, develop and implement the technical infrastructure for three years, 2018 to 2021
- Wyoming Department of Health, selected Medicity, a leading expert in clinical data aggregation and interoperability solutions as its technology partner.
- WYFI steering committee and subcommittees were created in November of 2016



WYFI Leadership Team

- Dr. James Bush, Medical Director
- Ruth Jo Friess, HIT Manager
- Andrea Bailey, HIT Provider Outreach Coordinator
- Tim Caswell, HMUM Data Analyst

WYFI Solutions and Services



What We Do and How It Helps

The Wyoming Frontier Health Information Exchange (WYFI) is a secure, electronic health information exchange (HIE) serving authorized medical providers across the State of Wyoming.

This new service allows a medical care team to share clinical information across institutions and practices, making patient information available wherever and whenever needed to provide the highest quality care.

- Community Health Record
- Referrals Management
- Clinical Event Notifications
- Electronic Results
 Distribution
- Direct Secure Messaging
- Analytics/Population Health Reporting

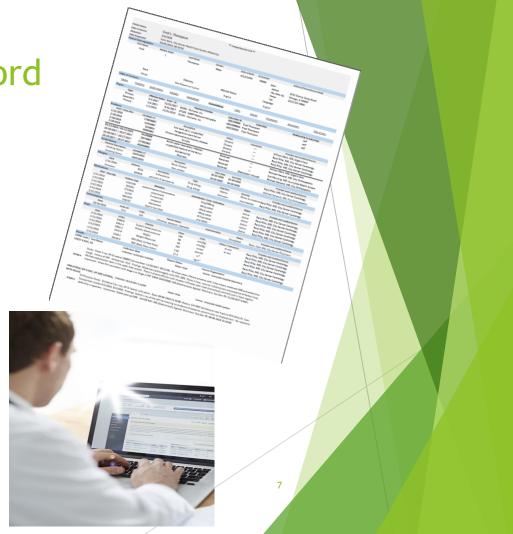
Community Health Record

Provides access to a patient's clinical records from all WYFI data sources:

- laboratory results
- radiology reports
- transcribed reports
- Medications
- clinical care summaries

Benefits for healthcare providers:

- Streamlined access to the patient's clinical information
- Allows care teams treating a patient access to clinical information that may not be readily available
- Reduces the need to call providers to search for clinical information and is available at any time day or night.



Referrals Management

Allows providers to send, receive, and track patient referrals and patient documentation across different health care settings.

Benefits for healthcare providers:

- Allows providers to easily track and monitor patient referrals from beginning to end
- Eliminates the need to chase down information via phone calls or fax



Clinical Event Notifications

Creates alerts for patients who have been admitted, discharged or transferred from community healthcare facilities.

Benefits for healthcare providers:

 Providers can be made aware of a patient admission/discharge/transfer events to coordinate transitions of care from hospital to primary care setting



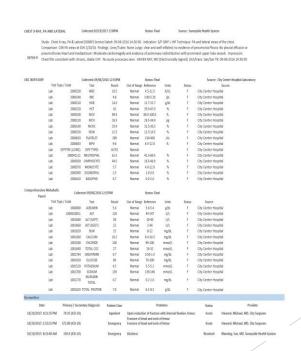
Electronic Results Distribution

Results from WYFI data sources including laboratory results and radiology reports can be routed directly into the provider of record certified EHR.

Provides a local platform that enables sending and viewing of clinical results data for providers who do not have a certified EHR.

Benefits for healthcare providers:

 Eliminates the need for faxes, manual scanning, and attaching clinical records to the patient's electronic medical record



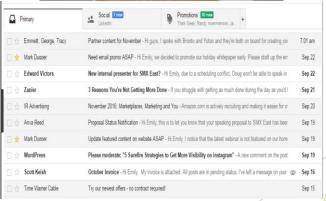
Direct Secure Messaging

Allows providers to electronically send and receive clinical information quickly and securely from one healthcare provider to another.

Benefits for healthcare providers:

 Eliminates the need to request, fax, and scan patient clinical information

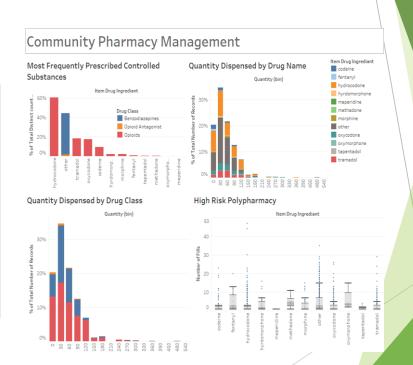




Analytics/Population Health Reporting

Benefits for healthcare providers:

- Aggregates and normalizes patient data for Population Health Management and surveillance
- Supports data extracts to provide information to healthcare providers who lack their own data analytics tool



Telehealth Use Cases

Telehealth Use Case: Reducing barriers to Electronic Health Information



Telehealth services depend, in part, on the ability of physicians to access the electronic health records of their patients and share these records with other health care providers

Timely access to clinical data from community providers can be a challenge because of the different systems used across organizations. HIE enables the sharing, normalization and de-duplication of clinical information from various different EMR data sources.

Details

- On-demand access to clinical data from multiples data sources
- Provides access to clinical data to support patient intake and assessments
- Improves communication with community providers
- Provides access to clinical data for poor historians, patients with language barriers and patients unable to provide an accurate medical history

Impact

- Enhance telehealth workflows and clinical work-ups
- Through HIE telehealth providers can obtain information such as height, weight, blood pressure, heart rate, encounters, medical problems, allergies, lab and radiology results
- Allows telehealth providers to communicate and share clinical information for patients securely
- Reduces medical errors due to incomplete or inaccurate information

Telehealth Use Case: Supports follow-up care via telemedicine



Sometimes patients end up back in the hospital because they didn't have access to appropriate follow-up care. Telemedicine can bridge this gap and reduce unnecessary readmissions.

Support virtual follow-up appointments with patients simply to monitor their progress, note any reported symptoms, talk through medications, review lab results, and generally check-in

Details

- On-demand access through HIE to encounter histories and results from inpatient and emergency department encounters
- Provide access to clinical data for poor historians and patients unable to provide an accurate medical history
- Improves communication with community providers for patients requiring face to face visits
- Better care coordination and improve overall patient outcomes
- Reduce avoidable readmissions

Impact

- Enhanced telehealth workflows and clinical work-ups
- Through HIE telehealth providers and can view encounter information and discharge summaries from acute care admissions
- Reduce medical errors, medication misadventures due to incomplete or inaccurate information
- Allows telehealth providers to communicate and share clinical information for patients with community providers, specialist and referral agencies securely

WYFI Demo



Ready to Connect?

Step 1: WYFI Business Agreements

https://health.wyo.gov/healthcarefin/wyoming_frontier_information_wyfi/

Step 2: End-User Onboarding and Training

Thank you!