

GE & GE Healthcare

Mark A Dente, MD
VP, GE Healthcare

- Founded by Thomas Edison in 1878
- The only company listed in the Dow Jones today that was in the original index in 1896
- 325,000+ employees
- \$173.4 billion in revenue in 2007
- **\$2 + billion in HEALTHCARE COSTS**



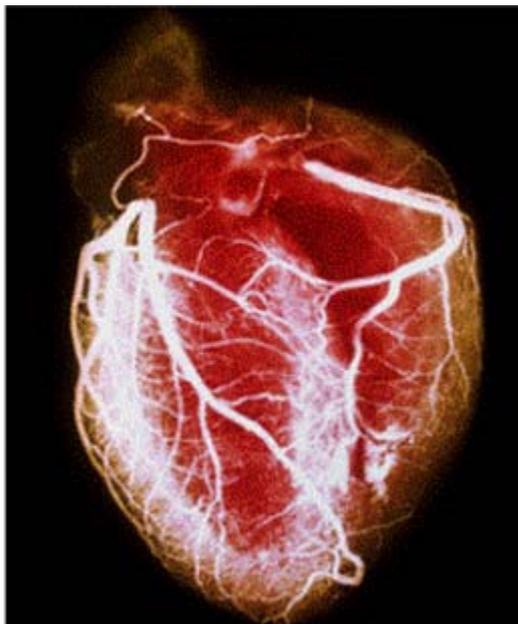


Why Healthcare Re-imagined? We need a fundamental change ...



Cancer

One person in three will have cancer



Heart Disease

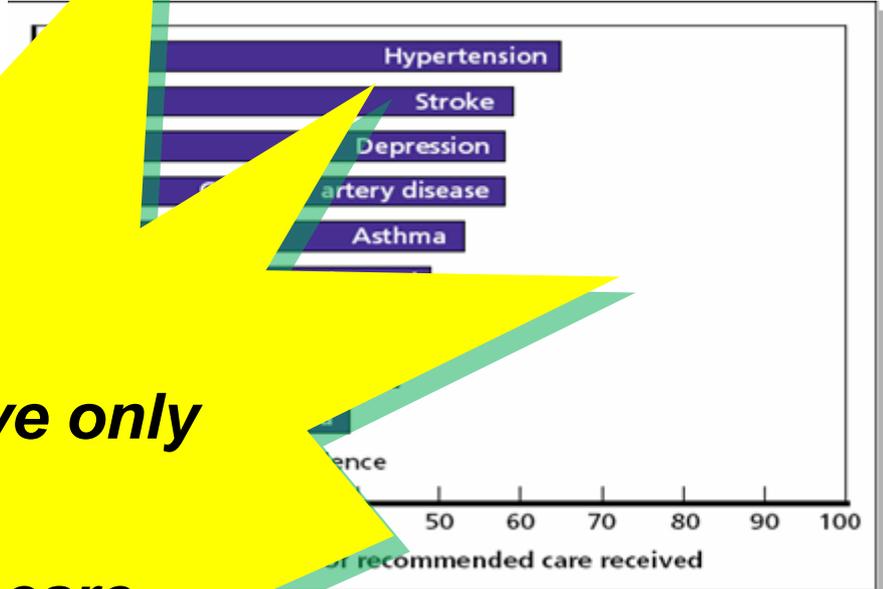
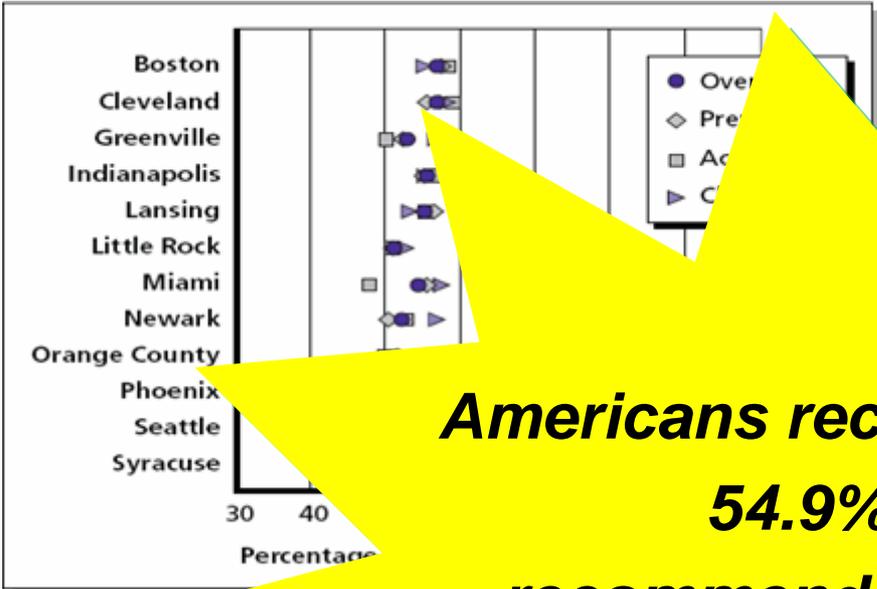
50% die after 1st heart attack



Brain Disorders

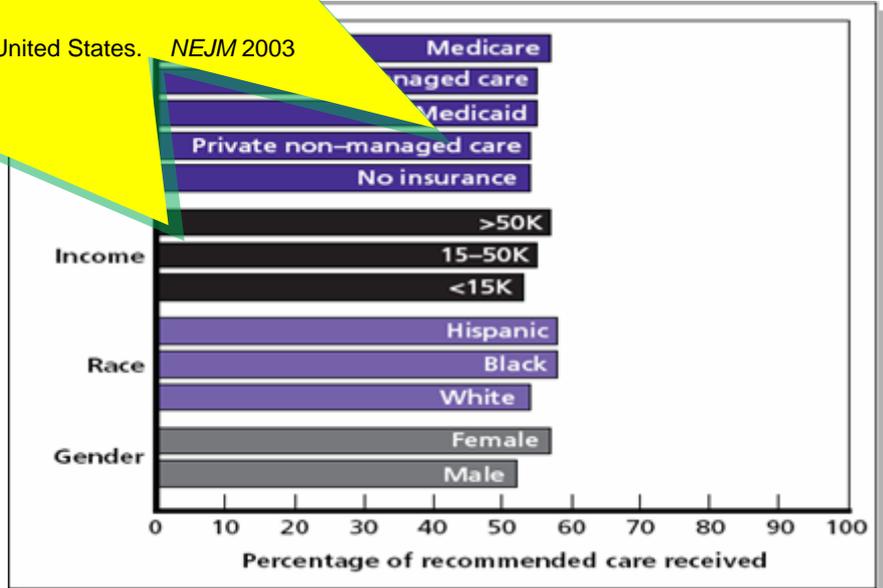
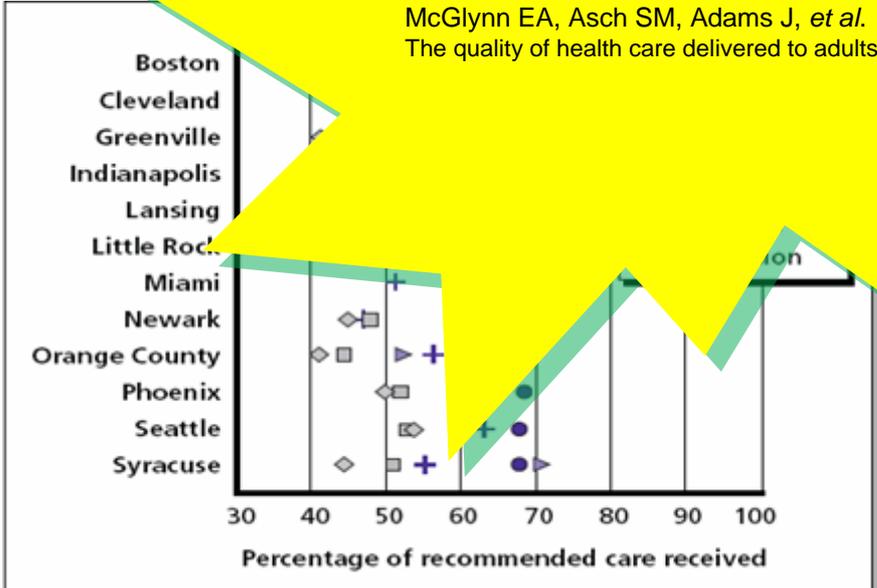
20% aged 75-84 suffer from Alzheimer's disease

How good is American health care?

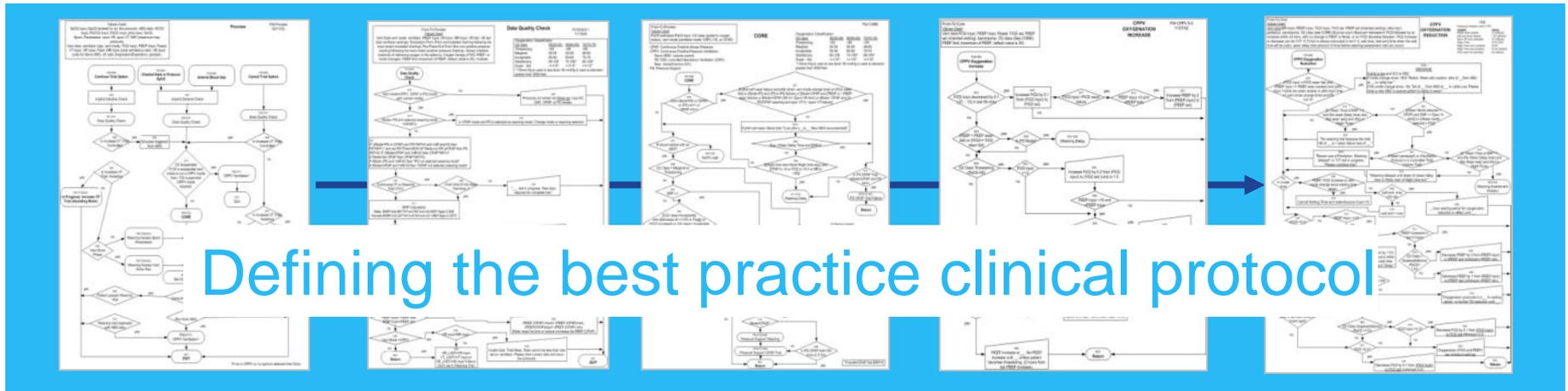
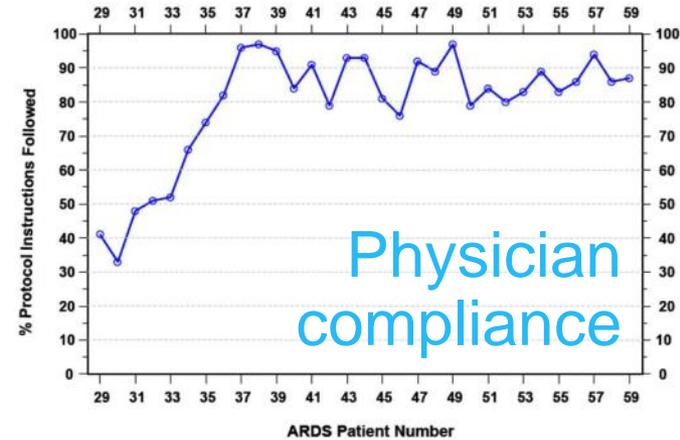


Americans receive only 54.9% recommended care

McGlynn EA, Asch SM, Adams J, et al. The quality of health care delivered to adults in the United States. *NEJM* 2003



ARDS... evidence in action



ARDS ventilator management:

Survival 9.5% → 44%
~\$120,000 less cost per case!

Value Created by Cardiology Program



Dr. Don Lappe

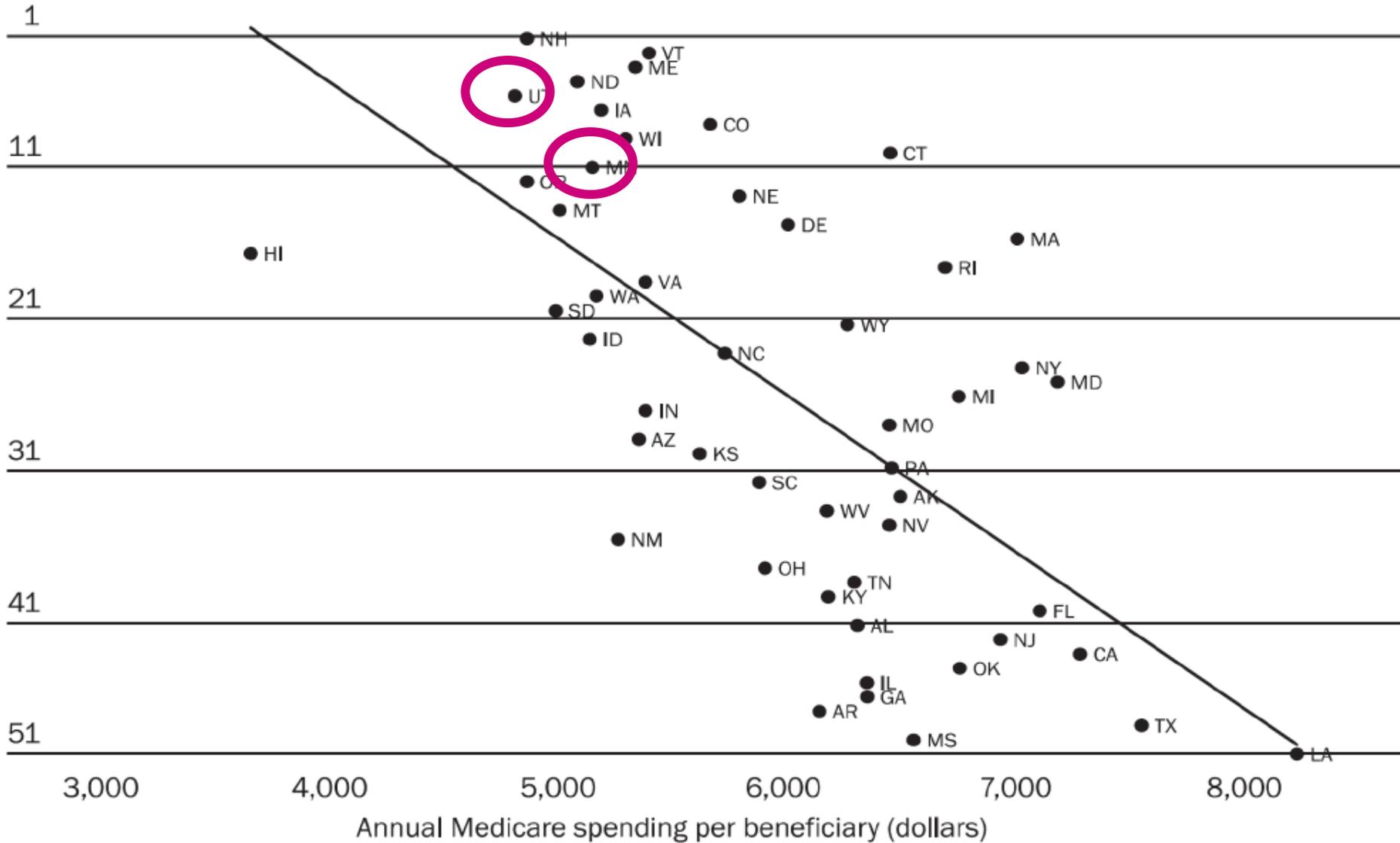
Chair, Cardiology
Program



- Impact of Discharge Med Program on Heart Failure Readmissions/Mortality
- ACE inhibitor prescription at hospital discharge increased from 65% to 95% in 5 years
- How did these Intermountain heart failure patients do?
 - One-year readmissions reduced from 46.5 % to 38.5%
 - 551 readmissions prevented per year
 - \$2,480,000 saved based on avoided readmissions
 - One-year mortality rate reduced from 22.7% to 17.8%
 - 331 lives saved per year
- Quality is cheaper, safer, better all around !

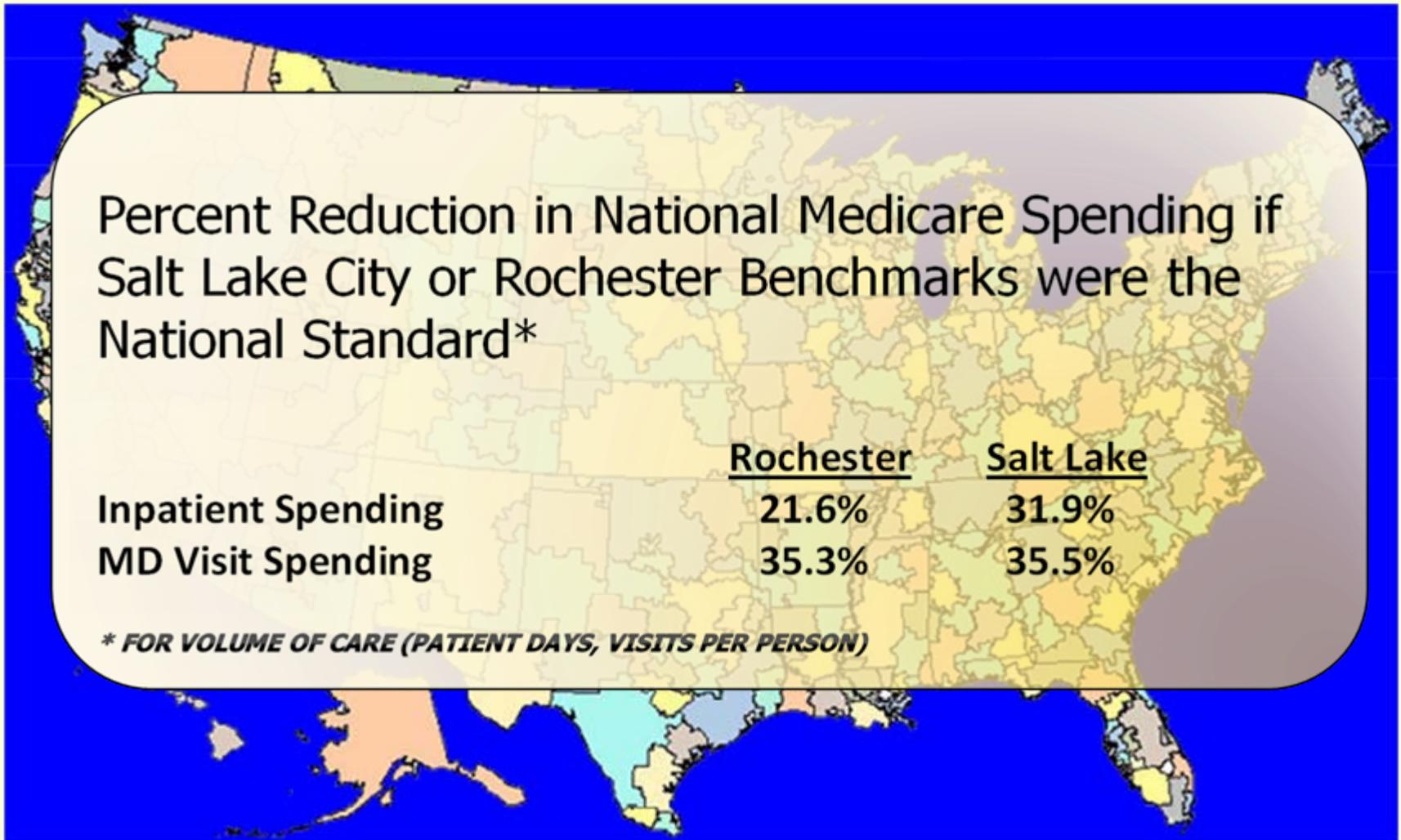
Medicare Cost vs. Quality

Overall quality ranking



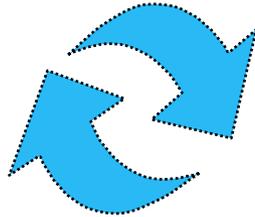
The Dartmouth Atlas Project:

306 hospital referral regions

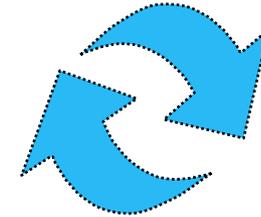


Patient Online[®] : Advancing Collaborative Care

EMPOWERING THE PATIENT



Medical Centers



NEW WORLD health systems

Referring Practice Online for: Doug Spillies

HOME Patient List All Appointment Requests All Messages Preferences Resources

Requests That Could Not Be Fulfilled

Requesting	Referred To	Submitted	Referring PCP
DANIELA JOE	ORTHOPEDIC SURGERY	07/22/2004	Miller, Edward

Send Messages

Subject	From	Regarding	To PCP
Candidate for Clinical Trial	BAKER, DAN		Miller, Edward

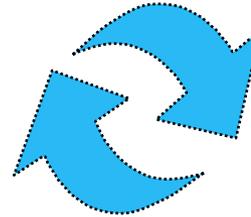
Pending Appointment Requests

Requesting	Referred To	Submitted	Referring PCP
DAVID ANDREA V. NEW	ORTHOPEDIC SURGERY	07/20/2004	Miller, Edward
MARIE ANTONIO	ONCOLOGY	07/20/2004	Miller, Edward

Examiner Schedule

Patient	Appointment	Department	PCP	Status
BRINCELA CH. MCDONALD A	7/21/2004 9:30 AM	OTOLARYNGOLOGY-HEALTH CLINIC	MILLER, EDWARD H. D.	SCHEDULED
BUTCHER LARRY	7/22/2004 9:30 AM	ONCOLOGY	MILLER, EDWARD H. D.	ARRIVED
LEWIS STEPHANIE B	7/19/2004 7:30 AM	ORTHOPEDICS	MILLER, EDWARD H. D.	ARRIVED
BOSMAN JOHN	8/2/2004 9:30 AM	ORTHOPEDICS-HEALTH CLINIC	MILLER, EDWARD H. D.	NO SHOW
WIGGILL MATTHEW J.	8/2/2004 9:30 AM	ORTHOPEDICS-HEALTH CLINIC	MILLER, EDWARD H. D.	SCHEDULED
REICHER MICHAEL	8/2/2004 9:30 AM	ORTHOPEDICS-HEALTH CLINIC	MILLER, EDWARD H. D.	CANCELLED
DEPTA WENDY	8/2/2004 9:30 AM	ORTHOPEDICS-HEALTH CLINIC	MILLER, EDWARD H. D.	NO SHOW
NEWBORN SUE J.	8/2/2004 2:30 PM	ORTHOPEDICS-HEALTH CLINIC	MILLER, EDWARD H. D.	CANCELLED
DOUGLASS TROYAL	8/2/2004 1:30 PM	ORTHOPEDICS-HEALTH CLINIC	MILLER, EDWARD H. D.	SCHEDULED
NEELAN JAYANTHI	8/2/2004 2:30 PM	ORTHOPEDICS-HEALTH CLINIC	MILLER, EDWARD H. D.	SCHEDULED
SMITH ANDREW	7/29/2004 10:30 AM	NEUROLOGY	MILLER, EDWARD H. D.	ARRIVED
LEWIS STEPHANIE B	8/3/2004 9:30 AM	ORTHOPEDICS-HEALTH CLINIC	MILLER, EDWARD H. D.	NO SHOW

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NEW WORLD health systems

New World Health Medical Center for Lori Basione

Home Front Desk Consultation Health Resources

help log out

Tip of the Day: Pay your bills online and save on postage.

Front Desk

- Appointments
- Personal Information
- Insurance
- Account Status
- Referrals
- Preferences

Consultation

- Messages
- Results and Reports
- Clinical Notes
- Medications
- Health History

Health Resources

- Maps & Directions
- Physician Directory
- Clinical Trials
- Health Encyclopedia

Updates

Message Type	Date	Provider
Is this low-carb thing for real?	06/19/2005	BAKER MD, DAN
It's flu season! Time for your flu shot.	06/19/2005	BAKER MD, DAN
Is PriLOSEC for me?	06/20/2005	BAKER MD, DAN
LS Spine X-ray	06/20/2005	BAKER MD, DAN

Since last login:



Boston Medical Center & MA-Share IHE XDS Implementation



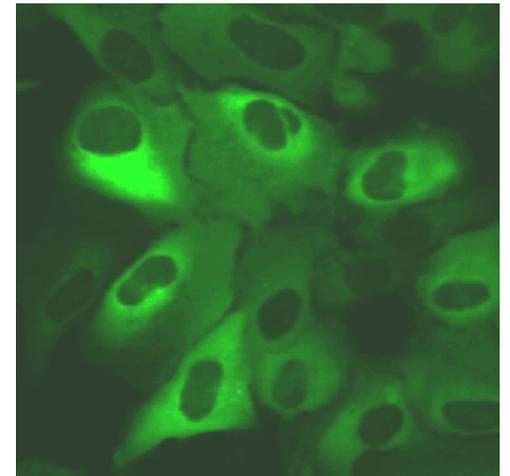
- Demonstrated at NHIN meeting in Washington, DC (01/2007)
- Integrates 9 separate EMRs in BMC community using IHE-XDS
- Includes XDS Registry, Repository, and Document Viewer
- Only EMR to show document sharing integrated into workflow



Production version to go live mid-2008

OUR OPPORTUNITY:

To Address the biggest challenges in healthcare
To Shaping a new age in medicine



THANK
YOU



imagination at work

Mark.Dente@GE.com