

# Minnesota HIMSS Annual Conference

**May 18, 2011**

**Gary Keast**

**Senior Systems Analyst**

**Mayo Clinic**

*Meaningful Use*

# *Mayo Clinic is...*



**Mayo Clinic  
Rochester**

**Mayo Health  
System**

**Mayo Clinic  
Scottsdale**

**Mayo Clinic  
Jacksonville**



## Mayo Environment

- Rochester, Jacksonville, Scottsdale, and 70 smaller communities in upper Midwest
- 73 clinics, 21 hospitals (largest 1,265 beds)
- 6,900 medical staff, 49,000 allied health staff
- In the largest practice (Rochester, MN), 50% of the patients come from a 120-mile radius
- Equally as many come from every other state, and most countries around the globe

# EHR Environment

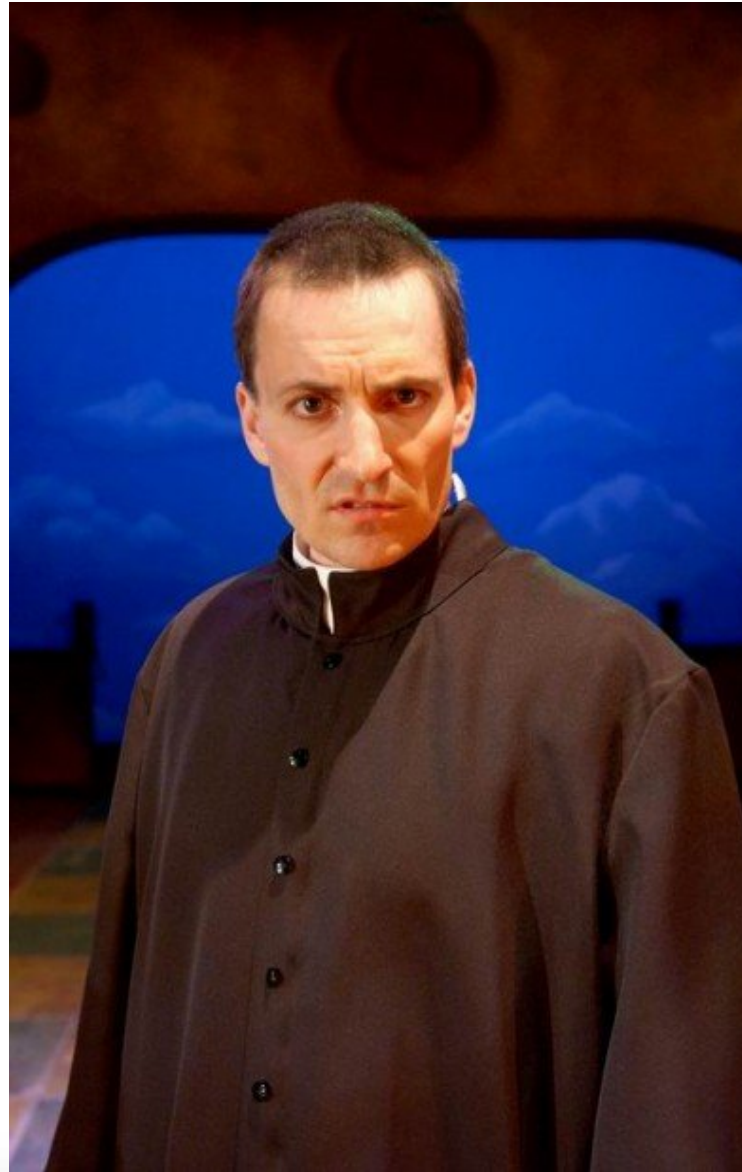
- **Rochester:**
  - **GE Centricity Enterprise**
  - **Other internally-developed and vendor-developed packages**
- **Mayo Health System:**
  - **Cerner Millennium**
- **Florida / Arizona:**
  - **Cerner Millennium**



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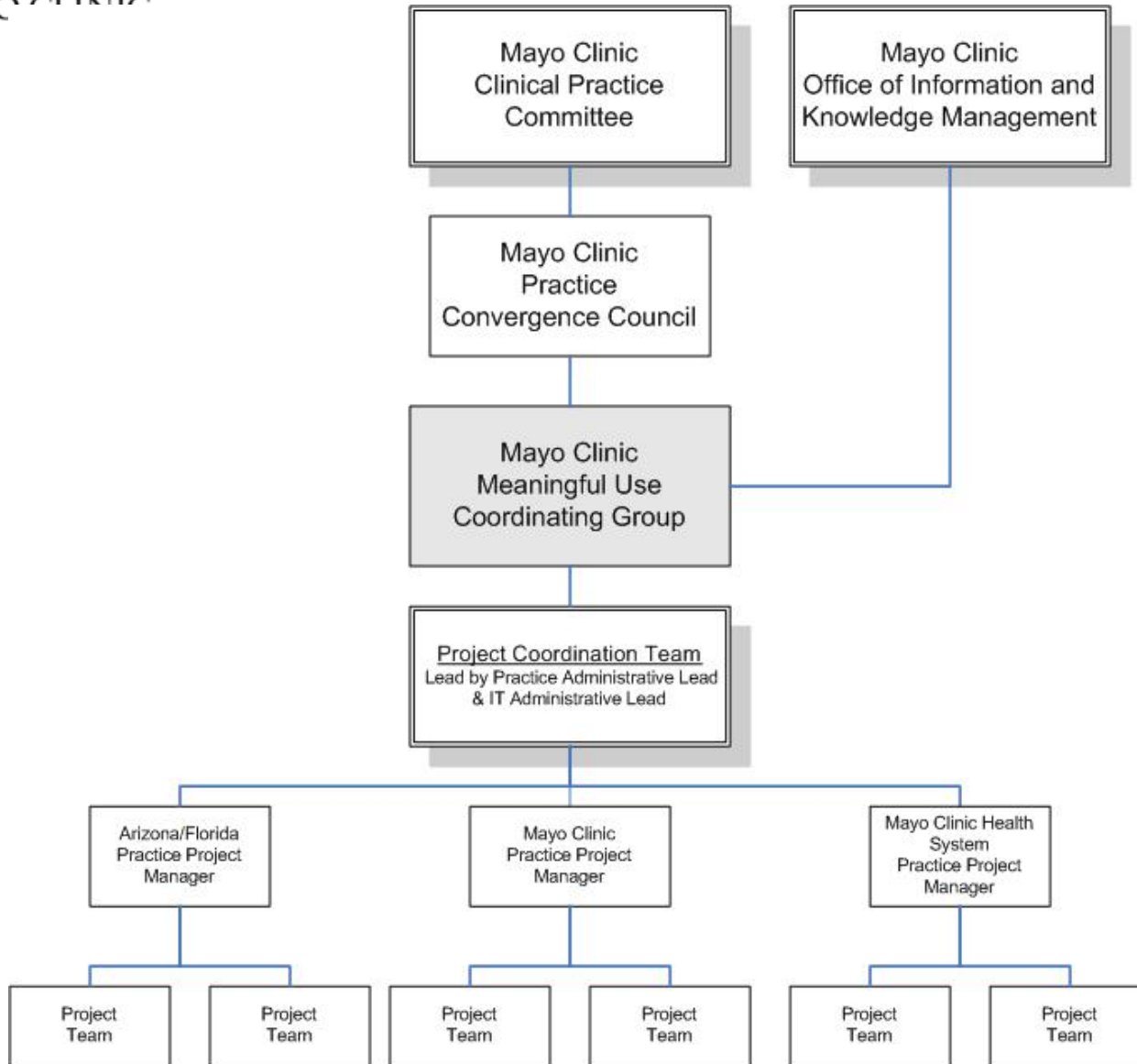
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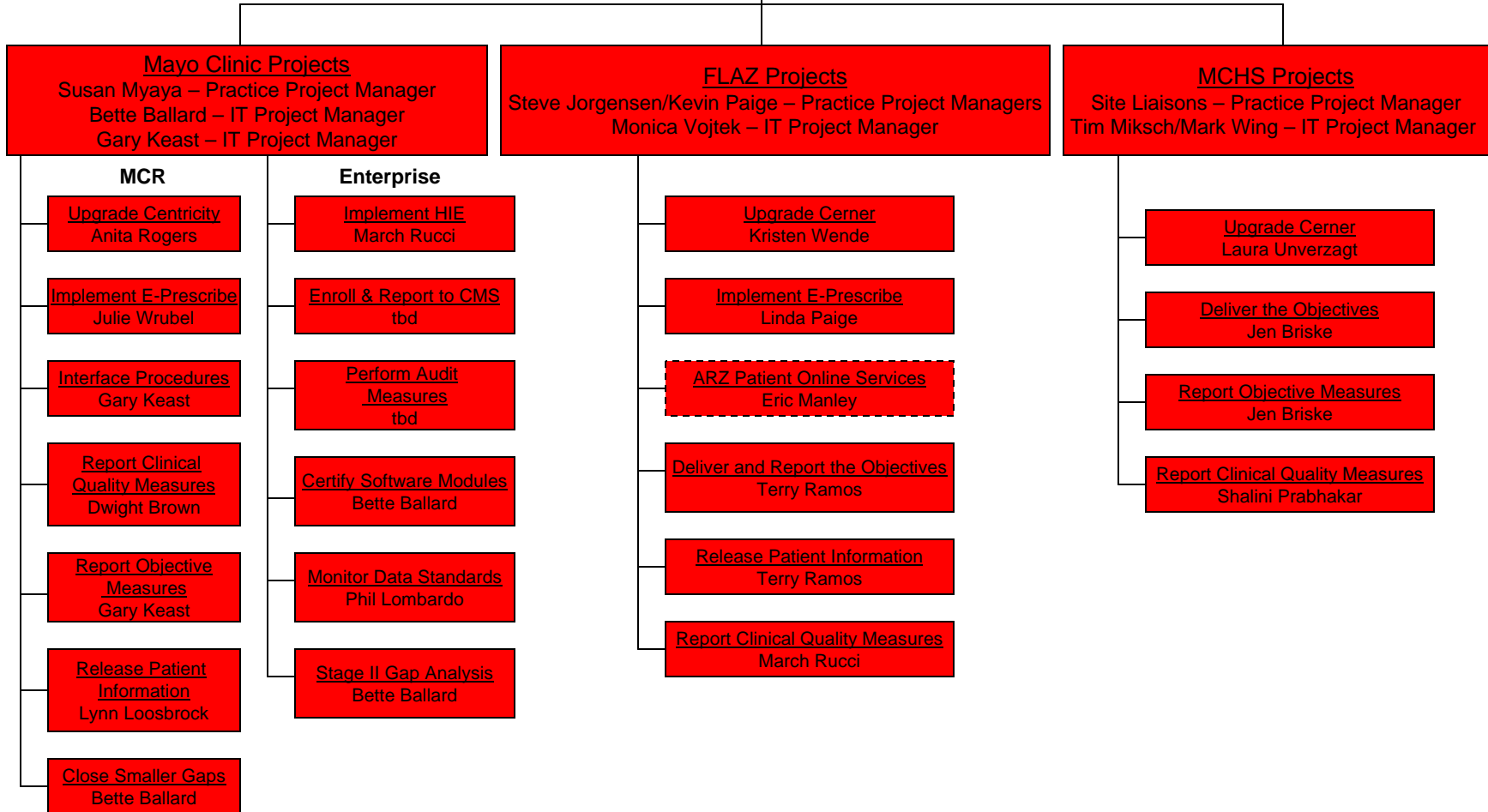
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## Stage I Gap Analysis

- **Enterprise Gap Analysis Assessment  
January 2010 – October 2010**
- **ONC final rule released - July 13, 2010**
- **Mayo Gap Analysis Final Report – September 2010**
- **Approval to proceed for 32 Meaningful Use  
recommendations, covering Enterprise, FLAZ, MCHS,  
and RST projects – September 21, 2010**



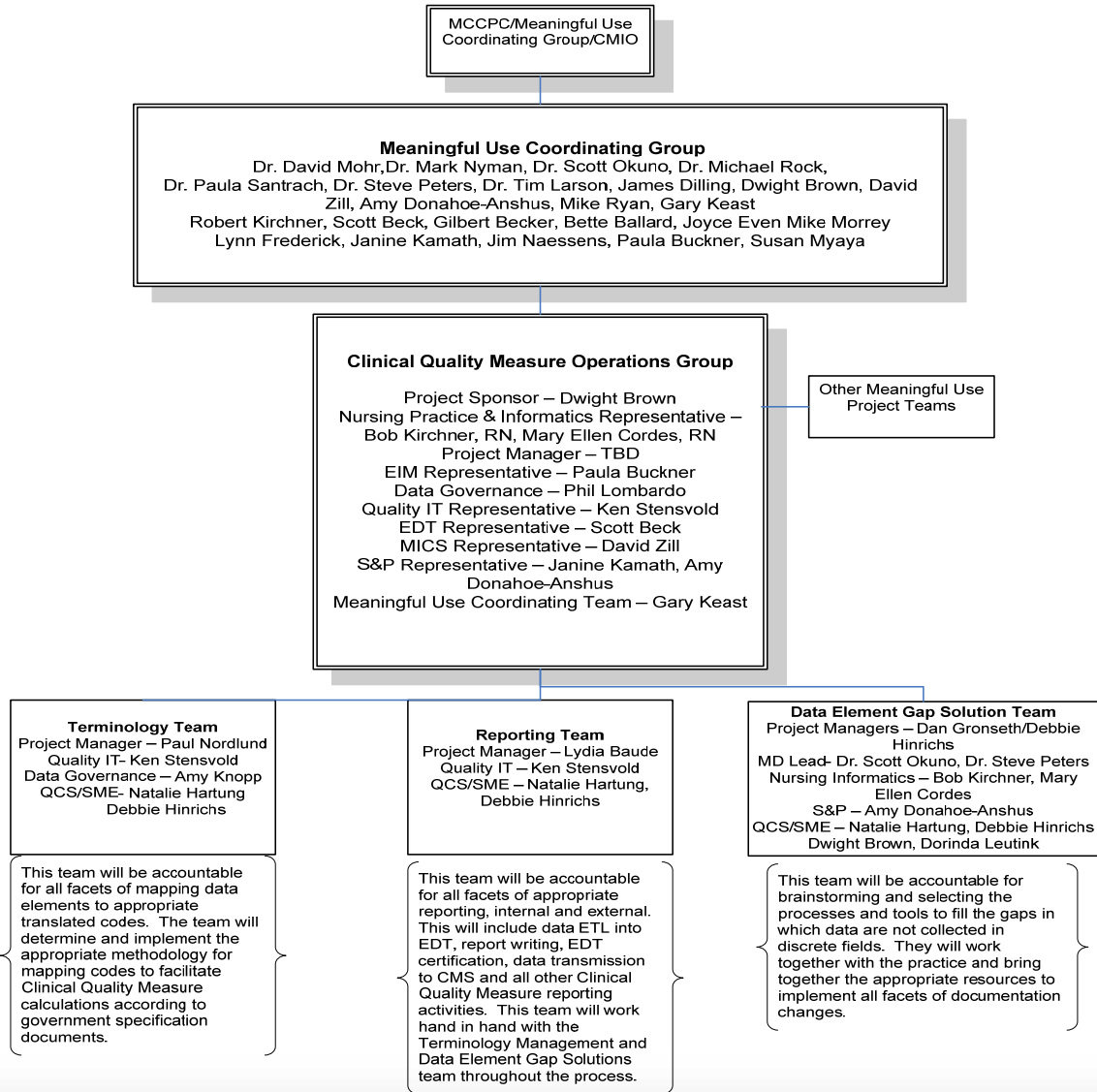
**Project Management Office**  
 Practice Administrative Leader – Susan Myaya  
 IT Administrative Leader – Mike Ryan  
 IT Planning Representative – Jeff Scherer  
 Practice Project Managers – Steve Jorgensen, Kevin Paige  
 IT Project Managers – Bette Ballard, Gary Keast, Monica Vojtek, Mark Wing



## Meaningful Use PMO activities

- **Facilitating project initiation, planning, approval, financing, and general progress**
- **ONC, CMS, and EHR research and fact-finding**
- **Communications**
  - **Communication Plan,**
  - **Presentations,**
  - **Web Site**
- **Stage II recommendation response**

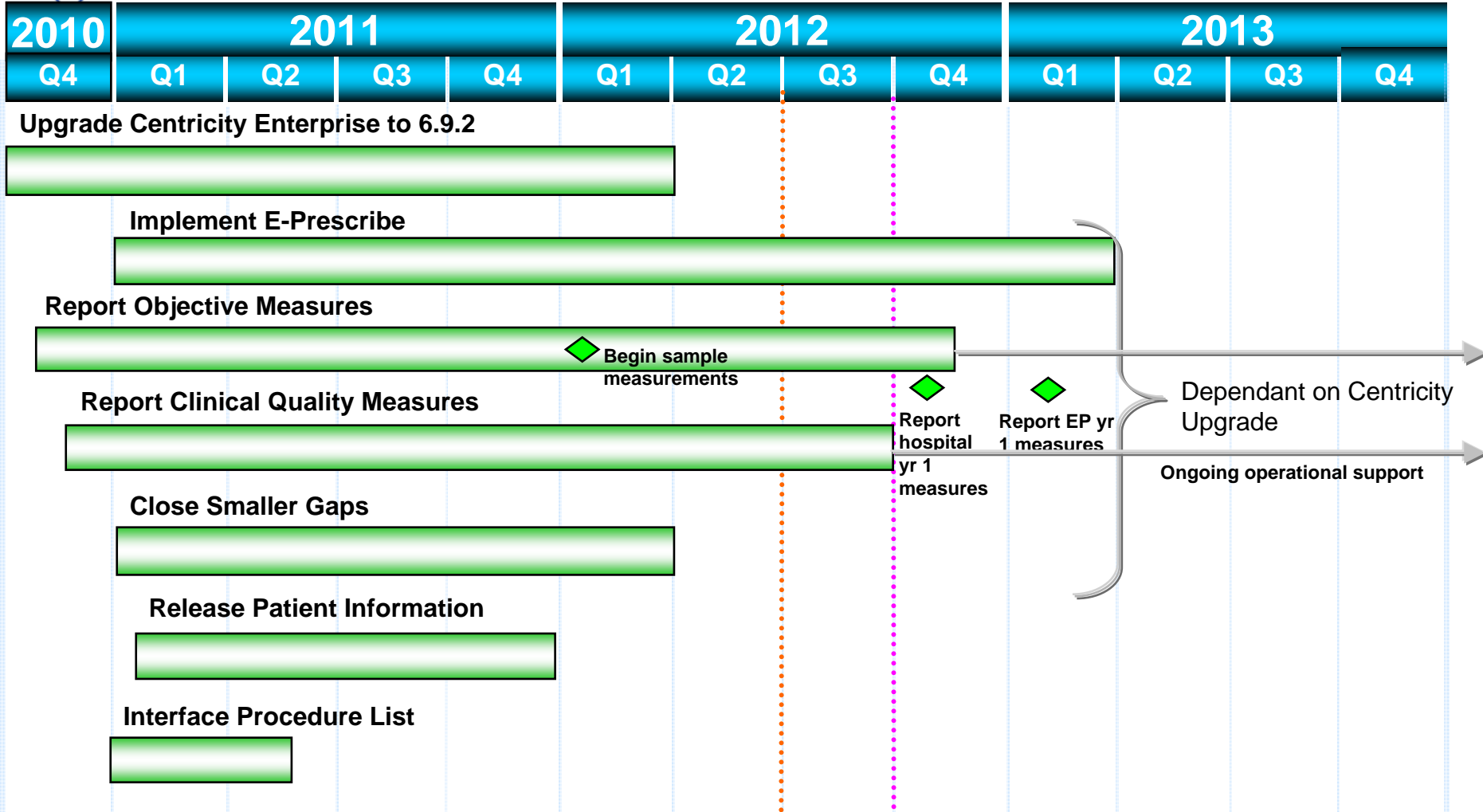
## Meaningful Use Clinical Quality Measure Implementation Team



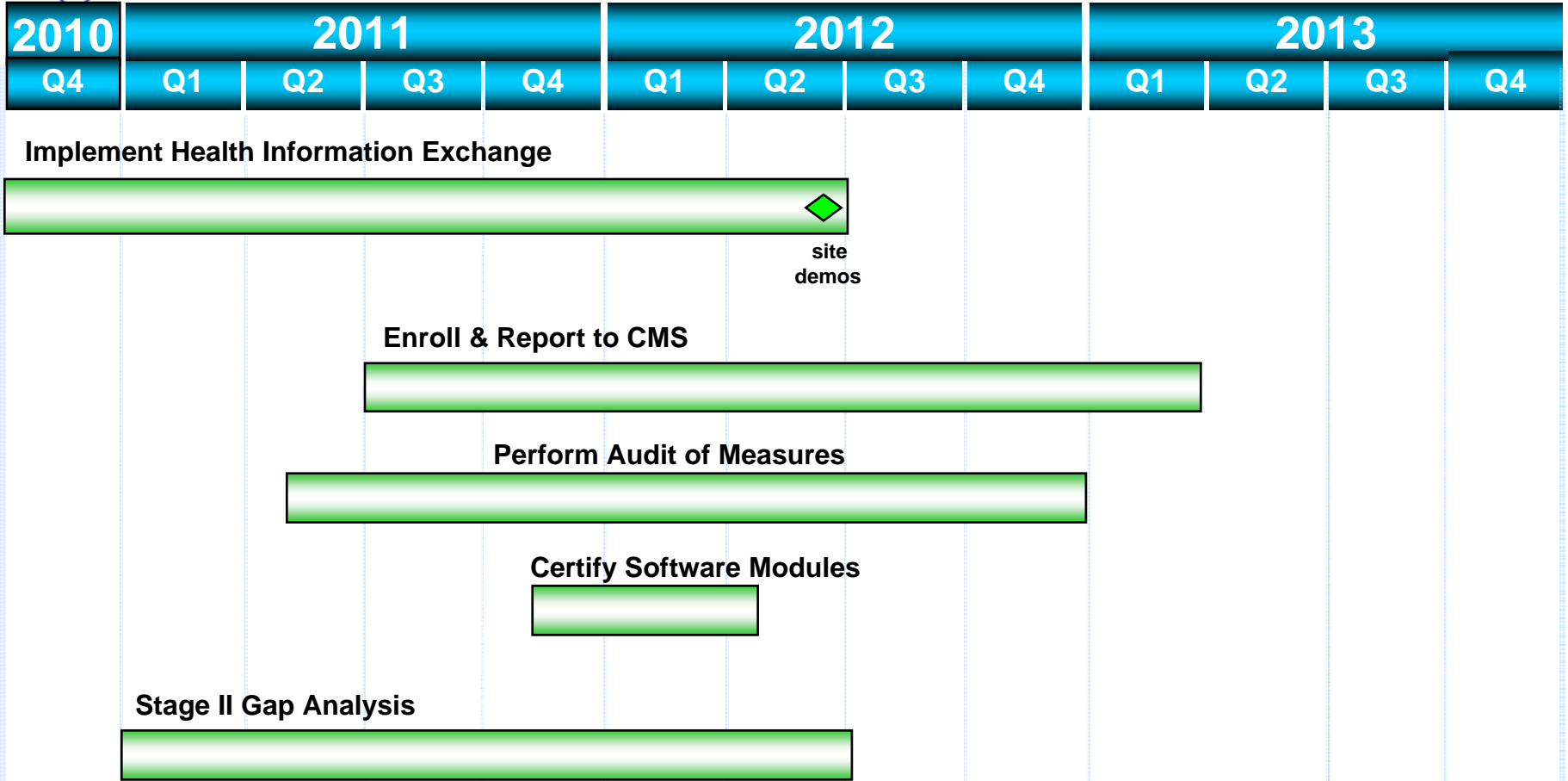
## Stage I Challenges

- Upgrade timeframes
- E-Prescribing
- Patient portal access for smaller clinics and hospitals
- Questions unanswered
- Resource contention
  - Upgrades
  - ICD-10
  - Institutional support

# Rochester Projects



# Enterprise Projects



## Planned Solutions

- **Providing Electronic Information to Patients**
  - **Promoting patient portal in Rochester**
- **Clinical Quality Measures**
  - **Certifying Enterprise Data Warehouse**
  - **Working towards limited EP set**
- **Modification of current tools and patient flows to meet CMS requirements**
  - **Example: Smoking status**

# Health Information Exchange

- **Beacon Community - 2011**
- **Collaborative Project - 2012**
  - **Kaiser Permanente**
  - **Intermountain Healthcare**
  - **Geisinger Health System**
  - **Group health Cooperative**
- **Self-developed CCD generation and respository**

# Additional Concerns

- **Interpretations**
  - **Vendor feedback**
  - **ONC-ACB feedback**
  - **External Audit**
- **Metric reporting for 2,900 EPs**
- **Specialty Practices? (Radiologists, Pathologists, etc.)**
- **2013 – Stage I rules change?**
- **Dual EP reporting in 2014**



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