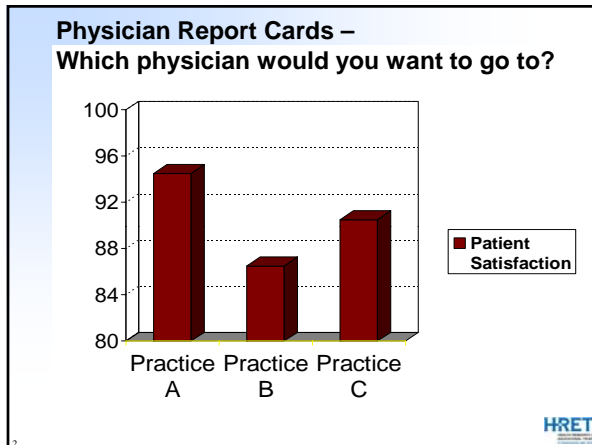
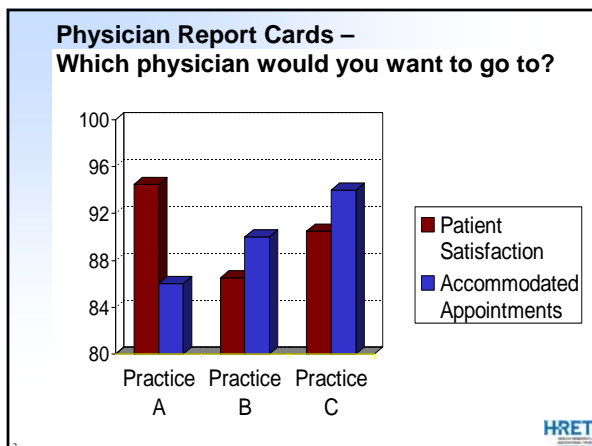
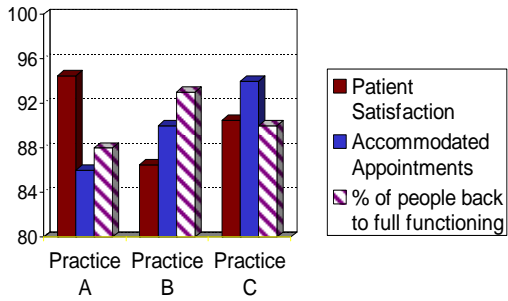

**Measurement,
Improvement and
Transparency**
 August 2009
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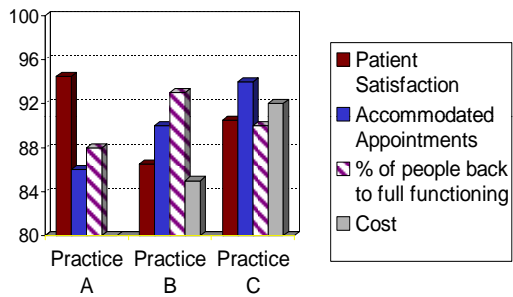


**Physician Report Cards –
Which physician would you want to go to?**



HRET

**Physician Report Cards –
Which physician would you want to go to?**



HRET

Balanced Scorecard/Dashboard

- **It is a:**
 - Translation of strategic goals relevant to your focus
 - Management tool to track performance
 - Link to accountability
 - Method to prioritize improvement
- **It is NOT:**
 - A separate quality initiative
 - A top down strategy to micro-manage
 - Another data report

HRET

Information → Management → Improvement

- Use measures at multiple levels - Health System, entity, department/unit, practice
- Evaluate trends
- Internal benchmarking/best practices
- External benchmarking/best practices
- Identify improvement opportunities
- Determine strategic priorities
- Resource investment

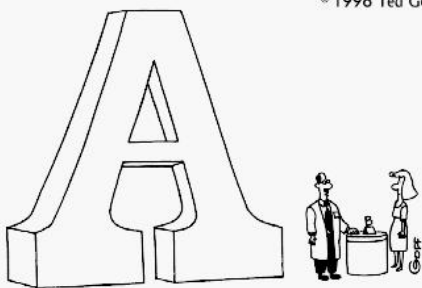


Data and Information

- One piece of data is good; a couple more tell a bigger picture
- Need to balance between different attributes of performance (for example, satisfaction versus cost)
- Data that is focused on few key, important areas is better than a lot of data in multiple, diverse areas
- Would like to know more information that makes up these key measures
- Represent relevant, major areas: Financial, Clinical Quality, Patient Experience, Community Health




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"We're conducting an experiment for management. We're rewarding A while hoping for B."



Public Reporting
Transparency of Quality Information



**“10% to 25% saw ratings,
1% to 3% used information”**



Harris Interactive Study : n=1,013



Transparency
Schneider and Epstein

19444, 1999;279:1630-1642.

Context.— Publicly released performance reports (“report cards”) are expected to foster competition on the basis of quality. Proponents frequently cite the need to inform patient choice of physicians and hospitals as a central element of this strategy.

Objective.— To examine the awareness and use of a statewide consumer guide that provides risk-adjusted, in-hospital mortality ratings of hospitals that provide cardiac surgery.

Design.— Telephone survey conducted in 1996.


Setting.— Pennsylvania, where since 1992, the Pennsylvania Consumer Guide to Coronary Artery Bypass Graft (CABG) Surgery has provided risk-adjusted mortality ratings of all cardiac surgeons and hospitals in the state.

Participants.— A total of 474 (70%) of 673 eligible patients who had undergone CABG surgery during the previous year at 1 of 4 hospitals listed in the Consumer Guide as having average mortality rates between 1% and 5% were successfully contacted.

Main Outcome Measures.— Patients’ awareness of the Consumer Guide, their knowledge of its ratings, their degree of interest in the report, and barriers to its use.

Results.— Ninety-three patients (20%) were aware of the Consumer Guide, but only 55 (12%) knew about it before surgery. Among these 55 patients, 19 reported knowing the hospital rating and 7 reported knowing the surgeon rating, 11 said hospital and/or surgeon ratings had a moderate or major impact on their decision making, but only 4 were able to specify either or both correctly. When the Consumer Guide was described to all patients, 264 (56%) were “very” or “somewhat” interested in seeing a copy, and 273 (58%) reported that they probably or definitely would change surgeons if they learned that their surgeon had a higher than expected mortality rate in the previous year. A short time window for decision making and a limited awareness of alternative hospitals within a reasonable distance of home were identified as important barriers to use.

Conclusions.— Only 12% of patients surveyed reported awareness of a prominent report on cardiac surgery mortality before undergoing cardiac surgery. Fewer than 1% knew the correct rating of their surgeon or hospital and reported that it had a moderate or major impact on their selection of provider. Efforts to aid patient decision making with performance reports are unlikely to succeed without a tailored and intensive program for dissemination and patient education.



Total physician visits per decedent during the last six months of life						
Hospital Level Rates (2001-2005)						
Hospital	Area	Population	Rates	Ratio to Benchmark	Surplus/Deficit	
HRR Average	Boston, MA	75,836	33.14	-	-	
Massachusetts General Hospital	Boston, MA	3,886	39.49	1.19	24,656	
Hospital of the University of Pennsylvania	Philadelphia, PA	1,303	37.95	1.15	6,262	
Brigham and Women's Hospital	Boston, MA	1,960	37.06	1.12	7,674	
National Average	United States	4,732,448	34.9	1.05	8,301,191	
Mount Auburn Hospital	Cambridge, MA	2,171	33.88	1.02	1,612	
Cambridge Health Alliance	Cambridge, MA	1,750	32.82	0.99	-566	
Newton-Wellesley Hospital	Newton, MA	1,751	32.23	0.97	-1,600	
Beth Israel Deaconess Medical Center	Boston, MA	2,815	30.82	0.93	-6,548	
Yale-New Haven Hospital	New Haven, CT	2,997	27.83	0.84	-15,907	
National Average	United States	4,732,448	35.81	0.76	-15,907	

Number of different physicians seen per decedent during the last six months of life						
Hospital Level Rates (2001-2005)						
Hospital	Area	Population	Rates	Ratio to Benchmark	Surplus/Deficit	
HRR Average	Boston, MA	75,836	10.33	-	-	
Hospital of the University of Pennsylvania	Philadelphia, PA	1,303	12.07	1.17	2,262	
Brigham and Women's Hospital	Boston, MA	1,960	11.93	1.16	3,142	
Massachusetts General Hospital	Boston, MA	3,886	11.71	1.13	5,349	
Beth Israel Deaconess Medical Center	Boston, MA	2,815	11.26	1.09	2,418	
Newton-Wellesley Hospital	Newton, MA	1,751	10.61	1.03	495	
Cambridge Health Alliance	Cambridge, MA	1,750	10.2	0.99	-238	
Mount Auburn Hospital	Cambridge, MA	2,171	9.77	0.95	-1,215	
Yale-New Haven Hospital	New Haven, CT	2,997	9.33	0.9	-3,017	
National Average	United States	4,732,448	8.74	0.85	-7,512,645	
Total Part B spending per decedent during the last six months of life						
Hospital Level Rates (2001-2005)						
Hospital	Area	Population	Rates	Ratio to Benchmark	Surplus/Deficit	
HRR Average	Boston, MA	75,836	5071	-	-	
Newton-Wellesley Hospital	Newton, MA	1,751	5818.55	1.15	1,308,969	
Hospital of the University of Pennsylvania	Philadelphia, PA	1,303	5414.13	1.07	447,097	
Brigham and Women's Hospital	Boston, MA	1,960	5398.3	1.06	641,510	
Massachusetts General Hospital	Boston, MA	3,886	5394.13	1.06	1,255,705	
Beth Israel Deaconess Medical Center	Boston, MA	2,815	5250.68	1.04	505,801	
Mount Auburn Hospital	Cambridge, MA	2,171	5097.9	1.01	58,411	
Yale-New Haven Hospital	New Haven, CT	2,997	4927.87	0.97	428,942	
Cambridge Health Alliance	Cambridge, MA	1,750	4862.2	0.97	-325,893	
National Average	United States	4,732,448	4597.43	0.91	-2,241,125,825	

Medicare Spending Report:								
Medicare spending during last two years of life per decedent								
Hospital Names	HCI Index	Total Medicare spending	Inpatient site of care	Outpatient site of care	Skilled nursing / Long-term care	Home health care	Hospice care	Durable medical equipment
Massachusetts General Hospital (Boston, MA)	82.2	\$78,666	\$43,058	\$11,509	\$15,149	\$4,718	\$1,503	\$900
Brigham and Women's Hospital (Boston, MA)	70.8	\$87,721	\$50,156	\$14,518	\$13,633	\$4,943	\$1,302	\$1,012
Mount Auburn Hospital (Cambridge, MA)	70.0	\$67,463	\$32,812	\$7,745	\$17,760	\$3,715	\$1,754	\$725
Cambridge Health Alliance (Cambridge, MA)	62.7	\$66,207	\$35,490	\$6,306	\$15,911	\$4,008	\$1,483	\$883
Beth Israel Deaconess Med Ctr (Boston, MA)	61.2	\$83,345	\$48,053	\$9,896	\$15,904	\$4,858	\$1,561	\$856
Emerson Hospital (West Concord, MA)	58.1	\$58,135	\$27,281	\$10,322	\$13,098	\$4,101	\$997	\$774
Boston Medical Center (Boston, MA)	50.6	\$79,672	\$47,921	\$8,774	\$12,372	\$5,579	\$1,644	\$1,096
Lahey Clinic Hospital (Burlington, MA)	46.8	\$64,571	\$32,387	\$10,173	\$13,418	\$4,176	\$1,758	\$844
Newton-Wellesley Hospital (Newton, MA)	46.5	\$68,441	\$32,195	\$10,398	\$16,877	\$4,229	\$1,385	\$1,106
Beverly Hospital (Beverly, MA)	22.6	\$57,420	\$24,768	\$8,388	\$13,074	\$4,399	\$3,136	\$857

