

# MOSAIC: Mobile lung Screening evaluation and outCOMes Partnered Evaluation Initiative

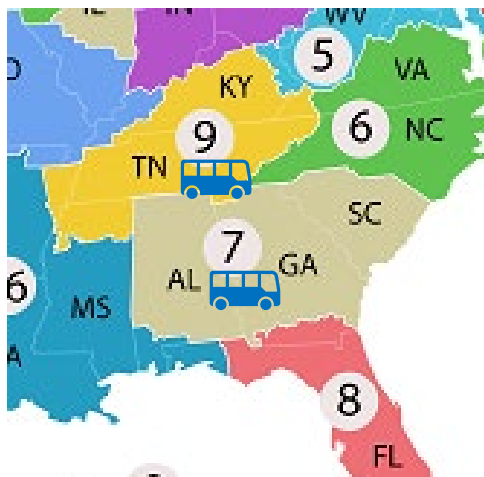


U.S. Department of Veterans Affairs  
Veterans Health Administration  
Quality Enhancement Research Initiative

*Mobile lung cancer screening saves Veteran lives.*

Lung cancer kills more Veterans annually than the next three cancers combined. Screening for lung cancer using low-dose computed tomography (LDCT) has been shown to reduce cancer mortality in high-risk patients through early detection. A major barrier to cancer screening is access to nearby VA facilities offering LDCT. Mobile lung cancer screening units (mLCS) can address access disparities for Veterans located in rural areas. The purpose of this project is to support internal implementation and evaluation efforts to determine the impact of mLCS on the offering, acceptance, and adherence to LCS by eligible Veterans.

## Getting lung cancer screening where it's needed



### Veterans Without Access

One third of Veterans at risk for lung cancer in VISN7 do not live within 60 minutes of a VA facility. In VISN9, half of high-risk Veterans live in rural areas without direct access to preventative lung cancer screening.

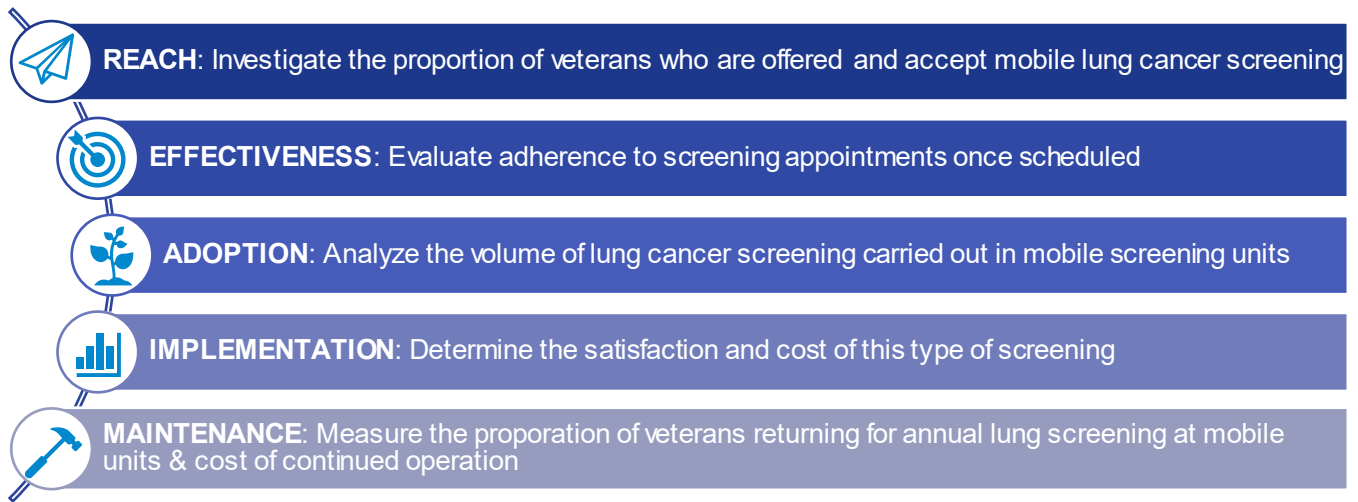


**SHOULDER to SHOULDER**  
Every Step of the Way



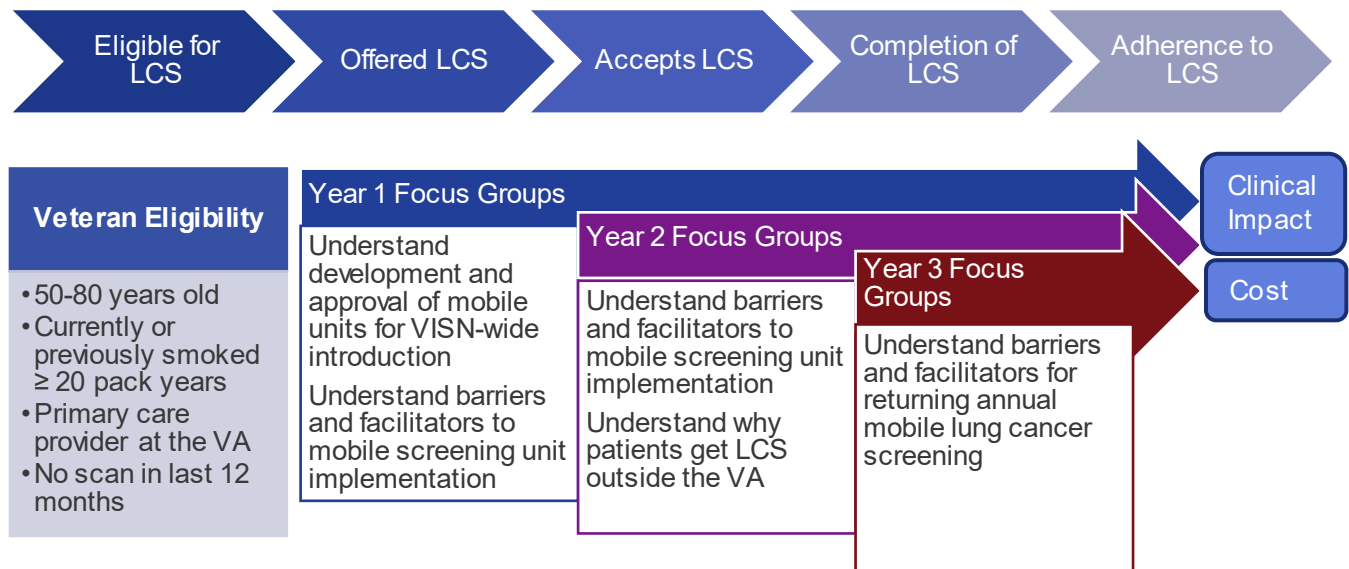
VA Quality Enhancement Research Initiative  
EVIDENCE INTO PRACTICE

## Mobile lung cancer screening project framework



Mobile lung cancer screening units will be deployed across VISN7 and VISN9 and we will measure the reach, effectiveness, and adoption of lung cancer screening 1 year before and 1 year after mobile unit introduction. Then we will gather perspectives on implementation and maintenance through focus groups, qualitative and quantitative interviews, and surveys along with cost analysis.

## Evaluating veteran adoption of mobile lung cancer screening



For more information, check out:

<http://www.weblink.com>

If you would like to learn more or partner with us, please contact, Abby Wenzel at [Abby.wenzel@va.gov](mailto:Abby.wenzel@va.gov)

Principal Investigator:

Nichole Tanner, MD, MSCR  
Ralph H. Johnson VA HCS  
Charleston, SC