

Minnesota Health Information Exchange (MN HIE) Medication History Service makes a difference for Emergency Department patients



The Emergency Department at Regions Hospital in St. Paul is the first in Minnesota to use MN HIE's medication history service. Integrated into their Epic electronic medical record, the service has helped:

- Identify medications for patients unable to share that information
- Identify drug seeking behavior
- Support JCAHO reconciliation requirements

MN HIE is a secure electronic network which allows subscribing health care providers to view a patient's medical information from a broad range of data sources. MN HIE exchanges important clinical information not previously or readily available to these providers. Currently, there are over 3.9 million Minnesota residents included in the MN HIE secure patient directory, with medication history data available from five data sources. MN HIE consent and opt-out process ensures the patient is in control of their information.

Easy to use

MN HIE services can be integrated into an existing EMR or accessed via a secure Web application. By leveraging a single technology platform, providers can more efficiently diagnose and safely treat patients.

Regions ED staff easily blended the MN HIE medication history service into their routine workflow:

- Medication history and consent process is explained to the patient
- 96% of patients give consent
- ED staff click to view 12 months of the patient's medication history
- Now, providers are better informed and can adjust treatment accordingly

More to Come

Future services will include access to eligibility status, e-prescribing, lab and radiology results, immunization records and other vital medical information.



High quality care

A 61-year-old man entered the Emergency Department at Regions feeling sick after taking too much medication to help him sleep.

He reported that he takes 13 different prescription medications, including several anti-depressants, but could not remember their names. He also couldn't remember which ones he took to help him sleep.

MN HIE's medication history allowed ED staff to review a list of his medications, discuss them with him, and determine an appropriate course of treatment.

Without this critical information, the ED staff may have wasted time and resources in their effort to manage this patient.



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Last Name	First Name	Middle Name	Address	Phone	DoB	Gender
Patient	Test	J	1212 Test Image Way Eagan, MN 55122	612-555-1212	10/30/1989	F

Medication Name	Strength	Dosage Form	Quantity	Supply	Refills	Prescriber	Pharmacy	Source
06/26/2008 *SULFACETAMIDE SODIUM-SULFUR W/ SUNSCREENS CREAM 10-5% ***			45	30	0	--	TARGET PHAR...	TEST
06/23/2008 CIMETIDINE TAB 800 MG			90	90	3	GOBLIRSCH,...	TARGET PHAR...	TEST
06/23/2008 ATENOLOL & CHLOROTHALIDONE TAB 50-25 MG			90	90	3	GOBLIRSCH,...	TARGET PHAR...	TEST
06/18/2008 AZELAIC ACID GEL 15%			50	30	2	--	TARGET PHAR...	TEST
05/13/2008 ATORVASTATIN CALCIUM TAB 40 MG (BASE EQUIVALENT)			90	90	3	GOBLIRSCH,...	HEALTH PARTN...	TEST
04/30/2008 AZELAIC ACID GEL 15%	15		50	30	0	--	TARGET PHAR...	TEST



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