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Costas T. Lambrew Research Retreat 2021

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2021

The Maine Lung Cancer Coalition: A Statewide, Multi-Sector Partnership to Improve Evidence-Based Lung Cancer Prevention & Screening

Leo B Waterston Maine Medical Center

Liz Scharnetzki Maine Medical Center

Susan Leeds Maine Medical Center

Jaclyn A. Janis Maine Medical Center

Lee Lucas Maine Medical Center

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Recommended Citation

Waterston, Leo B; Scharnetzki, Liz; Leeds, Susan; Janis, Jaclyn A.; Lucas, Lee; Deatrick, Deborah; Boulos, Rebecca; Korsen, Neil; and Han, Paul K.J., "The Maine Lung Cancer Coalition: A Statewide, Multi-Sector Partnership to Improve Evidence-Based Lung Cancer Prevention & Screening" (2021). Costas T. Lambrew Research Retreat 2021. 57.

https://knowledgeconnection.mainehealth.org/lambrew-retreat-2021/57

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Preliminary evidence suggests a state-based coalition implementing multi-level interventions can help reduce lung cancer burden

The Maine Lung Cancer Coalition:

A Statewide, Multi-Sector Partnership to Improve Evidence-Based Lung Cancer Prevention & Screening

Leo B. Waterston, MA, Liz Scharnetzki, PhD, Susan Leeds, MOT, Jaclyn A. Janis, MPH, RN, F. Lee Lucas, PhD, MS, RN, Deborah Deatrick, MPH, Rebecca Boulos, MPH, PhD, Neil Korsen MD, MS, & Paul K.J. Han MD, MA, MPH

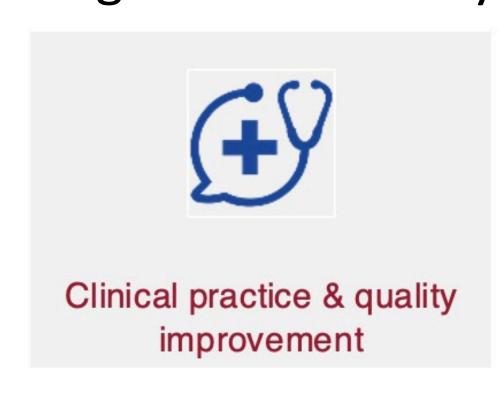
Introduction

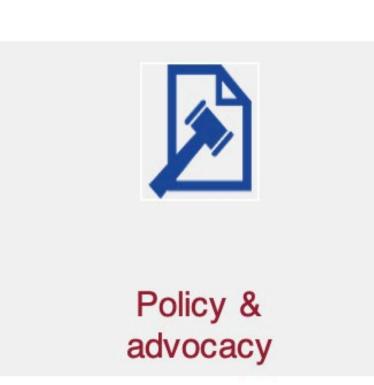
MLCC has two primary goals:

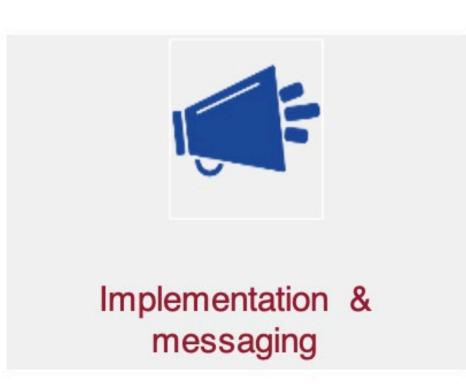
- 1. Engage and educate about evidencebased lung cancer prevention and screening practices
- 2. Develop, implement, and evaluate innovative programs to increase access to prevention, screening, and treatment services for all Mainers

MLCC approaches these goals in four ways:









Conclusions

The Maine Lung Cancer Coalition has been successful in engaging healthcare providers in educational activities aimed at promoting evidence-based lung cancer prevention and screening practices in a rural state with a high burden of lung cancer and increasing utilization of screening.

Future directions for the MLCC include studying the integration of tobacco treatment and lung cancer screening, and developing a social media campaign focused on reducing stigma around lung cancer.

Method and Results

We used both process and outcome measures to evaluate:

Clinical Practice & **Quality Improvement**



Learning Community (2016-2019)

- 6 meetings
- 22 hospitals participating

Statewide webinars (2017-2018)

- 9 webinars
- 165 healthcare professionals attending
- 66% (N=108) attendees from rural communities

Policy & Advocacy



Legislation

- LDCT Reimbursement Bill
- Radon School Testing Bill
- Maine State Tobacco 21
- Radon Awareness Month proclamation

Advocacy

 12 Patient and Family Advisory Board meetings

Research & Data Analysis



LDCT Screening Uptake

- Rural residents comprised 71% (*N*=2652) of those screened in 2018
- Up from 52% (N=197) in 2015 (p<0.001)
- Age- and sex-adjusted lung cancer screening rates increased in all HSAs from 2015-2018

Implementation & Messaging



Public Awareness and Education

- Lung Cancer awareness social media campaigns
- Radon Awareness social media campaigns

Thank you to our funders:



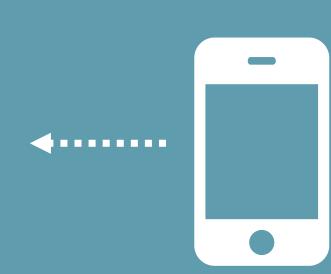






Maine Economic Improvement Fund





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