


# Clinical Quality Measures from EHRs – Oregon experience

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# Background

- Claims-based measures (e.g., HEDIS) are *well-defined* but *limited*.
- The EHR *could* provide efficient *clinical quality measurement*.
- Quality measurement using an EHR can vary by 2% to 23% from *clinical chart reviews*. 
- Even with EHRs, <25% of clinics reported the ability

# Background and Setting

- In Oregon as part of a state-wide quality improvement project:
- We selected a set of *clinical quality measures* by consensus
  - from standards – NQF-approved, Physician Consortium for Performance Improvement (PCPI) generated.
- We needed to *define* these measures further by examining the vocabulary elements required and the EHR experience.

# Study question

- Is it *Feasible* for clinics to generate their own quality measures from the EHR?
- ... will it be *Reliable* across clinics?

# Methods

- We developed a survey that asked
  - Experience with EHR
  - Experience with clinical quality measurement (from AAFP version)
  - Specific experience and technique for *internal generation* of these quality measures
- We electronically administered the survey to medical directors of clinics and organizations



# Results

