

Health Information Technology: Reaching Meaningful Use

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CALIFORNIA

Cal **e**CONNECT





CALHIPSO
California Health Information Partnership & Services Organization

HITEC-LA
POWER YOUR PRACTICE

Statewide

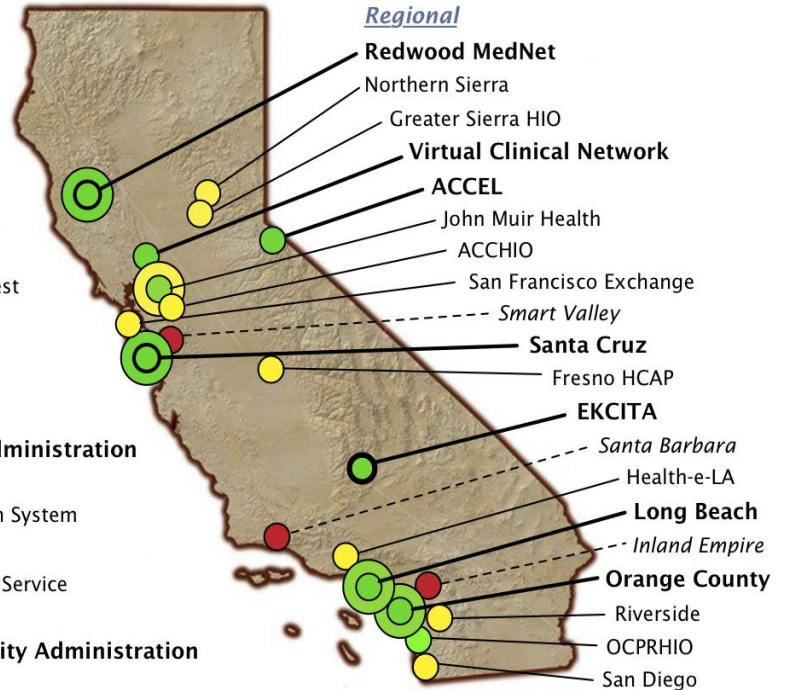
-  Sutter Health
-  CalRHIO
-  Kaiser Permanente
-  Catholic Healthcare West

National

-  Veterans Administration
-  Military Health System
-  Indian Health Service
-  Social Security Administration

Regional

- Redwood MedNet**
- Northern Sierra
- Greater Sierra HIO
- Virtual Clinical Network**
- ACCEL
- John Muir Health
- ACCHIO
- San Francisco Exchange
- Smart Valley
- Santa Cruz**
- Fresno HCAP
- EKCITA
- Santa Barbara
- Health-e-LA
- Long Beach**
- Inland Empire
- Orange County**
- Riverside
- OCPRHIO
- San Diego



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COeHealth.org
California eHealth Collaborative

SCHIE
Santa Cruz Health Information Exchange

PMG
Physicians Medical Group
of Santa Cruz County



- County Population 270,000
- 95% in Patient Index
- HIE Since 1996
- Bi-directional Exchange
100,000 + clinical documents /
month
- Multi-Stakeholder Community
- Two full-service hospitals
- 400+ MDs – 700+ Users
- Web & EHR Interfaces
- 7 Laboratories
- 5 Radiology Centers
- County Health Services & Jail
- Safety Net Clinics





Dominican Medical Foundation

A service of CHW Medical Foundation

COUNTY OF SANTA CRUZ
Health Services Agency



Dominican Hospital • Lab
CHW • Radiology
 • Transcription



2 Hospitals - 8 Feeds



Health Information Exchange in The Santa Cruz Community

- **1995 – Bringing the community together**
 - **PMG – Dominican Hospital - Unilab**
- **1996 – First Exchange of Clinical Data**
- **2001 – Web-based HIE interface and EMR Lite**
 - **County Clinics**
- **2004- 2006 – 3 HIE – EMR Interfaces -- NHIN 1**
 - **Safety Net Clinics – 4 More labs**
- **2009 -- EMR Lite with 600+ electronic users**
 - **NHIN at Redwood MedNet – 5 CA sites**
- **2010 – 7 Connected EMR's**
 - **700+ electronic users**
 - **HIMSS Interoperability Showcase -- NHIN Demo with 3 CA Sites**

Health Information Exchange Stats

- 6x increase in traffic / usage in last 6 years
 - currently 1,200,000 clinical page views / month
 - 23,000 Rx via SureScripts / month*
 - 1,600 pre-treatment authorizations / month
 - 1,800 MD to MD Referrals / month
 - 28,000+ Lab Results / month
 - 600 Electronic Lab Orders / month
 - * Including eRx from EHR and HIE

Meaningful Use & The HIE / EHR Challenge

Rich Bi-Directional Interfaces and
Interoperability can be complex, expensive
and take too long to implement

Meaningful Use = Use EHR+ HIE + Quality Reporting

EMR Deployed In Santa Cruz



EHR Certification

- Certification Background –
 - CCHIT and Prior Year Certification
- Certification Lessons
- ONC-ATCB Status
- Certification Timeline
- Meaningful Use Guarantee
 - *Or*
- Regional Extension Center Certified Offering

PMG Roadmap to Meaningful Use

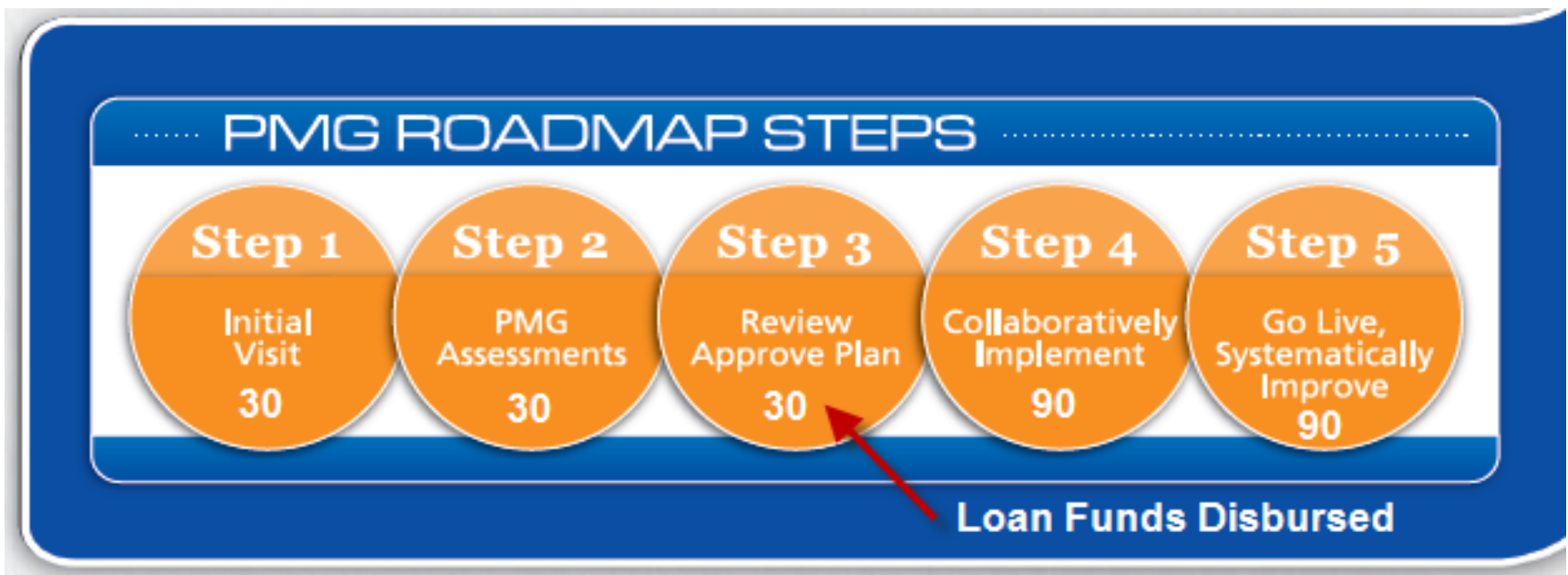


- Certified Electronic Health Record
- Implementation & Support to achieve Meaningful Use
- Bi-Directional EHR/HIE Interface
- Meaningful Use Monitoring
- EHR Optimization

Three Paths to Meaningful Use

(in Santa Cruz)

- Elysium EHR Lite
- McKesson Practice Partner EHR (+ HIE*)
- Physician Selected Certified EHR (+ HIE*)



PMG Roadmap to Meaningful Use

- Follows Regional Extension Center Approach
- Workflow Assessment
- Technical Assessment
- Group Discount on Certified EHR and Practice Management
- Implementation Assistance – Technology, templates, workflow, training
- HIE Connection
- On-Going Support
- HITECH Reporting Assistance
- EHR Optimization

Elysium by Axolotl

- Certified EHR -- EMR Lite
- ASP – Internet web browser
- Health Information Exchange

Elysium EHR Lite Features in Use

- Community Patient Index (MPI)
- Lab Results & Lab Orders
- ePrescribing via SureScripts and RxHUB
- Problem List & Chart Notes
- Authorizations and Referrals
- Hospital – Dictations, Op Reports, lab, radiology
- Consultant Reports
- Transcription
- Provider to Provider Secure Communications
- Virtual Health Record
- EMR / EHR Interface (Interoperability HUB)

McKesson Practice Partner

- Group Purchase = Attractive \$\$
- Hosted – Citrix Based
- Full featured EMR
 - Including Scheduling , Billing, Patient Portal
- Bi-directional Interface to HIE !!!
- Local Support and Local Enhancements
 - Physicians Interoperability Engine by PMG
 - Library of Local Forms and Physician Directory

Infrastructure & Resources Dedicated to the SC HIE & EHR

- Core Infrastructure is Hosted
- HIE & EHR Support
 - 1st Line Support, MPI Administration, User Administration and Training
 - 4 FTE
- Infrastructure (PC and Network)
 - 4 FTE

July 2010 Status

- 50% of Targeted Providers with EMR
 - Some level of services to achieve MU
 - Abbreviated Roadmap
- 30% of Targeted Providers in Roadmap
- 20% Undecided
 - Some will go for MU
 - Some will retire
 - Some do not believe MU is worth changing their practice

The Next 3 – 5 Years

- “PMG Roadmap to Meaningful Use”
 - Services
 - All Willing providers to MU by 6/31/11
- On-going Interface development
 - More bi-directional HL7
- Achieve true Interoperability 2010 - 2015