

Health Information Technology Infrastructure: Improving Quality, Access, and Affordability

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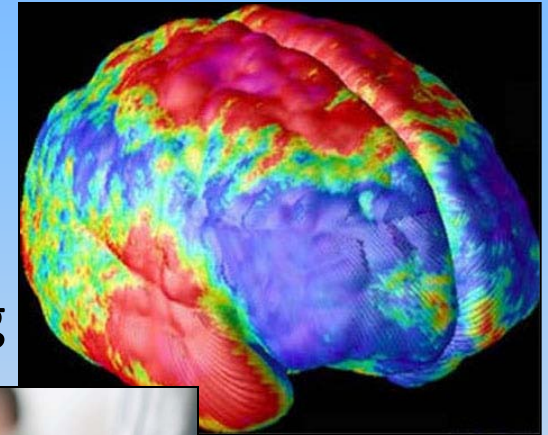
Overview



- Personal experience with health IT
- How IT has affected local healthcare systems
- The future of healthcare and the vital role that IT will play
- Virginia's response to the American Recovery and Reinvestment Act of 2009

The Role of IT in Medical Practice

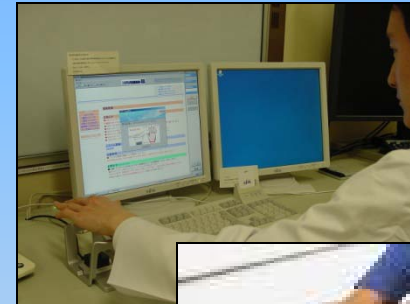
- Patient scheduling and registration
- Medical records and transcription
- Acquisition of lab work and medical imaging
- Digitization of EEG, EMG/NCV
- Operating room monitoring
- Acquisition of medical literature
- Teaching



Local Healthcare Systems Using IT

- Eastern Shore Rural Health

- Coordination of 5 clinics with EMR
- Drastic decrease in the redundancy of tests

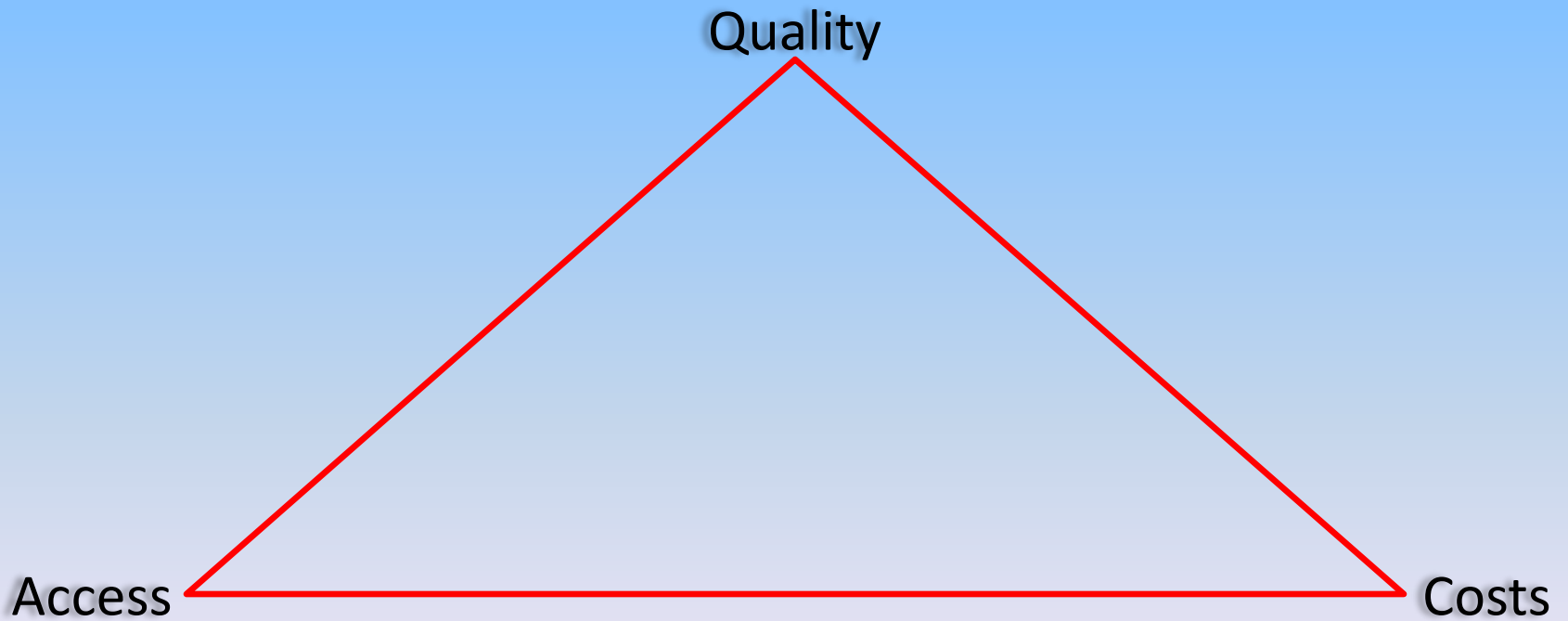


- Sentara Healthcare

- Electronic order entry and management decreases wait times and costs
- Bar coding avoids medication errors, increasing patient safety



America's Healthcare System



Quality



- Train more providers and strengthen residency programs
- Measure and incentivize outcomes, rather than quantity
- Measure and incentivize prevention and education
- Form a national institute for healthcare delivery
- Make clear recommendations for local systems
- Promote interoperable electronic health records
- Promote discussion on end of life care

Access



- Strengthen community healthcare systems
- Ensure that patients have a PCP
- Increase Medicaid reimbursement
- Cover preexisting and chronic conditions with an emphasis on prevention and education

Costs



- Decrease overutilization of expensive resources
- Encourage use of generic medications
- Use evidence-based pathways
- Reward providers for positive health outcomes
- Tort reform

The Future of our Healthcare System

- Shift to quality-based from quantity-based system
- Improved health information technology is key