

Tobacco Treatment in the Context of Lung Cancer Screening Task Group



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NATIONAL LUNG CANCER ROUNDTABLE

TOBACCO TREATMENT IN THE CONTEXT OF LUNG CANCER SCREENING

TOBACCO TREATMENT TASK GROUP SHOWCASE

December 07, 2020

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

Jamie S. Ostroff, PhD (Chair) Memorial Sloan Kettering Cancer Center	Joelle Fathi, DNP, RN, ARNP, CTTS (Vice Chair) University of Washington
Thomas Boyle Patient Advocate, Seattle Cancer Care Alliance	Elyse Park, PhD, MPH Massachusetts General Hospital
Paul Cinciripini, PhD University of Texas MD Anderson Cancer Center	Bradley Pua, MD Weill Cornell Medicine
Angela Criswell, MA GO ₂ Foundation for Lung Cancer	Thomas Richards, MD Centers for Disease Control and Prevention
Madeline DePrimo American Lung Association	Theresa Roelke, MSN Maine Medical Center
Cliff Douglas, JD University of Michigan Tobacco Research Network	Peter Shields, MD The Ohio State University
Michael Fiore, MD, MPH, MBA University of Wisconsin	Kathryn Taylor, PhD Georgetown University Medical Center
S. Jane Henley, MSPH Centers for Disease Control and Prevention	Benjamin Toll, PhD Medical University of South Carolina
Thomas Houston, MD The Ohio State University	Brenna VanFrank, MD, MSPH Centers for Disease Control and Prevention
Hasmeena Kathuria, MD Boston University	Graham Warren, MD, PhD Medical University of South Carolina
Stephanie Land, PhD National Cancer Institute	Steven Zeliadt, PhD, MPH University of Washington

Task Group Charge

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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Madeline J. DePrimo, BA³; Tom P. Houston, MD⁴;
Hasmeena Kathuria, MD⁵; Stephanie R. Land, PhD⁶,
Elyse R. Park, PhD⁷; Bradley B. Pua, MD⁸;
Theresa M. Roelke, MSN⁹; Benjamin A. Toll, PhD¹¹;
Steve Zeliadt, PhD¹²; Robert A. Smith, PhD¹⁰;
Jamie S. Ostroff, PhD¹³

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

Working Title: Provision of Smoking Cessation Services by Patient Demographic and Facility Characteristics and by State

ACR Paper #1

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



Working Title: Longitudinal Patterns and Correlates of Smoking Cessation Among Older Smokers Seeking Low Dose Computed Tomography for Early Detection of Lung Cancer

ACR Paper #2

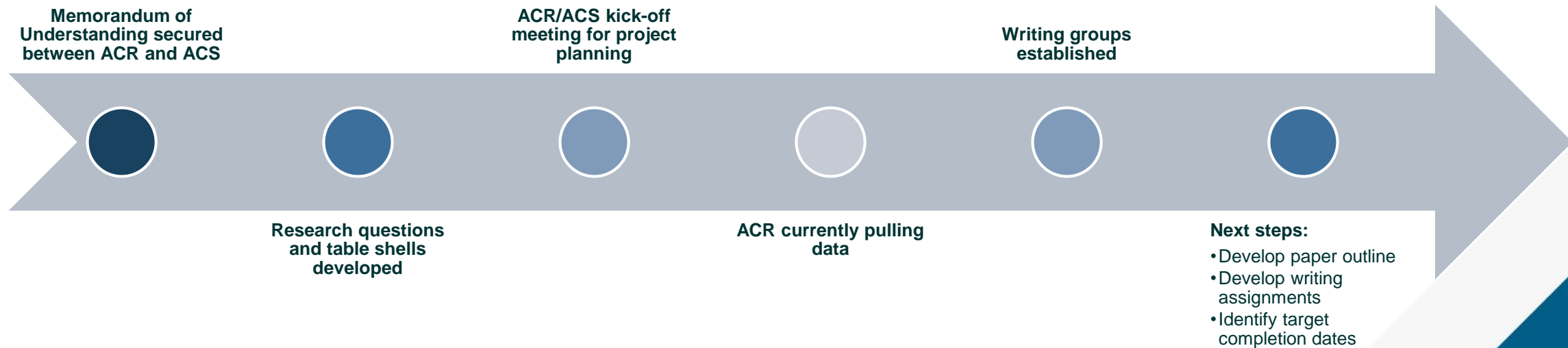
Primary Outcome: Changes in patient-reported smoking status from initial to annual scan(s)

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



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

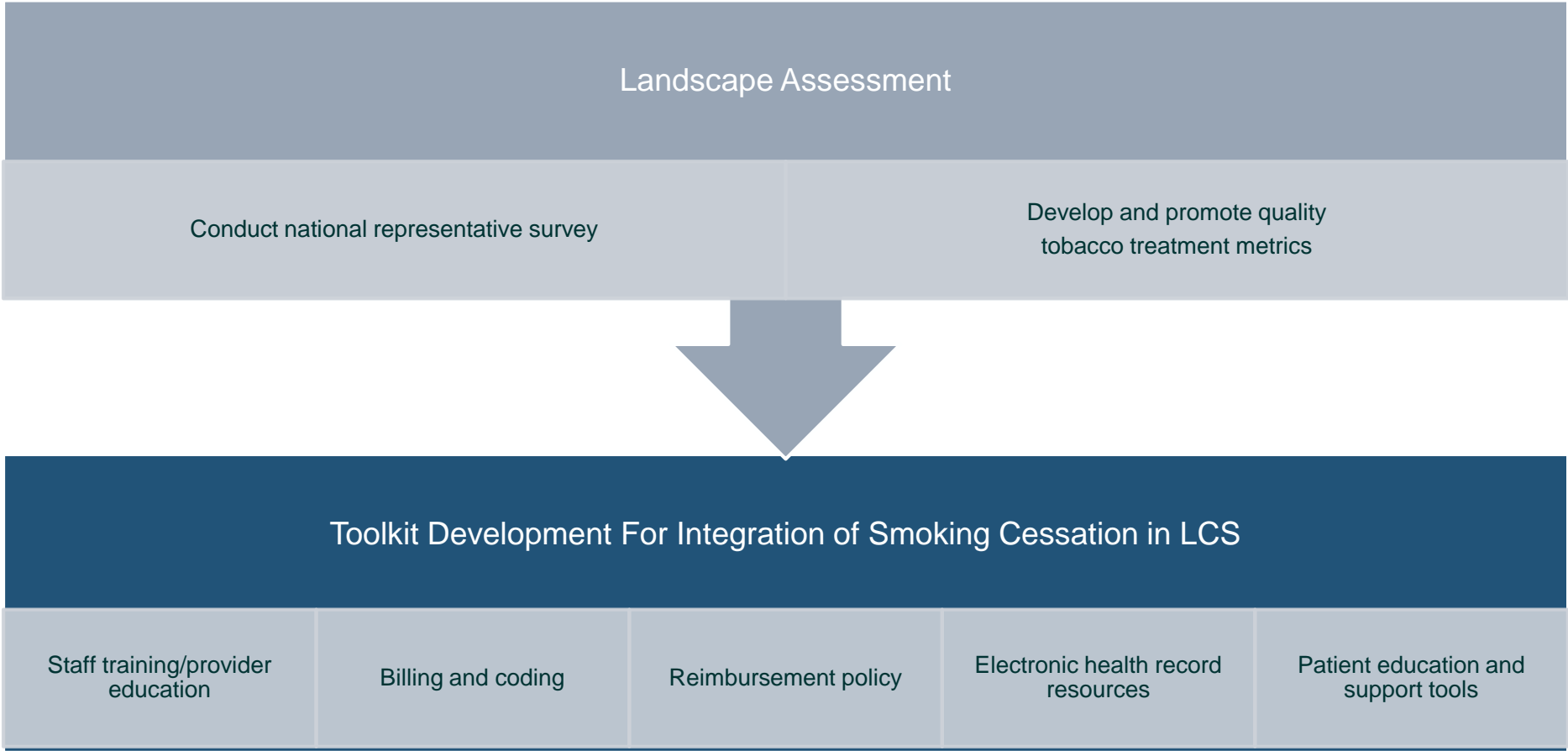
Stigma, Nihilism, and Survivorship Task Group

- 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



Thank You

