

Addressing the Adverse Consequences of Cancer Treatment

Session 3: Psychosocial and Socioeconomic Consequences and Data Needs

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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!

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