

Western North Carolina Health Network

An Axial Executive Summary

December 15, 2009

WESTERN NORTH CAROLINA HEALTH NETWORK

- WNC Data Link was set up to share patient records amongst the sixteen hospitals serving western North Carolina. All of the data resides at the point of care (federated). The first phase, connecting the hospitals, was completed in September 2008. Phase II, linking area physician offices, began limited pilot implementation in the Spring of 2009.
- WNC Data Link allows authorized physicians and clinicians to view a patient's electronic records across all WNC hospital systems. Upon request, WNC Data Link searches all of the WNC hospitals' information systems for a patient's records and collates them in a standardized format in real time. Clinicians can access the records through any internet connected device. In future phases, authorized users will be able to access electronic records from physician offices, health departments, clinics and other health care providers to create a longitudinal view of the patient's medical history.
- The system is based on a patient record locator service and does not employ a centralized master patient index (MPI).

Patient Population and Content

There are over 1 million patient encounters recorded in the Data Link project. All of these records are related to the acute care setting. Content included in each patient record is:

- Admission Discharge Transfer (ADT);
- Insurance, Billing information;
- Face sheet in *.pdf format for printing as needed;
- Lab results and trending capabilities;
- Microbiology results;
- Radiology Reports;
- Transcriptions – History/Physical, Operative Notes, Procedure Notes, Consultation Notes and Discharge Summaries;
- Allergy info;
- Rounding Report;
- Visits listing – locations, admit and discharge dates, all MRNs, type of each visit and reason for visits.

Phase II will add retail pharmacy information, ambulatory EHR systems in the region, and images from the PACS systems at the 16 hospitals.

The system offers a standardized web-based view of the data. All of it is printable.

Technology

Data Link is based on Medseek clinical portal software.

Data Sharing

Data sharing amongst the users is based on structured agreements that include a Business Associate Agreement, End-user Agreement and Opt-out agreements. Governance is provided by a series of teams made up of representatives of each of the 16 hospitals. There is a Business Planning Committee that would evaluate any data sharing agreements with third parties. They would make a recommendation to the Board of Directors that made up of the 16 hospital CEOs.

About Us

Axial Exchange has created a suite of products that extract clinical data from existing hospital information systems and deliver it in real-time to the people who need it:

- Primary care physicians receive real-time easy-to-read clinical information when patients visit the hospital, and prepare effectively for outpatient care.
- Medicaid case workers are notified of Emergency Department visits and prevent avoidable readmissions by ensuring that post-discharge treatment plans are followed.
- Researchers reduce patient recruitment costs for trials by identifying potential candidates as they enter the hospital.
- The Emergency Department receives real-time information collected during EMS transport, saving precious time in preparation for critical care.

For More Information

For more information about Axial Exchange, please contact us through any of the following:

Website: www.axialexchange.com

Email: info@axialexchange.com

Twitter: www.twitter.com/axialexchange

LinkedIn: www.linkedin.com/companies/axial-exchange-inc.

Phone: (919) 576-9988

Healthcare information
where you want it. When you need it.