



Health Information Exchange in California

Right Care Capitol Region University of Best Practices
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Robert M. Cothren, PhD, Executive Director
California Association of Health Information Exchanges



What is CAHIE?

Voluntary collaboration of stakeholders promoting statewide information sharing

- CAHIE has 33 Members
 - 12 community-based HIOs
 - 10 enterprise-based HIOs
 - 11 government agencies, vendors, and other associations including CHA and CMA



What is CAHIE?

Community to respond and participate in state and national activities

- Responses to calls-for-comment
...such as *Federal Health IT Strategic Plan, Nationwide Interoperability Roadmap, and 2015 Interoperability Advisory* on best available standards
- Pilot projects
...such as provider directories, electronic POLST registry, or PULSE disaster response system



What is CAHIE?

A forum to solve problems and share experience

- Assistance to emerging or expanding Members through our Knowledge Network series
 - Such as exchange of sensitive information
 - Such as integration of emergency services
 - Such as best practices in patient matching



What is CAHIE?

Voluntary self-governance for statewide HIE in California

- Single, multiparty data sharing agreement to govern exchange across organizational boundaries
California Data Use and Reciprocal Services Agreement, or CalDURSA
- Technical services to ensure trust among organizations and facilitate secure data sharing
California Trusted Exchange Network, or CTEN



How are we helping inform care?

Supporting California's strategy for statewide information sharing

- Ease data sharing among regional community and enterprise exchanges, data registries, government agencies, and other services
 - Breaking down information barriers created by HITECH
 - Making inter-organizational exchange more standardized (more secure and less expensive)



How about in an emergency?

Supporting emergency care in the pre-hospital setting

- Enabling exchange between ePCR of local EMS agencies and EHRs of hospitals that receive patients
 - Bridging gaps in areas where regional community HIE does not provide connection
 - Connecting enterprise exchanges (e.g., large hospital systems) and EMS



How about in an emergency?

Enabling informed health care in time of disaster (PULSE)

- Managing identities and credentials of displaced health care providers
 - No longer using their home EHRs and exchanges
- Enabling discovery of patients and their information
 - Those injured in the event
 - Those displaced while receiving care



What about chronic care?

Enabling information flow across inter-organizational transitions of care

- Enabling exchange between hospital and extended care facilities
 - Bridging gaps in areas where community HIE does not provide connection
 - Connecting enterprise exchanges (e.g., large hospital systems) and community exchanges or long-term care



What about chronic care?

Enabling organizations to locate and follow end-of-life instructions (POLST)

- Enabling EMS, hospitals, and other organizations to quickly and accurately locate electronic Physicians Orders for Life-Sustaining Treatment
- Expected pilot of a state-wide registry



What about privacy?

A view of what is required to establish trust in information sharing

1. Know your conversation is not overheard
2. Know the information can be trusted
3. Know who you are talking about
4. Know who you are talking to
5. Know how the information will be used
6. Know you have permission for the conversation



What about privacy?

Creating trust across organizational boundaries

- Creating a policy structure to govern organizational behavior (CaDURSA)
- Creating a technical framework for secure exchange among organizations (CTEN)
 - Technology for individual and organizational provider identity management
 - Addressing the problem of patient matching



Why is California different?

Not an environment for a monolithic approach

- California's strategy has always been to support regional community and enterprise exchanges, and tie them together with a set of very lightweight common policies and technologies





Why is California different?

California is a smaller version of the national ecosystem

- The nation is made up of enterprises and communities that wish to exchange information
 - Under everyday circumstances
 - In an emergency or in response to a disaster
 - At the end of life
- So is California



Questions?





Contact Information

Robert M. Cothren, PhD

Executive Director

California Association of Health Information Exchanges

p925-934-2280

erobert.cothren@ca-hie.org

w<http://www.ca-hie.org>