

# Registries - what are they? Where are they? Why participate?

Sheila Richmeier, MS, RN, FACMPE  
Payor Relations Roundtable  
April 28, 2011 at 7:30 a.m.

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## What is a registry?

- Software application
- Function
  - Capturing
  - Managing
  - Providing access to information
  - Providing a list of patients
  - Supporting organized clinical care

Integrates patient information in different formats and from many different systems and applications to accurately link disparate records for the patient, regardless of where the patient seeks care.

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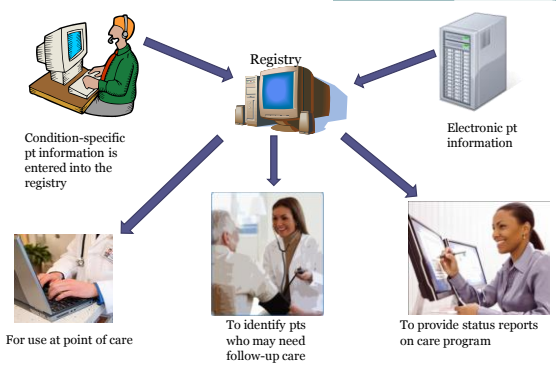
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## Data sources

- Health care provider #1
- Health care provider #2
- Hospital #1
- Pharmacy
- Lab / radiology
- Claims

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## Types of registries

- Population or chronic disease registries
  - Condition specific information
- Procedure registries
  - specific medical procedure, such as mammography or coronary artery bypass graft surgery.
- exposure registries
  - exposure to hazardous substances in the workplace or environment
  - higher prevalence of inherited diseases

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## Chronic disease registries

- Regular **follow-up** by the care team
- Embed **evidence based** medicine
- Integrate & **coordinate** specialist expertise and primary care
- Provide timely **reminders** for providers and patients
- Identify relevant **subpopulations**
- Facilitate individual patient **care planning**
- **Monitor performance** of practice team and care system

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## Characteristics

- Homegrown or commercial
- Sponsorship
- Single or multiple conditions
- Stand alone or integrated into EMR
- Source of patient information
  - Manual or electronic entry
- Ability to configure data and reports

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## Examples of clinical measures

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| <ul style="list-style-type: none"> <li>• <u>Prevention</u></li> <li>• Childhood</li> <li>• Mammography</li> <li>• Cervical Cancer Screenings</li> <li>• Well Child Visits, 3-6 years</li> <li>• Recorded BMI Level</li> <li>• Chlamydia Screenings</li> </ul> | <ul style="list-style-type: none"> <li>• <u>Chronic Disease</u></li> <li>• Diabetes: Controlled HbA1c</li> <li>• Diabetes: Controlled LDL-C</li> <li>• Diabetes: Annual Retinal Eye Exam</li> <li>• Diabetes: Monitoring for Nephropathy</li> <li>• Diabetes: Controlled Blood Pressure</li> <li>• Hypertension: Controlled Blood Pressure</li> <li>• Asthma: Medication Management</li> <li>• Bronchitis: Avoidance of Antibiotic Usage</li> </ul> |
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## Process vs. outcome measure

- Process measure – are you doing the process?
  - Obtaining BMI
  - Hbg A1C once a year on all diabetics
  - BP check once every year
- Outcome measure – what are the results? And are they good enough?
  - BMI under 25
  - Hbg A1C under 7
  - BP check below 140/90

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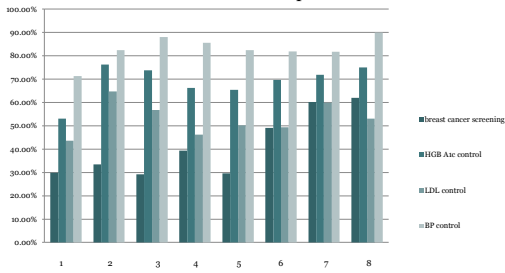
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## Outcome reporting - system

Clinical Measures Practice Comparison



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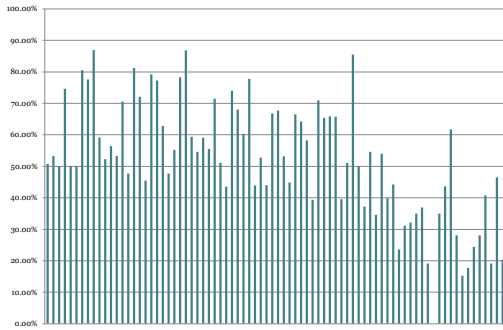
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Provider comparison: Breast Cancer Screening



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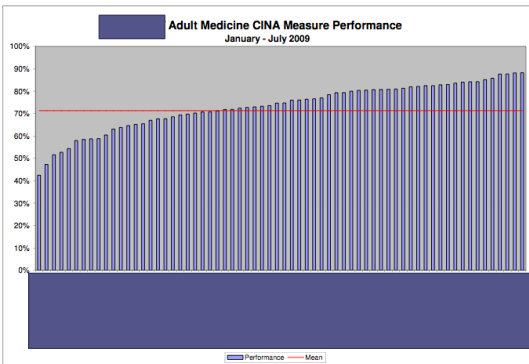
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Adult Medicine CINA Measure Performance  
January - July 2009



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## Getting started

- Data set
  - Evidence based guidelines
    - Preventive or chronic disease measures
  - What do you want to track?
    - What are you being measured on now?
  - Where is the data?
    - EMR
    - Lab
    - Hospital
    - Immunization registries

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## Getting started

- Identifying patients/conditions to track
- Ensuring data quality
- Implementing care management protocols with team
  - Pre-visit planning
  - Structured visit
  - Care plan update
  - Patient engagement

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## Resources

- *Using Computerized Registries in Chronic Disease Care*, California Healthcare Foundation
- *Chronic Disease Registries: A Public Review*, California Healthcare Foundation
- *Achieving Meaningful Use of Healthcare Information Technology*, Initiate

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## Questions?

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