Sharing data, embracing opportunity

HEALTH INFORMATION EXCHANGE IN KANSAS

Kansas Health Information Network (KHIN)
Founding members

A UNIQUE, STATEWIDE COLLABORATIVE
Kansas Health Information Network (KHIN)

Mission:

To improve health care quality, coordination and efficiency through the exchange of health information at the point of care utilizing a secure electronic network provided by a collaboration of health care organizations.

Operating philosophy

- Ensure long-term sustainability of health information exchange. Kansas non-profit organization—ensure high quality at lowest cost to providers

- Remove barriers to ensure that community exchanges can focus upon care coordination and local innovative strategies that improve patient outcomes.

- Develop trusting relationships
KHIN Community Toolkit
Now available on our Website

KHIN Community Toolkit

1. Set Up Structure
   - 1. Identify Participants
   - 2. Generate meeting form
   - 3. Use HS-Connects
   - 4. Share HS-Connects
   - 5. Share HS-Connects
   - 6. Share HS-Connects
   - 7. Share HS-Connects
   - 8. Share HS-Connects
   - 9. Share HS-Connects
   - 10. Share HS-Connects
   - 11. Share HS-Connects
   - 12. Share HS-Connects
   - 13. Share HS-Connects
   - 14. Share HS-Connects

Set Up Structure

Set up the decision-making organization or structure. This can be through a community council, a planning committee, or a steering committee. Key team members can be selected to lead the process and plan meetings. Identify a designated team leader to lead the meetings.

http://www.khin.org/tools/community-toolkit-downloads

KHIN’s Participating Providers

Kansas Health Information Network Participants (KHIN)
Value for Providers

- Fair pricing
- Trusting relationship
- Reduce competition
- Meet provider attestation schedule
- Support local initiatives for HIE utilization
- Provide many products to meet provider needs
- Provide one connection that serves many purposes

KHIN Minimum Data Set

- Demographics
- Medications
- Allergies
- Problem List
- Lab Results
- Immunizations
KHIN Adoption Goal

By 2016 achieve state-wide use (75% of the Kansas population including at least 50% of rural areas) of interoperable health information exchange where 80% of healthcare providers (hospital systems/hospitals, physicians and other clinicians, community health centers, community mental health centers and public health departments) are meaningful users of health information technology and health information exchange.

Our technology partner: ICA

ICA offers a cost-effective, proven technology solution that leverages complete data across clinical settings to aid decision-making and improve patient outcomes.
KHIN Suite of Products

- Portals—provider and patient
- Portal + e-prescribing
- Secure clinical messaging
- Direct
- EMR-Lite
- Full HIE functionality

Data Security
## User Type & Access

<table>
<thead>
<tr>
<th>User Type</th>
<th>Level of Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Administrator</td>
<td>Access to all data and to administer all functions</td>
</tr>
<tr>
<td>Auditor</td>
<td>Access to Audit Trail functionality</td>
</tr>
<tr>
<td>Security Override</td>
<td>Ability to activate Security Override (Break the Glass) functionality</td>
</tr>
<tr>
<td>Health Information Management</td>
<td>Ability to move and delete patient chart documents</td>
</tr>
<tr>
<td>Messaging Administrator</td>
<td>Ability to create and manage message baskets and user’s access to those baskets</td>
</tr>
<tr>
<td>Patient Portal Administration (Optional Service)</td>
<td>Ability to administer patient portal users and their access to patient records</td>
</tr>
<tr>
<td>Patient Portal Registration (Optional Service)</td>
<td>Ability to create a patient portal user and to grant them access to patient records</td>
</tr>
</tbody>
</table>

## Master Patient Index (MPI)
Direct Messaging

Table of Contents
- Discharge Diagnosis
- Admitting Diagnoses
- Discharge Medications
- Allergies and Adverse Reactions
- Vital Signs
- Advance Directives
- Hospital Course
- Plan of Care
- Documents

Discharge Diagnosis
Epilepsy, NOS

EHR-Lite
Order Entry

- Patient Chart
- Clinical Results
- History
- Summaries
- Search
- Actions
- Order Form
- Patient Account
- Address: 623 Takemehome Court, Gotham City, KS 12345
- Insurer: MEDICARE
- Plant: MCR
- Effective Date: 04/25/2002
- Type:
  - Physical Therapy
  - Durable Medical Equipment
  - Lab
  - Radiology

ePrescribing

- Rx
- ALL
- Prescription
- Prescribe
- Prescribe
- Prescribe
- Prescribe
- Medicaion
  - LIPITOR
  - BENADRYL
  - ALLEGRA D 12 HOUR
  - ADIRIL
  - OXYCODONE-ACETAMINOPHEN
  - BACTRIM
- Instructions
  - 20 MG PO DAILY
  - 1 CAPSULE PO ONE TIME ONLY
  - 1 TABLET PO 2 TIMES PER DAY
  - 600 MG PO ONE TIME ONLY
  - 2 TABLET PO EVERY 4 TO 6 HOURS; PRN pain
- Duplicate Therapy detected: ALLEGRA and BENADRYL are both in class(es): Antihistamines
- You must provide a reason to override the above alert:
  - Patient currently taking safely
- Override Reason
  - Patient currently taking safely
- Override
- Cancel
Medication Identification

Medication Reconciliation
Patient Portal

Audit Capability
Audit Capability

**Tracking & Reporting**

- Tracks system activities at user and patient level
- Ad hoc reports
- Pre-defined reports:
  - No Activity by User
  - Random Search
  - Failed Logins
  - Opted Out Patients

Register to Attest on KHIN’s Website, khinonline.org
Hospital Pricing

<table>
<thead>
<tr>
<th>Adjusted Patient Days</th>
<th>Implementation Fee (one time)</th>
<th>Annual Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>10,000 and under</td>
<td>$5000</td>
<td>$10,000</td>
</tr>
<tr>
<td>10,000-50,000</td>
<td>$5,000</td>
<td>$15,000</td>
</tr>
<tr>
<td>50,001-100,000</td>
<td>$5,000</td>
<td>$20,000</td>
</tr>
<tr>
<td>100,001-200,000</td>
<td>$14,985</td>
<td>$25,000</td>
</tr>
<tr>
<td>200,001-500,000</td>
<td>$19,980</td>
<td>$65,000</td>
</tr>
<tr>
<td>500,001-800,000</td>
<td>$24,975</td>
<td>$85,000</td>
</tr>
<tr>
<td>800,000 and over</td>
<td>$29,970</td>
<td>$120,000</td>
</tr>
</tbody>
</table>

KHIN

Physician and EP Pricing

<table>
<thead>
<tr>
<th>Services</th>
<th>Implementation Fee one time, Per prescribing Provider*</th>
<th>Annual Fee Per prescribing provider</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provider Portal</td>
<td>No cost</td>
<td>$100 yr</td>
</tr>
<tr>
<td>Provider Portal w/Rx</td>
<td>No cost</td>
<td>$600 yr</td>
</tr>
<tr>
<td>Secure Clinical Messaging (limited to Kansas and Western Missouri)</td>
<td>No cost</td>
<td>$100 yr</td>
</tr>
<tr>
<td>Messaging with Direct (eventually nationwide)</td>
<td>$200</td>
<td>$200 yr</td>
</tr>
<tr>
<td>Provider w/own EHR</td>
<td>$495</td>
<td>$125 yr</td>
</tr>
<tr>
<td>EHR-Lite</td>
<td>No cost</td>
<td>$900 yr</td>
</tr>
</tbody>
</table>

*MAXIMUM COST FOR A CLINIC PER INTERFACE IS $5,000 OR $15,000 FOR THREE OR MORE INTERFACES.
The Value of HIE

KHIN

Quality Improvement
Meaningful Use
Care Coordination
Data Exchange
HIE Platform

Contact Information

Laura McCrary Ed.D
Executive Director
623 SW 10th Avenue,
Topeka, Kansas 66612-1627
Office: 785-861-7490
Mobile: 785-409-5200
lmccrary@khinonline.org