

Addressing the Adverse Consequences of Cancer Treatment

Session 3: Psychosocial and Socioeconomic Consequences and Data Needs

Michael T. Halpern, MD, PhD, MPH
Medical Officer, Healthcare Delivery Research Program, NCI

NCI Resources and Activities to Assist with Psychosocial and Socioeconomic Consequences of Cancer

1. Data Resources (<https://healthcaredelivery.cancer.gov/data/>)

- **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
- **SEER-MHOS:** Links SEER, Medicare HMO information, and Medicare Health Outcomes Survey (MHOS)
 - Assess QoL, symptoms, depression, ADL

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1. Data Resources (continued)

- **Medical Expenditure Panel Survey (MEPS) Experience with Cancer Survivorship Supplement** (<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/>): 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

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2. Specific Interests (<https://healthcaredelivery.cancer.gov/areas/>)

- 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
- Cancer Caregiving
- Healthcare Teams

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3. Funding Opportunities

(<https://healthcaredelivery.cancer.gov/funding/opportunities.html>) – include:

- Using Information Technology to Support Systematic Screening and Treatment of Depression in Cancer (PA-18-492)
- Surgical Disparities Research (PAR-20-079)
- Notice of Special Interest: Health Services Research on Minority Health and Health Disparities (NOT-MD-20-011)
- Intervening with Cancer Caregivers to Improve Patient Health Outcomes and Optimize Health Care Utilization (PAR-19-352/355)
- Notice of Special Interest: Research on Oral Anticancer Agents in the Contexts of Utilization, Adherence, and Health Care Delivery (NOT-CA-20-026)

NIH Priorities for Health Economics Research

<https://grants.nih.gov/grants/guide/notice-files/not-od-16-025.html>

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.

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4. Recent Activities

- *Future of Cancer Health Economics Research* Virtual Conference
 - Online conference Dec. 2 & 3, discussing challenges in conducting cancer health economics research, focusing health economics research on health equity outcomes, and enhancing the field of cancer economics research
 - Free, open to all interested
(<https://cancercontrol.cancer.gov/events/future-of-heroic>)
- Healthcare Delivery Research Program Planning
 - Examining economic drivers/cost of cancer care; systemic racism in cancer care delivery; and HIT/telehealth and cancer care delivery

Thank you!

Michael T. Halpern, MD, PhD
michael.Halpern@nih.gov