

TITLE: Implementation Research to Improve Tobacco Use Treatment in Cancer Patients

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RESEARCH PROJECT DESCRIPTION

Tobacco use among cancer survivors reduces the effectiveness of cancer treatments, increases the risk for additional primary cancers, and increases mortality. Implementation of tobacco treatment for cancer patients is challenging, but may be improved substantially with clinically-efficient solutions to accurately identify tobacco users, and connect them with evidence-based treatment. Our objective is to improve patient access and utilization of tobacco use treatment for patients of the UF Health Cancer Center (UFHCC). Further, UFHCC has a largely rural catchment area with a high burden of tobacco-related disease and mortality. We will address this research-to-practice gap using a mixed-methods approach to assess the relevant contextual factors at UFHCC and evaluate the feasibility of implementing a multi-level intervention to increase tobacco treatment utilization and improve health outcomes. We will conduct a feasibility trial to test three implementation strategies: (1) staff training and current best practices; (2) provider audit and feedback; and 3) dedicated technology-based behavioral therapy to promote improved access and utilization of tobacco use treatment. The ultimate goal of the research is to provide new knowledge to facilitate the widespread adoption, implementation, and dissemination and sustained utilization of evidence-based tobacco use treatments in cancer care settings.

Medical students will work on all aspects of the study by assisting in the development of study materials, facilitating implementation in clinical settings, assisting with focus groups and training activities, contributing to qualitative and quantitative analysis of study results, and dissemination of study findings at scientific meetings and in peer-reviewed publications.

RELEVANT PUBLICATIONS

- Salloum RG, Shenkman EA, Louviere JJ, Chambers DA. Application of discrete choice experiments to enhance stakeholder engagement as a strategy for advancing implementation: a systematic review. *Implement Sci.* 2017 Nov 23;12(1):140.
- Salloum RG, Getz KR, Tan ASL, Carter-Harris L, Young-Wolff KC, George TJ, Shenkman EA. Use of electronic cigarettes among cancer survivors in the United States. *Am J Prev Med.* 2016.