



Southeast Michigan Health Information Exchange

Overview

The Southeast Michigan Health Information Exchange (SEMhie) is a multi-stakeholder initiative dedicated to delivering the promise of integrated health information exchange throughout Southeast Michigan. When successfully deployed, SEMhie will:

- Enhance patient care, quality and safety
- Increase effectiveness and efficiency of healthcare delivery
- Reduce healthcare costs

History

For the past two years, a working group which includes Chrysler, Ford Motor Company, General Motors, the Wayne and Oakland County Medical Societies, Greater Detroit Area Health Council, Blue Cross Blue Shield of Michigan, and the Henry Ford, Oakwood, Trinity and St. John Health Systems have engaged in exploratory discussions regarding planning an interoperable health information exchange for the benefit of the residents, providers and other stakeholders in Southeast Michigan.

In late 2006, the Southeast Michigan Health Information Exchange (SEMhie) consortium identified four host organizations to facilitate planning activities: Altarum Institute, the Greater Detroit Area Health Council, and the Wayne and Oakland County Medical Societies. Altarum was asked to serve as the lead agent, to manage the planning process, and provide project subject matter expertise; Altarum supports the SEMhie planning and development process by providing project management and subject matter expertise.

Following a comprehensive application to the Michigan Department of Community Health, Altarum was awarded a \$1.1M planning grant to further the Consortium's efforts to plan and implement a health information exchange in Southeast Michigan.

In February 2010, SEMHIE won a \$2,988,000 contract for an Electronic Medical Records (EMR) initiative from the U.S. Government's Social Security Administration (SSA). This award comes to SEMHIE in partnership with its Fiduciary, Southeastern Michigan Health Association (SEMHA). The funds will be used to automate the process of filing Social Security disability insurance claims in the Detroit Metro Region, and accelerate the process from 457 days on average to six hours. Once received - decisions on these claims can be made by SSA in days - providing disabled citizens financial support on a timely basis while bringing increased federal dollars to the Detroit area faster. On the larger scale, the infrastructure of this health information exchange will provide the start of the process for creating a comprehensive health information exchange for South East Michigan. The funds from this contract award will enable two major hospital systems that are collaborative partner members of SEMHIE, Henry Ford Health System and Oakwood Healthcare System, to link their systems to the Nationwide Health Information Network (NHIN). Ultimately, when additional funding is procured, the other four major hospital systems in the Detroit Metro area are expected to use the same infrastructure to provide a similar service.

Mission and Vision

The SEMHIE Consortium will advance the implementation of an integrated, interoperable health information exchange across the region, supporting the data needs of physicians, health systems/hospitals, patients, employers, health plans and other regional constituents. The exchange will provide a platform for the delivery and sharing of electronic health information in a secure and timely manner to authorized users across organizational boundaries.

SEMHIE stakeholders are dedicated to: enhancing patient care quality and safety, increasing effectiveness and efficiency of healthcare delivery; and reducing healthcare costs.

Objectives

- Establish a sustainable, self-sufficient business model for the SEMHIE that aligns costs with benefits for the stakeholders

- Provide for secure, private, and efficient cross-institutional exchange of clinical and administrative healthcare data
- Create a secure, ubiquitous, and interoperable health information technology infrastructure consistent with recognized international, state and federal standards/guidelines
- Link to national and regional efforts through use of a common trust framework, business & operating rules, technical infrastructure, and governance models for federated identity management and interoperability
- Develop and maintain an environment of trust among stakeholders

Participation

Opportunities are available to join a SEMHIE work group and participation is welcome.

Participation in a work group will require a limited time commitment – two one-hour meetings a month plus preparation time.

Work groups include:

<ul style="list-style-type: none"> • Business Planning • Community Benefit • Governance 	<ul style="list-style-type: none"> • Stakeholder Value • Functional Design • Technical Design • Advisory Panel
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Please note that in order to participate in SEMHIE efforts, all organizations must complete 2 forms:

- a Joint Participation Agreement, and
- a Conflict of Interest Disclosure Form

Those organizations wishing to participate in a governance capacity will be required to complete a third form, a Governance Body Conflict of Interest Disclosure Form.

(All forms are available for download on the SEMHIE Website.)

For More Information:

Please visit the SEMHIE website www.semhie.org or contact us by email info@semhie.org