

## Overview

- State of the quality of care
- Definitions and operationalization of quality measurement and improvement
- Quality measures

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- Role of information technology (IT) and informatics
- Results of current approaches
- Challenges, limitations, and ethical issues
- Quality measurement and improvement under meaningful use

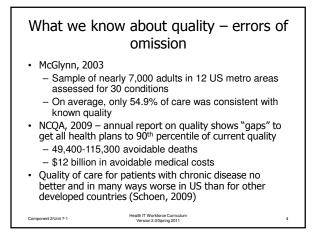
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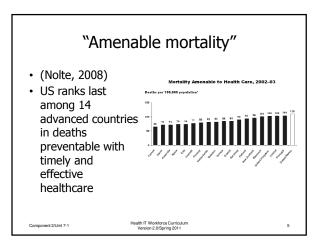
## Healthcare quality – as good as could be?

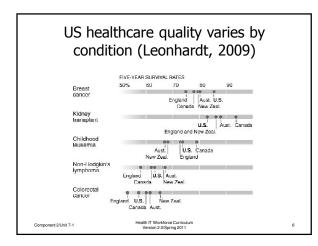
- Correct things not done errors of omission
- Incorrect things done errors of commission
- Variation in care no relationship between what is done and what it costs, vs. its quality

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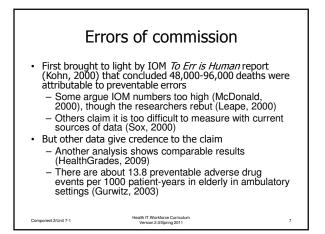
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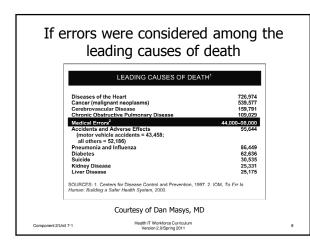














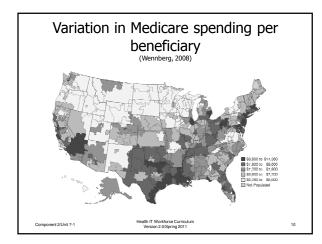
## Related to quality is variation in services

- Dartmouth Atlas of Health Care www.dartmouthatlas.org
- Variation in chronic illness care is so substantial that reducing level to most efficient providers could reduce expenditures by 30% (Wennberg, 2006)
- Healthcare costs vary widely by region (Fisher, 2009); explained mainly by physician characteristics (Sirovich, 2008)
- Came to light in 2009 healthcare reform debate (Skinner, 2009), popularized by Gawande (The New Yorker, 2009)

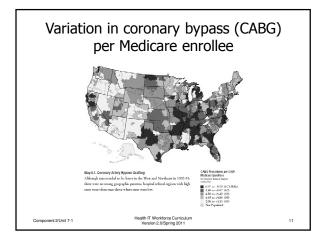
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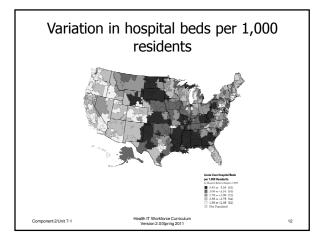
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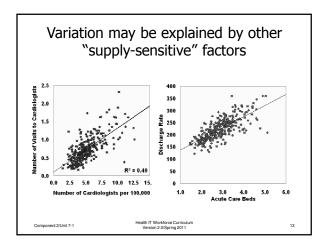




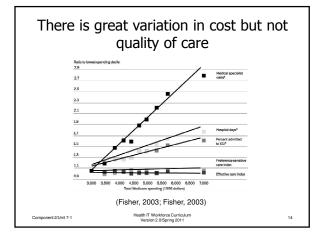




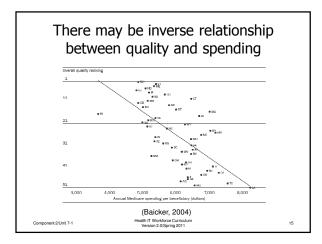














## More on, more is not better More care of chronic diseases not associated with longer life or better quality of life (Wennberg, 2008) Hospital-lavel analysis continues to support

- Hospital-level analysis continues to support notion that there is no or a negative correlation between amount of spending vs. quality (Yasaitis, 2009)
- Lower-cost hospitals have modestly lowerquality care but comparable risk-adjusted mortality (Jha, 2009)

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