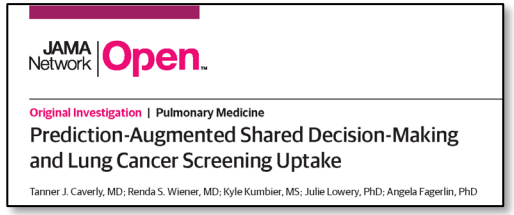
Contributing to national policy to deliver Veteran-centered, high-quality Lung Cancer Screening (LCS) programs

Building upon a decade of research on LCS and shared decision-making (SDM), Dr. Tanner Caverly participated in developing national guidelines and a new national VHA directive for LCS programs.

VA PROVE QUERI LCS (2016-2020)
Implementing Guidelines for SDM in LCS

Assessed the effect of implementing a **prediction-augmented SDM tool** for LCS, which enables clinicians to identify Veterans predicted to benefit most from LCS.


JAMA Network Open

Original Investigation | Pulmonary Medicine

Prediction-Augmented Shared Decision-Making and Lung Cancer Screening Uptake

Tanner J. Caverly, MD; Renda S. Wiener, MD; Kyle Kumbier, MS; Julie Lowery, PhD; Angela Fagerlin, PhD

VA HSR CDA (2018-2023)
Implementing Shared Decision-Making for Cancer Screening in Primary Care

Examined how to deliver a **personalized, effective, Veteran-centered approach to LCS** that is also easy to carry out in busy primary care settings.


JGIM Journal of General Internal Medicine

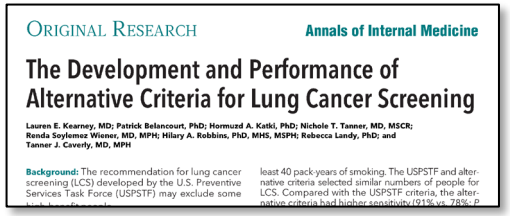
Dealing with the Lack of Time for Detailed Shared Decision-making in Primary Care: Everyday Shared Decision-making

Tanner J. Caverly, MD MPH[1,2,3] and Rodney A. Hayward, MD[1,2,3]

[1]VA Center for Clinical Management Research, Ann Arbor, MI, USA; [2]Institute for Health Policy Innovation, University of Mi
[3]University of Michigan Medical School, Ann Arbor, MI, USA

VA HSR IIR (2023-2027)
Redesigning Preventive Care Recommendations for Diverse Populations of Veterans

Developing new, guideline-level methods to support use of tailored recommendations, to **promote more effective and personalized care**, and reduce disparities.


ORIGINAL RESEARCH — Annals of Internal Medicine

The Development and Performance of Alternative Criteria for Lung Cancer Screening

Lauren E. Kearney, MD; Patrick Belancourt, PhD; Hormuzd A. Katki, PhD; Nichole T. Tanner, MD, MSCR; Renda Soylemez Wiener, MD, MPH; Hilary A. Robbins, PhD, MHS, MSPH; Rebecca Landy, PhD; and Tanner J. Caverly, MD, MPH

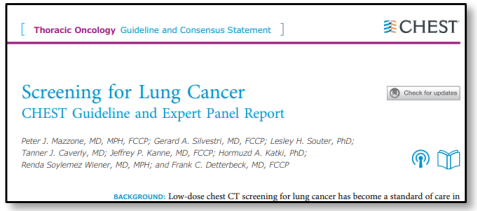
Background: The recommendation for lung cancer screening (LCS) developed by the U.S. Preventive Services Task Force (USPSTF) may exclude some

least 40 pack-years of smoking. The USPSTF and alternative criteria selected similar numbers of people for LCS. Compared with the USPSTF criteria, the alternative criteria had higher sensitivity (91% vs. 78%; P

VHA DIRECTIVE 1417 (2024)
Lung Cancer Screening Directive for VAMCs

Following his work on national guidelines, Dr. Caverly helped develop the first VHA directive for LCS.

Dr. Caverly's work informed key recommendations about prediction and SDM in national guidelines.


[Thoracic Oncology Guideline and Consensus Statement] CHEST

Screening for Lung Cancer
CHEST Guideline and Expert Panel Report

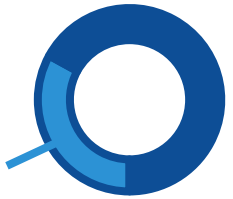
Peter J. Mazzone, MD, MPH, FCCP; Gerard A. Silvestri, MD, FCCP; Lesley H. Souter, PhD; Tanner J. Caverly, MD; Jeffrey P. Kanne, MD, FCCP; Hormuzd A. Katki, PhD; Renda Soylemez Wiener, MD, MPH; and Frank C. Detterbeck, MD, FCCP

BACKGROUND: Low-dose chest CT screening for lung cancer has become a standard of care in

This directive builds on national guidelines by establishing VHA policy for implementing guideline concordant LCS programs at all VA Medical Centers.

1 million Veterans eligible for LCS

BEFORE DIRECTIVE: screening had been offered to **33% of eligible Veterans**



GOAL OF DIRECTIVE: screening will be offered to **100% of eligible Veterans**

VA Lung Precision Oncology Program (2023-)
Partnering on several broader QI initiatives around LCS

In his role as Deputy Chief Consultant within VA's National Center for Lung Cancer Screening (NCLCS), Dr. Caverly is working on **optimizing staffing and resources** for LCS, studying **real-world effectiveness** of LCS in VA using quasi-experimental methods, and more.