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Welcome to the Webinar

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MEETING MEMBER NEEDS IN A CONNECTED WORLD

MANAGING A 21ST CENTURY NOT-FOR-PROFIT

Learn from Leaders Webinar
ZurickDavis
March 22, 2017



Six Stages of MHDC's Development

- 1 Launching MHDC (1976 – 1979)
- 2 Understanding Healthcare in the Commonwealth (1980 – 1993)
- 3 The Internet and Information Exchange (1994 – 2002)
- 4 Clinical Information Exchange (2003 – 2005)
- 5 MHDC as Convenor (2005 – 2012)
- 6 Education, Leadership and Analysis (2005 – 2012)

I: Launching The Consortium (1976-1979)

Health Data Consortium Project:

Create a centralized location and source of uniform hospital discharge data sets for major public and private health-related organizations in Massachusetts.

Funding

- Multi-year federal grants by the National Center for Health Statistics (NCHS) in collaboration with the Massachusetts Office of Health Planning
- Chartered by the Department of Public Health to determine the feasibility of establishing a data consortium for the state.
- Headed by Elliott Stone and Louis Freedman, Commissioner of Massachusetts Division of Health Care Finance and Policy and Jonathan Fielding, Commissioner of Public Health serve as major organizers of project

1976

1977

1978

1979

Incorporation

- Founded and incorporated in February 1978
- First meeting on April 28, 1978 as an independently constituted non-profit corporation

Legislation

- On May 23, 1978, Governor Michael Dukakis signs special legislation authorizing Dept. of Public Health, Dept. of Public Welfare, and Rate Setting Commission to be officially be a part of MHDC

Launch

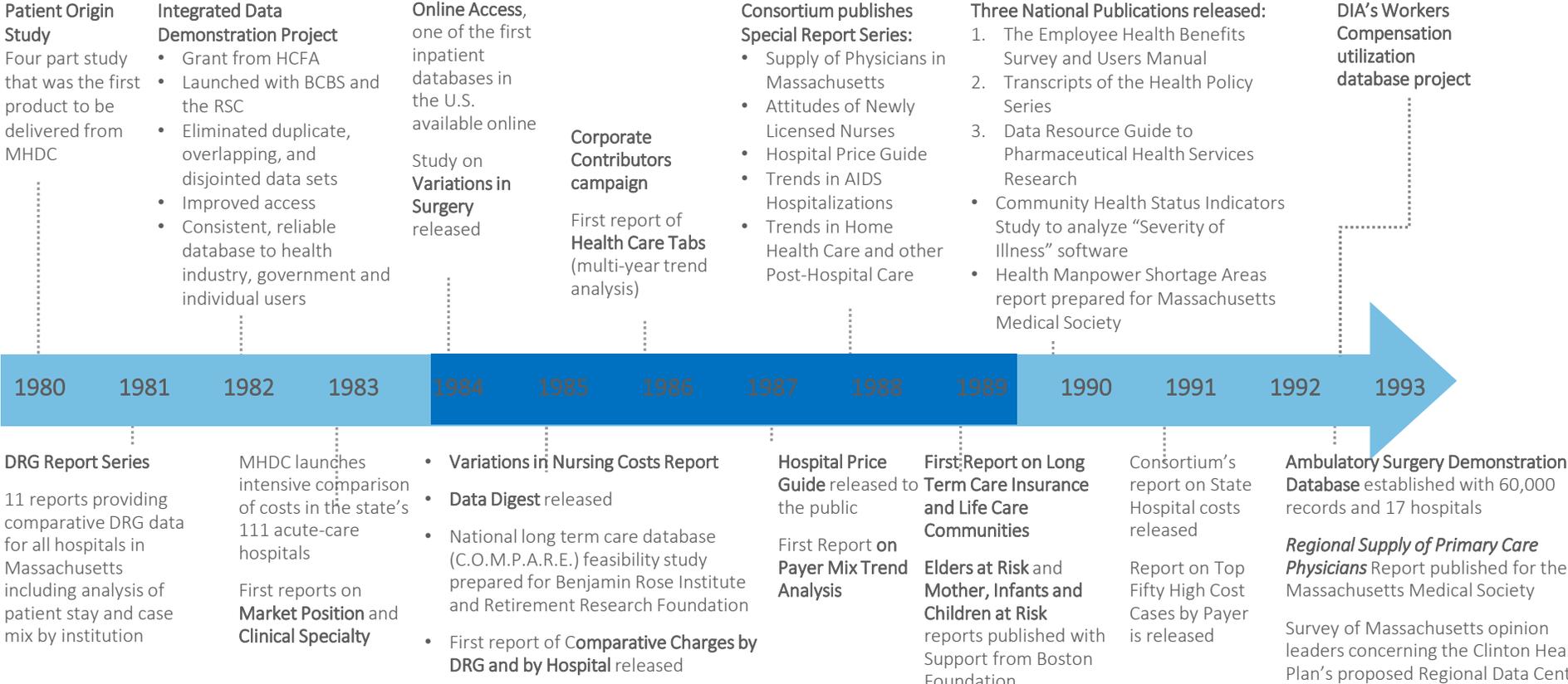
- 120 hospitals sign the first voluntary data sharing agreement with the Consortium

Goals of Consortium:

- ✓ To develop, coordinate, and operate effective and efficient health data systems that will meet the health data needs of public and private organizations, agencies, and individuals
- ✓ To act as a central health data collection, dissemination, education, research and analysis agency
- ✓ To participate in studies, surveys, research projects, and experimental programs
- ✓ To apply for, receive, and administer money and other property from the government, philanthropic organizations, and other public and private sources
- ✓ To engage in any and all lawful activities or services incidental to the foregoing purposes or in any way connected therewith which may improve the quality, efficiency, or effectiveness of the local, state, and national health care delivery systems



II: Understanding Healthcare in the Commonwealth (1980-1993)



From the mid to late 80's, the Consortium invested much of its effort into seminars and conferences for the education and training of healthcare professionals in new and emerging systems and technologies in data development.



III: The Internet and Information Exchange (1994-2002)

Affiliated Health Information Networks of New England

NEHEN, LLC.

- In response to the surveys conducted in the fall of 1993, in December of 1994, the Consortium created a sophisticated electronic virtual network and data bases for moving, sorting, and sharing patient information
- Project led to formation of a variety of Community Health Information Networks (CHIN's) which built upon the systems already set in place at the time and encouraged collaboration and standardization among themselves

- Launch of MHDC website
- Launch of **HIPPA Awareness Campaign** that aided participants in the Affiliated Networks in better facilitating their compliance with HIPPA regulations
- Later created HIPAA web based Resource Center in 1999

- ❑ Affiliated Networks transitioned to become the NEHEN project in 1998 (New England Healthcare EDI Network)
- ❑ Created by leaders of our CIO forum
- ❑ Was a collaborative of providers and payers in eastern Massachusetts that created, managed, and operated a shared insurance EDI (electronic data interchange) infrastructure
- ❑ Main goal of developing a common technology platform to exchange insurance transactions between regional providers and payers and a common set of guidelines and policies implementing the transactions and governing the use of the network



Our Chief Information Officers (CIO) Forum convenes 14 original members to develop the AHINNE strategy

Three State/HealthKey Project:

- MHDC receives a one-year planning grant from the Robert Wood Johnson Foundation to develop a model for building a national health information infrastructure using internet applications at a community level.
- Goal: to connect individual systems enabling enterprises to meet the then emerging need for shared health information.
- Evolved to HealthKey Project in 2000 with the addition of more states from another 2-year grant from Robert Wood Johnson Foundation

From 2000 to 2002, MHDC worked with the Department of Health and Human Services to lead change in information exchange with new HIPAA polices

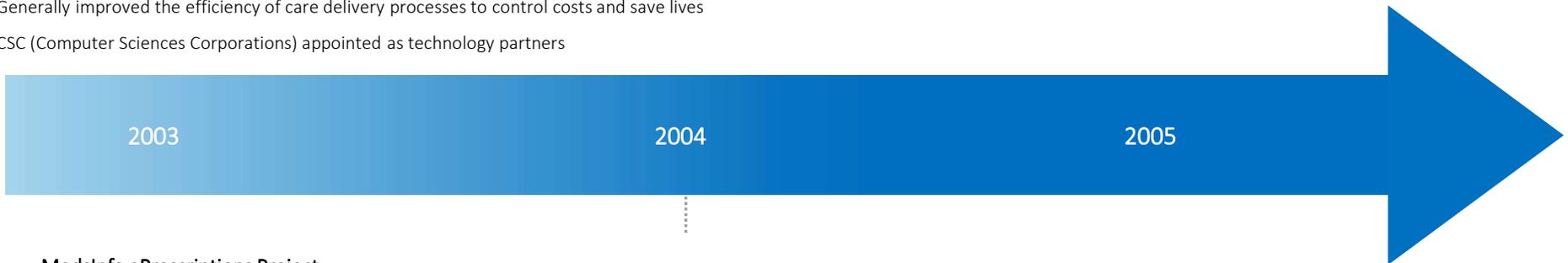
- Consortium periodically submitted comments to DHHS on HIPAA Privacy Rule
- HIPAA workshops initiated and HIPAA Education Coordinating Committee formed (Roadshows across state for provider awareness)
- Held first "Healthcare & the Internet" conference
- Creation of Privacy, Operations, and Security Officers Forum



IV: Clinical Information Exchange (2003-2005)

Initiation of MA-SHARE in May of 2003 → Established as an LLC on March 16, 2004

- MA-SHARE (Simplifying Health Among Regional Entities) was a collaborative regional health information organization that sought out to promote the inter-organizational exchange of healthcare data to make accurate clinical information available wherever needed in an efficient, cost-effective and safe manner
- MHDC received a \$500,000 grant from Blue Cross Blue Shield
- Project applied innovative health information technology
- Improved patient safety
- Addressed fragmentation of patient medical records
- Generally improved the efficiency of care delivery processes to control costs and save lives
- CSC (Computer Sciences Corporations) appointed as technology partners

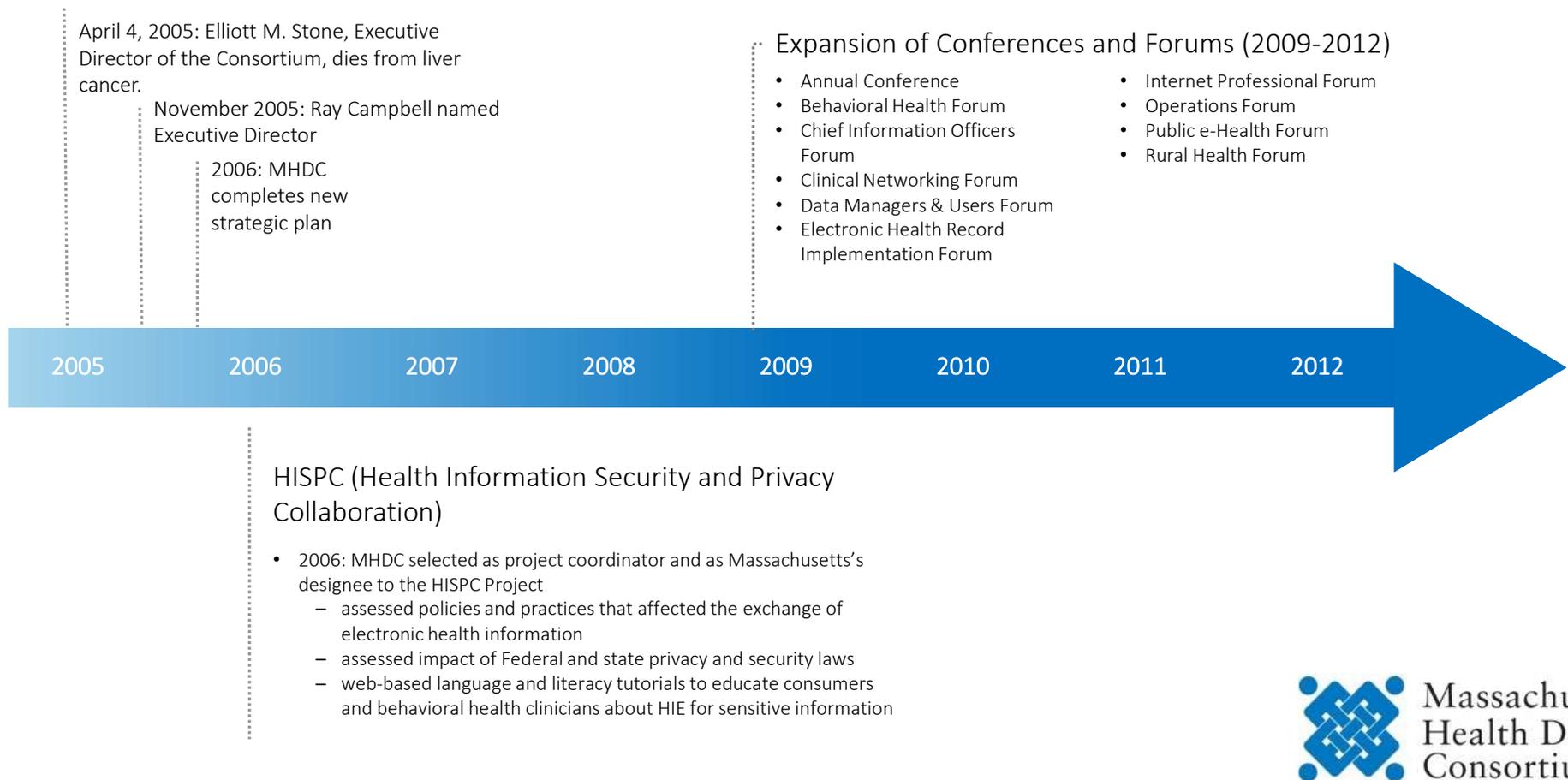


MedsInfo ePrescriptions Project

- Anchor project of MA-SHARE
- Funded in part by a contract award from the Foundation for eHealth Initiative (*FeHI*) and its Connecting Communities for Better Health Program
- Furthered the assessment of the value and capability of having ePrescribing and clinical data exchange technology in emergency departments
- MHDC's managed the Privacy and Security aspect of the project and to set standards and strategize implementation with our existing Privacy and Security Officers forum
- Many of the findings and lessons learned from the project set the groundwork for future clinical data exchange projects in Massachusetts and across the country



V: MHDC as Convenor (2005-2012)



VI. Collaborative, Analytic & Leadership Services (2013-present)

The ICD-10 Project (2013-2015)

- January 2013: CIO Forum leadership agree to use MHDC to manage the collaborative transition to new coding standard
- April 2013: Project governance, work group and subgroups formed to address testing, mapping and policies, communications, operations and project management
- January 2014: Collaborative Testing Program (CTP) launched
 - MAeHC as program manager
 - Edifecs as technology services provider
 - 95 healthcare organizations in nine (9) testing communities conduct validation and impact testing
- March 2015: ICD-10 Project concludes

Spotlight Analytics (2014 ongoing)

- January 2014: MHDC targets health data analytics
- November 2014: MHDC launches Spotlight Analytics to increase value of billing and claims data and address limited growth potential in member fees and the state's more stringent data sharing regulations
 - CHIA case mix data
 - web-based
 - advanced analytic and mapping features
 - user-defined reporting, exporting features
 - HIPPA- and state-compliant security and privacy at a fraction of the costs of comparable commercial products
- June 2016: Spotlight incorporates all payer claims data (APCD)
- November 2016: Spotlight launches RTA (real time analysis) to provide risk-factor and predictive analysis to data from electronic medical records

2013

2014

2015

2016

2017

2018

Leadership Services (2013 ongoing)

- April 2013: MHDC launches Accountable Care Series with 20+ presentations per year
- May 2015: MHDC creates Information Leadership Forums with CIO Forum as strategic anchor
- January 2017: MHDC offers all Series and Forums in-person, on-line, and on-demand



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