

Ambulatory Electronic Medical Record - Is It in Your Future?

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Goals for today...

- Describe the MaineHealth ambulatory electronic medical record strategy
- Give you my thoughts on whether you should implement an ambulatory electronic medical record

MH aEMR Progress

- Phase I - engagement
- Phase II - selection and contracting
- Phase III - implementation

Strategic Principles

- Improve the health of the patients we serve
- Create a single, authoritative, transportable personal health history
- Build the foundation for increased personal involvement and responsibility in healthcare decisions

Provider Bill of Rights

- maintain a financially sustainable system
- decrease administrative/clerical burden on providers wherever possible (and in no case further compromise provider time)

Engagement

...MaineHealth also recognizes that traditional system selection and procurement processes are heavily weighted toward system functionality "on paper," and that these processes may fail to capture whether or not a vendor understands the MaineHealth enterprise and MaineHealth enterprise goals, and whether or not a vendor is willing to participate as a full partner in the evolution of an electronic healthcare environment...

The first phase of the selection process will give potential vendors the opportunity to meet with MaineHealth member and affiliate staff, and other affected members of the MaineHealth practice community. This phase will also acquaint vendors with the many and varied venues of care within the MaineHealth system, from large hospital-affiliated group practices to small independent practices in rural Maine. The deliverable of this phase will be a white paper describing the potential vendor's understanding of the challenges facing MaineHealth, and outlining an approach to surmounting these challenges to achieve the goals outlined above. At most six vendors will receive contracts for this phase of the procurement.

Themes

- participation level
- service or discount
- incremental or “big bang”
- control of the record
- quality of communication
- privacy & patient control
- measuring success
- the virtue of choice
- cost and risk
- support models

Selection & Contracting

Allscripts
Cerner
Companion
eClinicalWorks
Eclipsys
Emdeon
Epic
GE Centricity
InteGreat
LSS
McKesson
MIE
Misys
NDS
Nightingale
Pulse
Siemens/NextGen



Allscripts

eClinicalWorks
Eclipsys

Epic
GE Centricity

LSS

Nightingale

Siemens/NextGen



Allscripts (83)

eClinicalWorks (48)
Eclipsys (75)

Epic (93)
GE Centricity (73)

Nightingale (74)

Evaluators

- [Jeff Aalberg](#)
- Eric Anderson
- [Larry Anderson](#)
- [Alan Barker](#)
- Brooks Betts
- [Dan Friedland](#)
- [Rebecca Hemphill](#)
- [Nat James](#)
- Mary Lou Johnson
- [David Kumaki](#)
- [Lisa Letourneau](#)
- [Baird Mallory](#)
- Don Malpass
- [Jane Pringle](#)
- Denis Rochette
- [Stephen Rosenfeld](#)
- Monica Russo
- [Doug Salvador](#)
- [Chris Stenberg](#)
- Peter Wood

Epic Sites

Advanced HealthCare
Adventist Health West
Allina Health System
Arnett Clinic
Aspirus
Beaumont Hospital
Cambridge Health Alliance
CentraCare
Children's Hospital Denver
Children's Hospital of Philadelphia
Children's Memorial Medical Center
Cleveland Clinic
Columbus Children's Hospital
Dean Health Systems
Dreyer Medical Clinic (Advocate Health)
DuPage Medical Group
[East Boston Neighborhood Health Center](#)
[Elliot Health System/PPS](#)
Evanston Northwestern Healthcare
Fairview Health Services
[Fallon Clinic, Inc.](#)
Florida Hospital Family Practice Residency
Froedtert & Community Health, Inc.
Geisinger Health System
Group Health Associates
Group Health Cooperative
Group Health Cooperative
Harris County Hospital District
[Harvard Vanguard Medical Associates](#)
Hawaii Pacific Health
HealthPartners
Heart of Texas Community Health Center
Hennepin County Medical Center
Institute for Urban Family Health
Kaiser Permanente National
Lancaster General Hospital
Loyola University Health System
Mayo Clinic Scottsdale
Metro Health
MetroHealth
Monroe Clinic
Mount Sinai Medical Center
MultiCare Health System
Nemours
Northwestern Medical Faculty Foundation
OCHIN
Oregon Health & Sciences University
Parkland Health & Hospital System
Premier Health Partners
Prevea Clinic
[RiverBend Medical Group](#)
Salem Hospital Regional Health System
Sanford Health
St. Mary's Duluth Clinic Health System
St. Vincent Catholic Medical Centers of NY
Sutter Health
SwedishAmerican Health System
SynergyHealth
Talbert Medical Group
ThedaCare
University of California Davis Health System
University of California San Diego
University of Pennsylvania Health System
University of Pittsburgh Medical Center
University of Texas Medical Branch
University of Texas Southwestern Medical School
University of Utah Hospitals & Clinics
University of Wisconsin Healthcare
UW Medicine
Weill Cornell Physicians

More on selection

- Epic demonstration 4/26 & 4/27
- Eclipsys demonstration 5/3 & 5/4
- Site visits to both vendors' sites in May
- Preferred vendor by end-of-month

Other “details”









- Timeline

Implementation planning to begin in early summer. Details are very dependent on choice of vendor.

- Stark exemptions

MH Board of Trustees approved project funding on 4/5/07, including 85% subsidy for allowable expenses for independent practices. Funding will come from MH and member hospitals.

Is an aEMR in *your* future?

-  better decisions
-  more efficient practice
-  connection to the healthcare “web”
-  competitive advantage
-  pay-for-performance
-  better workflows for MD and staff
-  patient participation
-  patient expectations

-  rigid workflows
-  loss of autonomy
-  loss of expressiveness
-  high cost
-  risk of failure
-  company risk
-  loss of income

Is an aEMR in *your* future?



better decisions



more efficient practice



rigid workflows



loss of autonomy

the value of a blank piece of paper

↑volume ↓time

tools for thinking

memory v. problem solving

guidelines

templates

population awareness

rules & alerts

outcomes & quality reporting

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workflow, workflow, workflow

decreased transcription?

decreased paper management

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the other “web”

single patient record

patient communication

provider communication

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