Tobacco Treatment in the Context of Lung Cancer Screening Task Group

Jamie Ostroff, PhD

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TOBACCO TREATMENT IN THE CONTEXT OF LUNG CANCER SCREENING

TOBACCO TREATMENT TASK GROUP SHOWCASE

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Tobacco Treatment in the Context of Lung Cancer Screening Task Group Members

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Guided by best practices, research findings and engagement with key stakeholders, the charge is to develop blueprints, and tools for integrating and monitoring success of implementing evidence-based tobacco treatment in the workflow of lung cancer screening.
Opportunities Identified by the Tobacco Treatment Task Group for Intervention and Influence

Identify and address gaps and barriers for implementation of evidence-based smoking cessation treatment in the context of lung cancer screening

Create blueprints and toolkits for integrating smoking cessation advice and treatment in the context of lung cancer screening workflow across various screening models

Develop and promote use of quality metrics for smoking cessation treatment processes and outcomes in the context of lung cancer screening
Tobacco Treatment Task Group Work

• Tobacco Treatment Strategic Plan Manuscript
• American College of Radiology (ACR) /Lung Cancer Screening Registry (LCSR) Collaborative Data Analysis/Writing Project
• Quality Performance Indicators of Tobacco Treatment Delivery and Outcomes
Tobacco Treatment Strategic Plan Manuscript

Tobacco Treatment in the Context of Lung Cancer Screening: White Paper from the Tobacco Treatment Task Group of the National Lung Cancer Roundtable

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Purpose:

1. Identify barriers to integration of tobacco treatment in the setting of lung cancer screening
2. Identify potential touchpoints for integration of tobacco treatment in the lung cancer screening continuum
3. Provide recommendations for better integration of high-quality tobacco treatment in the context of lung cancer screening
Primary Outcome: Provision of smoking cessation guidance by facility and state

Aims:

- To identify frequency of smoking cessation guidance provided and documentation of shared decision making
- To examine location (rural vs. urban), and screening facility characteristics associated with variation in provision of smoking cessation guidance
- To examine equity in the provision of smoking cessation guidance based on age, race/ethnicity, gender, pack-years, insurance type
- To identify variation in state-based cessation resources where rates of guidance and cessation are low
Primary Outcome: Changes in patient-reported smoking status from initial to annual scan(s)

Aims:

• To describe longitudinal patterns of change in smoking status for LDCT LCS participants.
• To identify patient demographic characteristics associated with changes in smoking status after 1+ year of annual follow-up.
• To examine the effect of patient LDCT screening results (LUNG-RADS) on changes in smoking status.
ACR/LCSR Data Analysis/Writing Project Timeline

Memorandum of Understanding secured between ACR and ACS

Research questions and table shells developed

ACR/ACS kick-off meeting for project planning

ACR currently pulling data

Writing groups established

Next steps:
- Develop paper outline
- Develop writing assignments
- Identify target completion dates
# Quality Performance Indicators and Metrics

## Landscape Assessment

- Conduct national representative assessment (survey and qualitative interviews) of LDCT screening sites
- Stratified random sample of designated lung cancer screening sites (ACR LCSR, G02 Foundation SCOE)
  - Current practices
  - Organizational priorities
  - Perceived barriers for tobacco treatment delivery
Tobacco Treatment Task Group Collaboration with other NLCRT Task Groups

- **Implementation Strategy Task Group**
  - Implementation of High Quality LCS White Paper
  - Address smoking cessation in the context of LCS

- **Stigma, Nihilism, and Survivorship Task Group**
  - Stigma Summit and Strategic Planning
  - Work Group on Complex Relationship of Tobacco and Lung Cancer Stigma

- **Policy Action Task Group**
  - Suggested wish-list of policy items to improve tobacco treatment delivery
Priority Work on the Horizon

Landscape Assessment

Conduct national representative survey
Develop and promote quality tobacco treatment metrics

Toolkit Development For Integration of Smoking Cessation in LCS

Staff training/provider education
Billing and coding
Reimbursement policy
Electronic health record resources
Patient education and support tools
Thank You