



# Cleveland Neurocritical Care 2010 Walk of Life

## **The Future of Health Information Technology**

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# Health IT will Focus on:

- EHR
  - Data and Semantic Interoperability
  - Clinical decision support
  - Business Intelligence/Data warehousing
- HITECH
  - HIE
  - E-prescribing
  - Care Communications
  - PHR and other portals
- Social Media
- Payer HIT
- ACO

# Success Factors

- Governance with authority
- Rigor in planning and deployment
- Architecture – Open, transparent, and accountable
- Tracking hospital quality reporting
  - Must report on 15 quality measures for Stage 1
    - 3 areas →
      - inclusion,
      - exclusion and
      - outcomes criteria

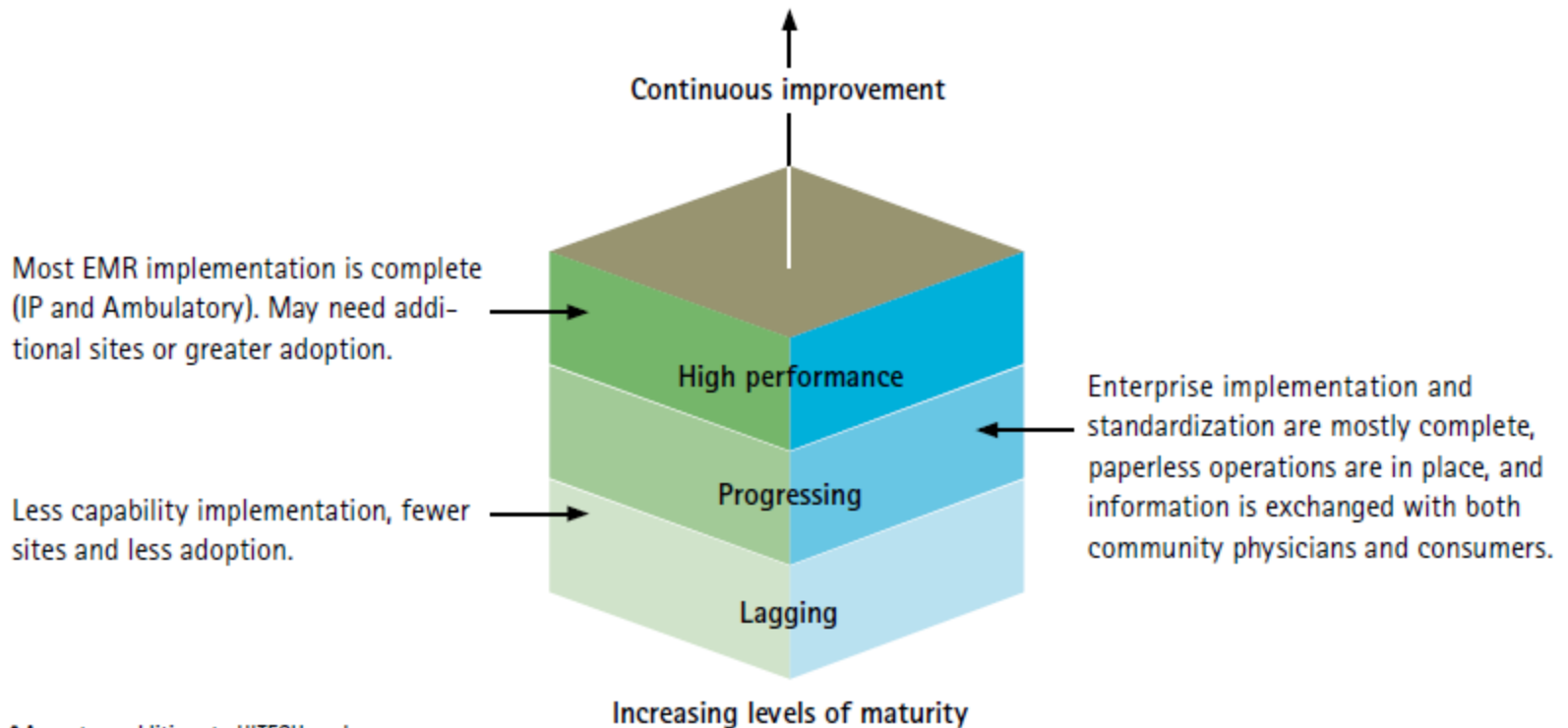
*“Changing the healthcare system is a team sport – private industry needs to pick up the baton and run with it” Blumenthal*

# Be the Difference.

- Ensure adequate privacy and security protection for personal health information
- Improved quality, safety, efficiency and reduced health disparities

- Engagement with patients and their families
- Improved care coordination
- Improved population and public health

- Reduced costs\*
- Improved clinical outcomes\*
- Improved revenue capture\*



\* Accenture additions to HITECH goals.

Electronic Medical Records present many opportunities for medical education including, but not limited to:

- Competency-based approach
- Management of patient information for medical students
- Ability provide a more complete picture of the patient in context
- Ability to flag patient records to a topic-oriented "teaching file"
- Ability to track learner encounters or procedures.
- Write and forward notes to attending, thus improving opportunities for asynchronous feedback.
- Access to preselected online learning resources and clinical guidelines

# Consumerism of Healthcare IT

## SIMPLIFY I.T.

- Faster
- Easy
- Do and complete
- Being transparent as part of the day and not something else I have to do
- Give me one place to get to the 15 systems I have to use
  - Resident groups really want immediate access in a simple format
  - Make it user friendly and in a form factor that someone wants to use--- they will find ways around it
  - User interface changes and systems to create the consistent mosaic for how people want to use data
  - Data junkies – has to be simple and sound bites

Govt forced innovation to protect data in an environment that is consumer driven

**Social media** and integrating healthcare into it safely.

**Data compression** -- HUGE (**Green Bytes**) compressing medical information into smaller vols to afford the less expensive storage environments

**Cloud computing** is great but not yet there.

- Can't store data safely and know it is safe – availability , ease of use, active care management
- In research, this is a more important solution