NCI Activities Related to Health Economics Research

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Future of Cancer Health Economics Research Conference
Healthcare Delivery Research Program (HDRP)

- Established January 2015
- Combined 2 branches from the Applied Research Program and 1 from the Behavioral Research Program
- Goal for formation of HDRP: scale up NCI’s efforts in this domain to respond to the many demands for more and better evidence concerning the quality of care and cancer care outcomes

https://healthcaredelivery.cancer.gov   @NCICareDelivRes
Extramural Divisions at NCI

- Division of Cancer Control and Population Sciences
  - Behavioral Research Program
  - Epidemiology and Genomics Research Program
  - Healthcare Delivery Research Program
  - Surveillance Research Program
  - Office of the Director

- Division of Cancer Biology

- Division of Cancer Prevention

- Division of Cancer Treatment and Diagnosis

- Office of the Director
  - Center for Cancer Training
  - Center for Global Health
  - Center to Reduce Cancer Health Disparities
  - Office of HIV and AIDS Management
Our mission is to advance innovative research to improve the delivery of cancer-related care.

https://healthcaredelivery.cancer.gov @NCICareDelivRes
HEALTHCARE DELIVERY RESEARCH PROGRAM
Advancing innovative research to improve the delivery of cancer-related care.

HEALTHCARE ASSESSMENT
Assess utilization, access, diffusion, and effectiveness in community settings

HEALTH SYSTEMS & INTERVENTIONS
Observe and intervene on behavior and context

OUTCOMES
Evaluate and improve patient experiences and health outcomes
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Formerly “Health Services and Economics”
HSEB Then…
NIH Priorities for Health Economics Research

NIH especially interested in “health economics research designed to understand how innovations … can be most effectively deployed to improve health and well-being”, including

- Determining the impact of financial and non-financial incentives on health-related behaviors, healthcare utilization, and health outcomes.
- Assessing how environmental, social, economic, and other factors affect health status, health-related behaviors, healthcare utilization, health outcomes, health disparities, and responses to interventions.

“NIH will continue to accept applications involving health economics research in which health outcomes and health-related behaviors are the primary focus, and the connection between the subject(s) of the study and improved understanding of health are clear and explicit.”

Data Resources

- **SEER-Medicare**: Links Surveillance, Epidemiology and End Results (SEER) cancer registry data with Medicare FFS claims
  - Assess treatment patterns, disparities in use of care, cost of care
- **SEER-CAHPS**: Links SEER, Medicare information (FFS & Medicare HMO), and patient-reported experience of care from CAHPS survey
  - Assess multiple aspects of experience of care, prescription delays due to costs, general and mental health status related to cancer care

https://healthcaredelivery.cancer.gov/data/
Data Resources (cont.)

- **Medical Expenditure Panel Survey (MEPS) Experience with Cancer Survivorship Supplement** ([https://healthcaredelivery.cancer.gov/meps/](https://healthcaredelivery.cancer.gov/meps/)): household survey
  - Assess financial/employment outcomes, health care provider cost conversations, depression, mental status affected by cancer

- **Patterns of Care (POC)** ([https://healthcaredelivery.cancer.gov/poc/](https://healthcaredelivery.cancer.gov/poc/)): medical chart data abstraction linked to SEER registry data
  - Assess detailed treatment patterns, disparities in care, new questions on symptom assessments and patient-physician cost conversations
  - Publicly-accessible data website coming soon
Areas of Special Interest

- Financial Hardship
  - Understanding the economic effect of cancer and its treatment on patients
  - Examining contextual factors that modify financial hardship
  - Developing/evaluating multi-level interventions to mitigate financial hardship
- Employment Outcomes among Cancer Survivors

https://healthcaredelivery.cancer.gov/areas/
Thank You!

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