Public Health and Environmental Vision Section

Health Care System, Health Care Economics

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Learning Objectives:

1) Review key terminology and models related to U.S. health care delivery systems
2) Review the U.S. healthcare delivery system
3) Review the U.S. health care reform landscape
4) Understand current approaches to improving quality in heath care
5) Review key definitions, descriptions and terminology related to public health economics
6) Understand the types and appropriate role of cost-effectiveness and economic analyses in the policy making process
7) Review role of economic evaluations related to health and public health interventions
8) Understand the role of the public health/health economist and related statistical and other analytic modeling tasks necessary to conduct cost effectiveness analyses
9) Understand current approaches to reducing costs in health care
10) Review the basics of interpretation of economic evaluations and analyses for policy purposes
11) Understand QALYs (quality adjusted life years) and the role of QALYs in health economics
12) Understand utilities, patient preferences, and emerging use of QALYs in shared decision making (SDM)
13) Review interactions from a national and international perspective

Outline

I. Introduction
II. U.S. health care delivery system
    a. Historical milestones
    b. terminology
    c. components
    d. other dimensions
        i. quality, efficiency, acceptability, equity
        ii. "the five C's": cost, coverage, consistency, complexity, chronic illness

III. U.S. health care reform landscape
   a. Patient Protection and Affordable Care Act (ACA)
   b. HITECH and meaningful use
   c. Accountable care organizations (ACO) and patient centered medical homes (PCMH)
IV. Current approaches to quality improvement in heath care
   a. Chronic disease management, primary care coordination and health information technology (HIT)
   b. Comparative effectiveness research (CER)
V. Understanding public health economics
   a. definitions
   b. descriptions
   c. health markets, insurance, and managed care
   d. users, settings and treatments/technology
VI. Understanding cost-effectiveness and economic analyses
   a. Classification
   b. Applications
   c. Impact on policy making process
   d. Role of economic evaluations as related to health/public health interventions
   e. Decision Psychology and Shared Decision Making
   f. Health Services, Outcomes and Policy Research
   g. Patient and Stakeholder Preferences and Engagement
VII. Current approaches to reducing costs in health care
VIII. Basic interpretation of economic evaluations and analyses
IX. QALYs (quality adjusted life years) and the role of QALYs in health economics
   a. Utilities/patient preferences
   b. Using QALYs in policy making
   c. Using QALYs in shared decision making (SDM)
X. Review interactions from a national and international perspective