

# Using Electronic Data to Assess Physician Quality and Efficiency

September 29, 2006

## Resources & Background Material

The Consumer-Purchaser Disclosure Project has endorsed the creation of a full “dashboard” of publicly reported performance measures. An integral step in assessing provider performance is the collection and aggregation of data. How data are collected have important implications for the integrity and timeliness of information and the burden on providers. All data collection methods whether it is electronic data (e.g., claims, prescription drug, and laboratory data), chart abstraction, or surveys, have differing impacts on these as well as other areas.

This document lists materials and resources which provides general background on the issues as well as highlighting the multiple perspectives held by a variety of stakeholders. The presentations are copyrighted; if you would like to use information from them please contact the presenter.

### Presentations – September 29<sup>th</sup> Discussion Forum

- **Promise and Perils - Peter Lee, Co-Chair Consumer-Purchaser Disclosure Project and CEO of Pacific Business Group on Health**
  - <http://healthcaredisclosure.org/docs/files/ElectronicDataOverview092906.ppt>
- **Physician Performance Measurement - Earl Steinberg, MD, MPP, President and CEO of Resolution Health**
  - <http://healthcaredisclosure.org/docs/files/PhysicianQuality092906.ppt>
- **Efficiency Performance Measurement - Mark Rattray, MD, President of CareVariance**
  - <http://healthcaredisclosure.org/docs/files/PhysicianEfficiency092906.ppt>

### Quality and Efficiency Assessment

- AQA-HQA Parameters for Selecting Measures of Physician Performance
  - <http://www.aqaalliance.org/files/AQAParametersforSelectingAmbulatoryCare.doc>
- AQA-HQA Steering Committee Workgroups. Five workgroups developed to align performance measurement efforts across hospital and ambulatory care settings
  - [http://www.aqaalliance.org/AQA-HQA\\_WGnotice081606.htm](http://www.aqaalliance.org/AQA-HQA_WGnotice081606.htm)
- **Fisher ES et al. The Implications of Regional Variations in Medicare Spending. Part 1: The Content, Quality, and Accessibility of Care. Annals of Internal Medicine 138, 2003.**
  - <http://www.annals.org/cgi/reprint/138/4/273.pdf>
- **Pacific Business Group on Health & Lumetra. Advancing Physician Performance Measurement: Using Administrative Data to Assess Physician Quality and Efficiency. September 2005**

Note: Bolded documents were provided to in-person participants.

- [http://www.pbgh.org/programs/documents/PBGHP3Report\\_09-01-05final.pdf#search=%22%22Advancing%20Physician%20Performance%20Measurement%22%22](http://www.pbgh.org/programs/documents/PBGHP3Report_09-01-05final.pdf#search=%22%22Advancing%20Physician%20Performance%20Measurement%22%22)

### **Quality Assessment**

- Glance LG et al. Accuracy of Hospital Report Cards Based on Administrative Data. Health Services Research 41(4), 2006
  - <http://www.blackwell-synergy.com/doi/abs/10.1111/j.1475-6773.2006.00554.x?cookieSet=1&journalCode=hesr> (requires subscription for full text)
- **Iezzoni, LI. Assessing Quality Using Administrative Data. Annals of Internal Medicine 127(8), 1997**
  - [http://www.annals.org/cgi/content/full/127/5\\_Part\\_2/666](http://www.annals.org/cgi/content/full/127/5_Part_2/666)
- MacLean CH et al. Comparison of Administrative Data and Medical Records to Measure the Quality of Medical Care Provided to Vulnerable Older Patients. Medical Care 44(2), 2006
  - <http://www.lww-medicalcare.com/pt/re/medcare/abstract.00005650-200602000-00007.htm;jsessionid=FhZQfv5s8J7ZLyrxnJTLJR1vzvL3ypld7wQyPDKTdD1VNC7JRYXsl1513079044!-949856145!8091!-1> (requires subscription for full text)
- Randolph WM et al. Using Medicare Data to Estimate the Prevalence of Breast Cancer Screening in Older Women: Comparison of Different Methods to Identify Screening Mammograms, Health Services Research 37(6), 2002
  - <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=1464039>
- Roos et al. Strengths and Weaknesses of Health Insurance Data Systems for Assessing Outcomes. IOM's Modern Methods of Clinical Investigation, National Academies Press, 1990.
  - <http://darwin.nap.edu/books/0309042860/html/48.html>
- **Steinberg EP et al. Impact of Claims Data Research on Clinical Practice. International Journal of Technology Assessment in Health Care 6, 1990**
  - Not available on internet - obtaining permission to post at [healthcaredisclosure.org](http://healthcaredisclosure.org)
- Wennberg JE et al. Use of Medicare Claims Data to Monitor Provider-Specific Performance Among Patients with Severe Chronic Illness. Health Affairs Web Exclusive, October 2004
  - <http://content.healthaffairs.org/cgi/content/abstract/hlthaff.var.5>
- Whittle et al. Accuracy of Medicare Claims Data for Estimation of Cancer Incidence and Resection Rates Among Elderly Americans. Medical Care 29(12), 1991
  - Not available on internet - obtaining permission to post at [healthcaredisclosure.org](http://healthcaredisclosure.org)

### **Efficiency Assessment**

- AcademyHealth. Findings Brief - Evaluating the Cost Efficiency of Specialist Physicians. July 2006
  - <http://www.hcfo.net/pdf/findings0706.pdf#search=%22AcademyHealth%20Findings%20brief%20evaluating%20cost%20efficiency%22>
- AQA Principles of "Efficiency" Measures
  - <http://www.aqaalliance.org/files/PrinciplesofEfficiencyMeasurementApril2006.doc>

- **Consumer-Purchaser Disclosure Project. More Efficient Physicians: A Path to Significant Savings in Health Care, July 2003**
  - <http://www.pbgh.org/programs/documents/MedicareSavingsviaPhysicianEfficiency.pdf#search=%22%22Path%20to%20Significant%20Savings%20in%20Health%20Care%22%22>
- **The Leapfrog Group & Bridges To Excellence. Measuring Provider Efficiency Version 1.0. December 2004**
  - [http://www.bridgestoexcellence.org/bte/pdf/Measuring\\_Provider\\_Efficiency\\_Version1\\_12-31-20041.pdf#search=%22Leapfrog%20Measuring%20Provider%20%22](http://www.bridgestoexcellence.org/bte/pdf/Measuring_Provider_Efficiency_Version1_12-31-20041.pdf#search=%22Leapfrog%20Measuring%20Provider%20%22)
- **Medicare Payment Advisory Commission. Chapter 1: Using Episode Groupers to Assess Physician Resource Use. Report to the Congress on Increasing the Value of Medicare, June 2006**
  - [http://www.medpac.gov/publications%5Ccongressional\\_reports%5CJun06\\_Ch01.pdf#search=%22MedPac%20Using%20Episode%20Groupers%20to%20Assess%22](http://www.medpac.gov/publications%5Ccongressional_reports%5CJun06_Ch01.pdf#search=%22MedPac%20Using%20Episode%20Groupers%20to%20Assess%22)
- Medicare Payment Advisory Commission. Chapter 3: Issues in Physician Payment Policy. Report to the Congress on Medicare Payment Policy, March 2005
  - [http://www.medpac.gov/publications/congressional\\_reports/Mar05\\_Ch03.pdf](http://www.medpac.gov/publications/congressional_reports/Mar05_Ch03.pdf)
- Wennberg JE et al. Geography and the Debate over Medicare Reform. Health Affairs Web Exclusive, February 2002.
  - <http://content.healthaffairs.org/cgi/reprint/hlthaff.w2.96v1>

### **Medicare/Federal Policy**

- **Executive Order: Promoting Quality and Efficient Health Care in Federal Government Administered for Sponsored Health Care Programs. August 22, 2006**
  - <http://www.whitehouse.gov/news/releases/2006/08/20060822-2.html>
- **Taylor NE & Eck WB. It's Time for CMS to Release Physician Medicare Claim Information. Managed Care, March 2006**
  - <http://www.managedcaremag.com/archives/0603/0603.disclosure.html>
- **Grassley & Baucus. Medicare Data Access and Research Act (S.3897), Introduced 9/14/06.**
  - <http://healthcaredisclosure.org/docs/files/MedicareDataAccessandResearchAct.pdf>
- **Gregg. Medicare Quality Enhancement Act of 2006 (S.3900), Introduced 9/14/06.**
  - <http://healthcaredisclosure.org/docs/files/MedicareQualityEnhancementAct.pdf>
- **Leavitt MO. Better Care, Lower Costs: Prescription for Value-Driven Health System, September 2006**
  - <http://www.hhs.gov/transparency/transparencybookletfinal.pdf>