



Addressing Lung Cancer
Biomarker Testing
Through Project ECHO in
Mississippi:
Orientation Session 0

American Cancer Society®

5.25.2021

Welcome to the Orientation Session of the Addressing Lung Cancer Biomarker Testing Through Project ECHO in Mississippi



Each ECHO session will be recorded and may be posted to a publicly-facing website



You will be muted with your video turned off when you join the call.

Use the buttons in the *black* menu bar to unmute your line and to turn on your video.

If you do not wish to have your image recorded, please turn OFF the video option.



Today's materials will be made available on our ACS ECHO website



Please type your name and organization in the chat box



This ECHO session takes place on the Zoom platform.

To review Zoom's privacy policy, please visit zoom.us/privacy



Remember: Do NOT share any personal information about any patient



Questions about Zoom? Type them in the chat box @dionnechristopher





This project is funded partially though Amgen Oncology and Foundation Medicine

Please type your name and organization in the chat box



Have a question? Don't wait to ask! Feel free to enter in the "Chat" at anytime.

Today's Agenda

01	Welcome and Housekeeping (5 minutes)
02	ECHO Hub and Spoke Introductions (10 minutes)
03	Project Goals & Introduction to the ECHO Model (8 minutes)
04	The Burden of Lung Cancer in Mississippi (5 minutes)
05	Introduction to Lung Cancer Biomarker Testing (15 minutes)
06	Why it Matters: A Lung Cancer Survivor's Perspective (5 minutes)
07	Open Discussion/Q&A (7 minutes)
08	Wrap Up (5 minutes)

ECHO Hub & Spoke Introductions

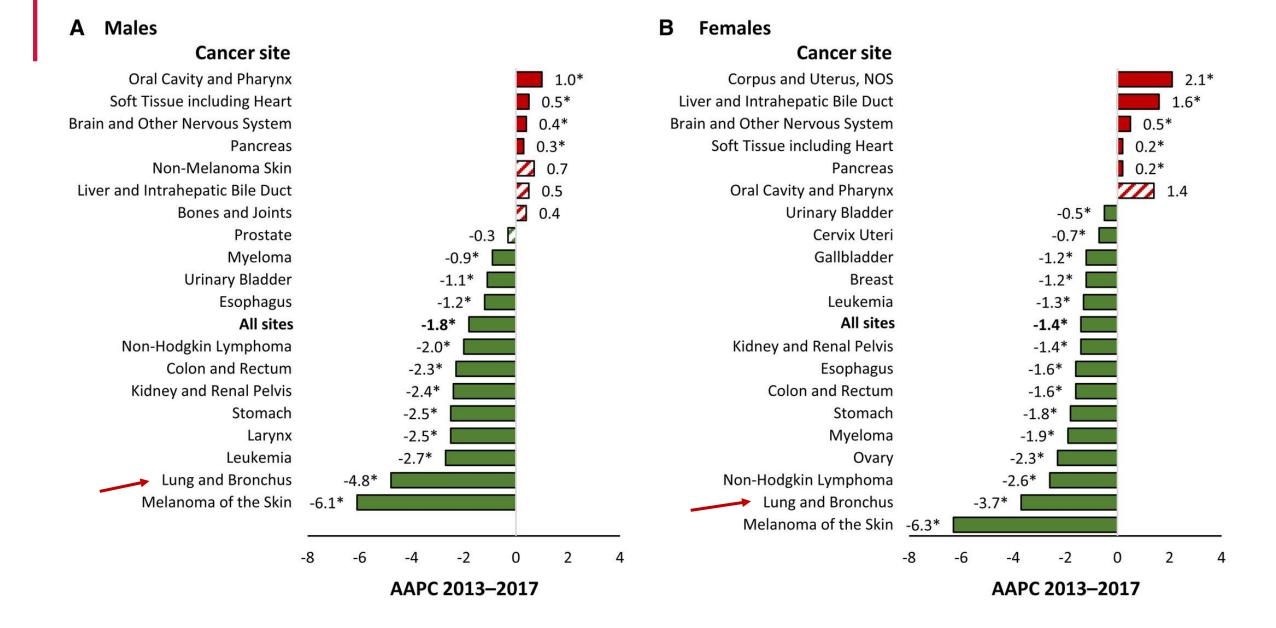
THE UNIVERSITY OF MISSISSIPPI MEDICAL CENTER

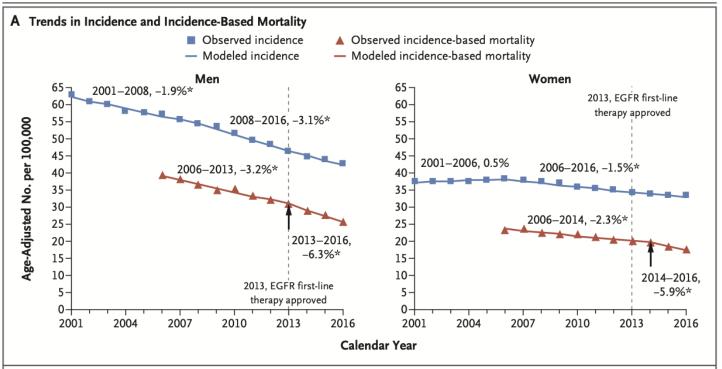


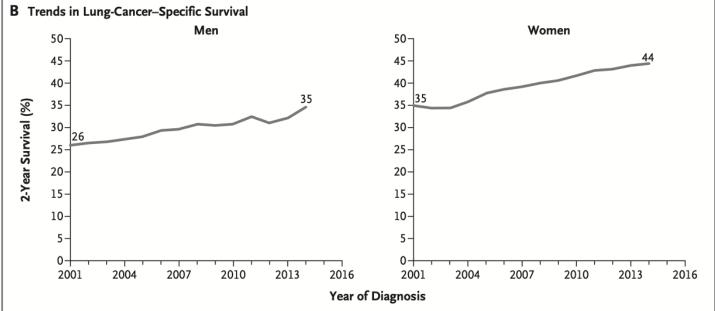
Pierre De Delva, MD

Division Chief of General Thoracic Surgery Program Lead, Thoracic Oncology

UMMC Cancer Center and Research Institute







N ENGL J MED 383;7 NEJM.ORG AUGUST 13, 2020
The New England Journal of Medicine





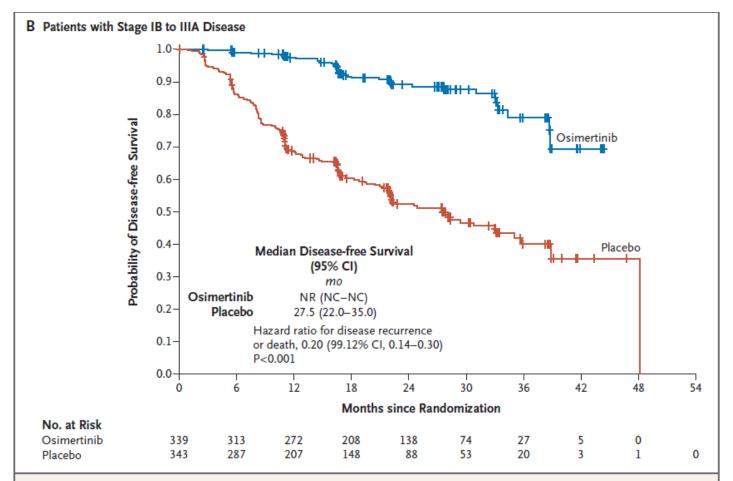
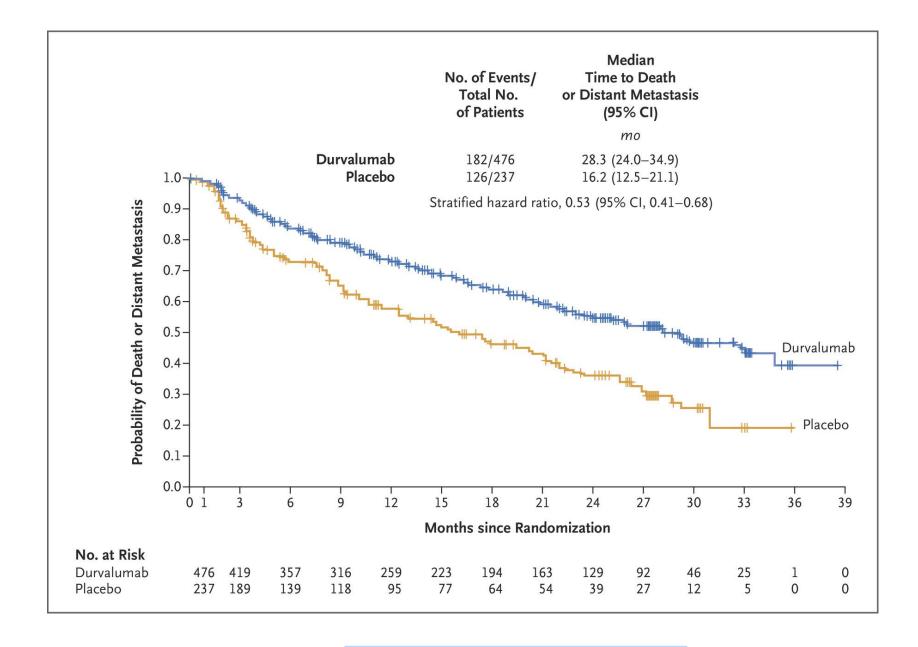


Figure 1. Disease-free Survival, According to Investigator Assessment.

Panel A shows Kaplan—Meier estimates of the duration of disease-free survival among patients with stage II to IIIA disease. At this interim analysis, a two-sided P value of less than 0.0094 was considered to be statistically significant. Panel B shows Kaplan—Meier estimates of the duration of disease-free survival in the overall population of patients with stage IB to IIIA disease. At this interim analysis, a two-sided P value of less than 0.0088 was considered to be statistically significant. Tick marks indicate censored data. CI denotes confidence interval, NC could not be calculated, and NR not reached.



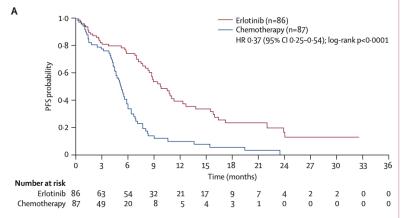












В	Patients		HR (95% CI) P _{interaction}
All patients	173	-	0.37 (0.25-0.54)
Age			
<65 years	85		0.44 (0.25-0.75)
≥65 years	88		0.28 (0.16-0.51)
Sex			, -
Female	126		0.35 (0.22-0.55)
Male	47		0.38 (0.17-0.84)
Smoking status			, , , , , , , , , , , , , , , , , , , ,
Current smoker	19 –		− 0.56 (0.15–2.15))
Past smoker	34		1·05 (0·40-2·74) > 0·023
Never smoked	120 -		0.24 (0.15-0.39)
ECOG status			., ,
0	57 —		0.26 (0.12-0.59)
1	92		0.37 (0.22–0.62) > 0.570
2	24 -		0.48 (0.15–1.48)
Mutation		-	
Exon 19 deletion	115		0.30 (0.18-0.50)
L858R mutation	58		0.55 (0.29–1.02)
EGFR mutation i	n serum	-	
Detected	58		0.25 (0.11-0.54)
Not detected	51 —		0·25 (0·11–0·54) 0·29 (0·13–0·63)
Histology	_	_	
Adenocarcinoma	160		0.37 (0.24-0.56)
Other	13 —		0.27 (0.05–1.44)
Previous surgery		-	
Yes	34		0.61 (0.23–1.63)
No	189		0.32 (0.21-0.49)
Previous radioth	erapy		
Yes	38		0.79 (0.30–2.08)
No	135		0·79 (0·30-2·08) 0·31 (0·20-0·48)
Previous chemot	herapy		
Yes	9 –		1.40 (0.15-12.64)
No	164		0.35 (0.23-0.52) 0.196
	0.10	0·20 0·40 0·60 1·00 2·	T
	0.10	0.20 0.40 0.00 1.00 2	

Lancet Oncol 2012; 13: 239-46

Published Online
January 26, 2012
DOI:10.1016/S14702045(11)70393-X

See Comment page 216





We are here to Increase our Collective "IQ" About Biomarker-Driven Care of Lung Cancer and to Save Lives!





Introductions: Meet our Mississippi ECHO Hub



Pierre De Delva, MD
University Of Mississippi Medical Center
Cancer Center And Research Institute
Facilitator & Faculty Member



Michal Senitko, MD
University Of Mississippi Medical Center
Cancer Center And Research Institute
Faculty Member



Amy Ellis
American Cancer Society
ECHO Coordinator



Ray U. Osarogiagbon, MBBS FACP Baptist Cancer Center Faculty Member



Dionne Christopher
American Cancer Society
ECHO Tech Coordinator



Beth Dickson-Gavney, MA American Cancer Society ECHO Coordinator

Introductions: Meet our Mississippi Spoke Sites













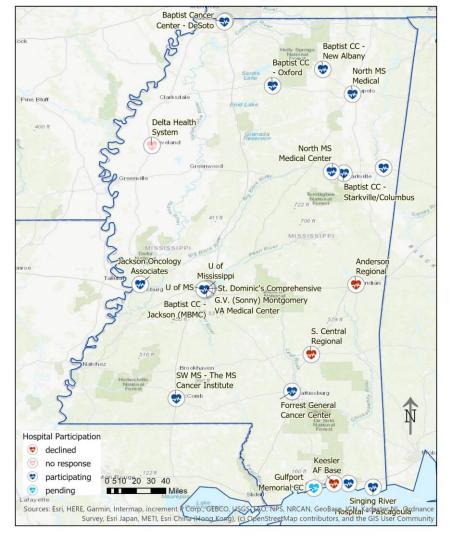




G.V. (Sonny) Montgomery VA Medical Center

One Lead Person from Each Spoke Site to Briefly Say Hello

Hospital Pilot Participation Mississippi



Map was created by the GIS team, GRACE GIS. www.gracegis.com (May 2021)

Project Goals & Introduction to the ECHO Model





Beth Dickson-Gavney, MA

Senior Director, Cancer Control Strategic Partnerships

American Cancer Society



SPOKES/LEARNERS WILL GAIN KNOWLEDGE AND CONFIDENCE

- to address the common barriers that may exist within their institutions in the lung cancer biomarker space
- to help implement biomarker testing in NSCLC successfully at their institutions

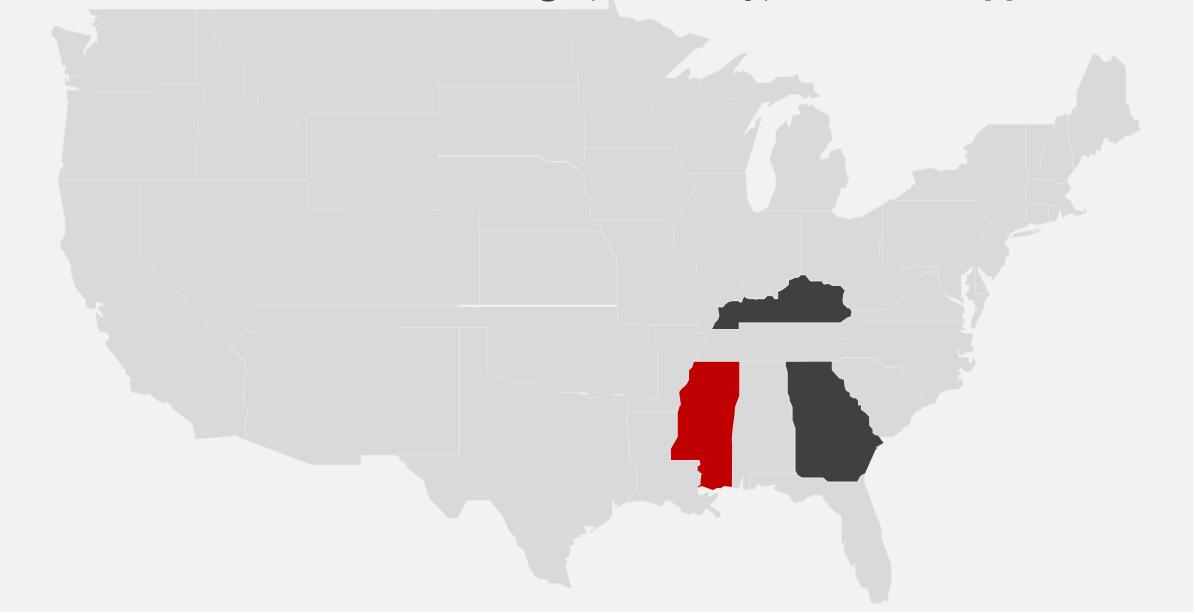
THE STATE-BASED ECHO APPROACH WILL FOSTER COLLABORATION

 to address the more common barriers related to biomarker testing within Mississippi reflective of its unique cultural, geographic, and payer landscape

PROVIDE VALUABLE INSIGHTS FOR PILOT REPLICATION

 Evaluate and apply learned lessons to improve the model that will enable successful replication in other pilot states in 2022

First Three Pilot Locations: Georgia, Kentucky, and Mississippi



ECHO Participation Poll

Today's Session will NOT serve as a typical ECHO session but instead will function more like a traditional interactive webinar

About Project ECHO

- ECHO effectively and efficiently disseminates evidence-based strategies to improve cancer outcomes
- ECHO serves as a hub-and-spoke knowledge led by expert teams (faculty) who utilize videoconferencing (Zoom) to conduct virtual clinics with participants (learners and spokes)
- ECHO is a proven one-to-many intervention

The American Cancer Society serves as a <u>Project ECHO</u> (Extension for Community Healthcare Outcomes) Hub

ECHO is all teach, all learn



Interactive



Co-management of cases



Peer-to-peer learning



Collaborative problem solving

Expectations of Participating Spoke Sites

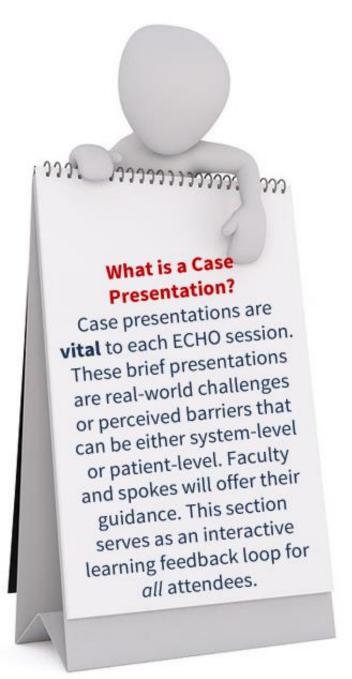
- Build a small multidisciplinary ECHO team from your system or center
- Have at least <u>one</u> team member join each monthly one-hour ECHO session
- Deliver (as a team) <u>one</u> case presentation over the course of the ECHO Series
- Complete the post-session poll questions
- Complete the three survey/assessments





What to Expect: The Anatomy of an ECHO Session

- Housekeeping and Introductions (10 min)
- Didactic Presentation (15 min)
- Didactic Q/A (5 min)
- Case Presentation(s) (3-5 min)
- Case Presentation(s) Discussion/Guidance (20 min)
- Wrap Up & Post-Session Survey Poll (5 min)





For more about the ECHO Model or Project ECHO, please visit www.echo.unm.edu

Addressing Lung Cancer Biomarker Testing Through Project ECHO

Case Presentation Form





Instructions

This case presentation form is intended to be completed and submitted electronically. Please email completed forms along with any optional supplemental information to Kelly.durden@cancer.org and carbon copy your regional ACS staff partner. We request that you submit your case presentation form at least three business days prior to your scheduled case presentation. Please do NOT submit a scan of a printed version of this form.

This form includes four sections: Section 1: Presenter Information & Case Presentation Summary, Section 2: System-Level Case Presentation, Section 3: Patient-Level Case Presentation and Section 4: Faculty Recommendations. You need to complete Section 1 and then, choose either Section 2 or Section 3. We recommend that each case presentation will range from three minutes to five minutes. Please do not include patient identifiers on this form or use any identifiers during the presentation. Please note, for patient-level case presentations, the faculty will provide guidance that should NOT be interpreted as direct medical advice.

Project ECHO Data Usage Statement

Project ECHO® collects registration, participation, questions/answers, chat comments, and poll responses for some teleECHO® programs. Your individual data will be kept confidential. These data may be used for reports, maps, communications, surveys, quality assurance, evaluation, research, and to inform new initiatives.

Section 1: Presenter Information and Case Presentation Summary

1. Presentation Date: Click or tap to enter a date.

2. Presenter Name(s): Click or tap here to enter text.

3. Presenter Title(s): Click or tap here to enter text.

4. Organization/Health System: Click or tap here to enter text.

5. Please summarize the case you are presenting to the group: Click or tap here to enter text.

Which specific questions are you asking the faculty and the other participating spoke sites?Click or tap here to enter text.

Section 2: System-Level Case Presentation

- Describe your current system or workflow: If available, feel free to provide workflow charts separately.
 Click or tap here to enter text.
- What are the primary challenges/barriers: Include specifics on identified gaps and quality improvement methods used to clarify the root causes.

Click or tap here to enter text.

3. Describe what you are trying to improve and any other relevant background information:

Click or tap here to enter text.

4. Briefly describe your vision of what it will look like when it is working well:

Click or tap here to enter text.

Describe any recent changes (less than 6 months) made to this system or workflow, including when they were made and their impact:

Click or tap here to enter text.

6. If applicable, what data (quantitative, qualitative) do you have to augment your observations:

Click or tap here to enter text.



Note: The Case Presentation Form is "Living" Document

Section 3: Patient-Level Case Presentation

DEMOGRAPHIC INFORMATION					
Age Click or tap here to enter text.	2. Gender (Choose One) Female Male Non-Binary/Third gender Transgender female Transgender male G CANCER (NSCLC) HISTOLOGY & 5. Histology Adenocarcinoma Squamous Cell Large Cell	American Indian/Alaska Native II Asian III Black/African American II	city (Choose All to Hispanic/Latino White More than One In Other et o enter text.	00	
BIOMARKER TESTING					
7. Has biomarker testing been ordered for this patient (or will it be ordered)?		If biomarker testing was not ordered, please elaborate on the factors that precluded it:			
Yes□		Click ortap her	e to enter text.		
No □					
Will be ordered □					
The next section is 0	NLY for those patients who HAVE	received or WIL	L receive biom	arker testing	
	as used (or will be used) to obtain s				
Bronchoscopic biopsy		Mediastinoscop	у 🗆		
Endobronchial ultraso	und-guided transbronchial lymph	Surgical specimen □			
node aspiration (EBUS	-TBNA) □	Thoracentesis/pericardiocentesis □			
Image-guided percutar	neous biopsy 🗆	Unsure			
Liquid biopsy □					
-	s/will be used for lung biomarker	11. If single-gene test or short-cluster panel,			
testing? (Choose Or Single-Gene Test □	please identify which genes were tested: ALK HER2 PD-L1 PD-L1				
Short-Cluster Panel	BRAF 🗆	KRAS □	ROS1 □		
Multi-Gene Panel (next	EGFR 🗆	NTRK 🗆	RET 🗆		
		MET 🗆			
ADDITIONAL INFORMA					
 Please include any other information you would like to share with the group: Click or tap here to enter text. 					

Section 4: Faculty Recommendations

-	Section 4. Faculty Recommendations					
	This section will be completed by the ACS ECHO Coordinator. Recommendations from our faculty will be documented below.					
	Click or tap here to enter text.					

Assigned Case Presentation Number: Will be assigned by ACS

The Case Presentation Process



Spokes will submit their case presentation forms at least three business days prior to the ECHO session. The Case presentation form serves as the sole requirement.

Additional Slides are optional.



Faculty will receive the case presentation at **least 48 hours in advance** and can provide advance written feedback and or verbal feedback during the ECHO session



The case presentation does **NOT** have to be thematic to the didactic presentation (while it may improve the session flow)



The ACS ECHO Coordinator will type the key takeaways and recommendations, which will be sent out to in the post-session recap.

Case presentations are the heart of the ECHO model, ensuring that "everyone teaches, everyone learns"

Ready to Schedule your Case Presentation?

Two Convenient Ways

1. Email <u>Beth Dickson-Gavney</u> and <u>Kelly Durden</u> with your preferred case presentation date (choose between the Mississippi specific or the combined sessions)

Or

2. Complete our simple <u>Case</u>
<u>Presentation Interest Survey</u>





All meeting materials, including the case presentation notes, will be disseminated and uploaded within one week of the session

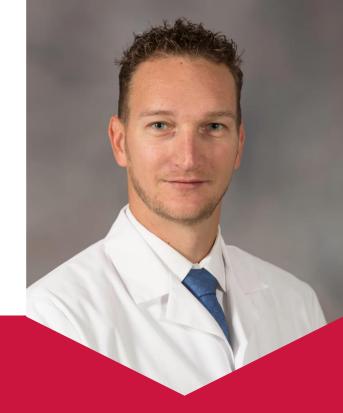
Addressing Comprehensive Lung Cancer Biomarker Testing Through Project ECHO Pilot Series: Mississippi Monthly ECHO Session Didactics

ECHO Schedule and Topics

Session 0 5/25/2021 7 AM to 8 AM CT	Orientation to the Comprehensive Lung Cancer Biomarker Testing ECHO Series Not a traditional ECHO, will operate more like an interactive webinar	State-Based Mississippi ONLY
Session 1 6/28/2021 1 PM to 2 PM CT	Understanding the Barriers to Biomarker Testing <i>M. Patricia Rivera, MD, ATSF, FCCP</i> University of North Carolina at Chapel Hill	Combined 1 ECHO for All 3 Pilot States
Session 2 7/27/2021 7 AM to 8 AM CT	Pathways to Biomarker Testing Raymond Osarogiagbon, MBBS, FACP Baptist Cancer Center	State-Based Mississippi ONLY
Session 3 8/26/2021 12 PM to 1 PM CT	Adequate Tissue for Sampling Gerard A. Silvestri, MD, MS, FCCP Medical University of South Carolina	Combined
Session 4 9/23/2021 12 PM to 1 PM CT	Choice of Panel, Interpretation of Results, and Next Steps Ignacio I. Wistuba, MD The University of Texas MD Anderson Cancer Center	Combined
Session 5 10/19/2021 12 PM to 1 PM CT	Improving Turnaround Time Lynette M. Sholl, MD, FCAP Dana-Farber/Harvard Cancer Center	Combined
Session 6 11/2/2021 7 AM to 8 AM CT	What's Covered: Reimbursement and Coverage Policies from the Private and Public Payer Landscape TBD	State-Based Mississippi ONLY
Session 7 December TBD	Placeholder for TBD Final Session	State-Based Mississippi ONLY

The Burden of Lung Cancer in Mississippi

THE UNIVERSITY OF MISSISSIPPI MEDICAL CENTER



Michal Senitko, MD, DAABIP

Section Chief, Interventional Pulmonology Assistant Professor of Medicine and Surgery University of Mississippi Medical Center

Co-Director Lung Cancer Screening Program
UMMC Cancer Center and Research
Institute

Disclosures

Consultant (paid):

- American Cancer Society
- Medtronic, Inc.
- Optellum, Inc.

Lung Cancer Burden At a Glance





¹American Cancer Society. Cancer Facts and Figures. *Cancer.org.* [Online] 2019. https://www.cancer.org/latest-news/facts-and-figures-2019.html
² US National Institute of Health, National Cancer Institute. *SEER Cancer Statistics Review*, 1975-2015.

Lung Cancer Burden At a Glance in Mississippi



Estimated New Cases in 2021



Estimated Deaths in 2021



Incidence rates, 2013-2017*

*Average annual rate per 100,000, age adjusted to the 2000 US standard population



Death rates, 2014-2018**

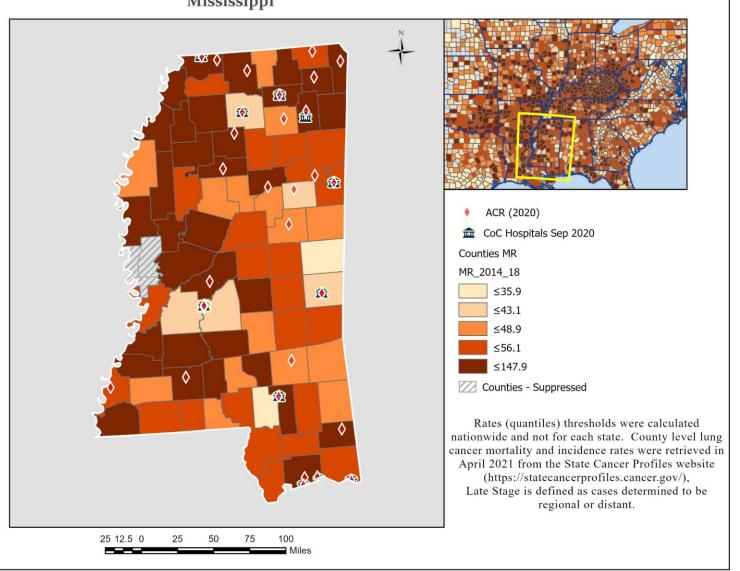
**Average annual rate per 100,000, age adjusted to the 2000 US standard population. Rates for PR are for 2012-2016

<u>Data sources: North American Association of Central</u> <u>Data sources: National Center for Health Statistics (NCHS),</u> <u>Cancer Registries (NAACCR), 2020</u> Centers for Disease Control and Prevention, 2020

Source: American Cancer Society, Cancer Statistic Center

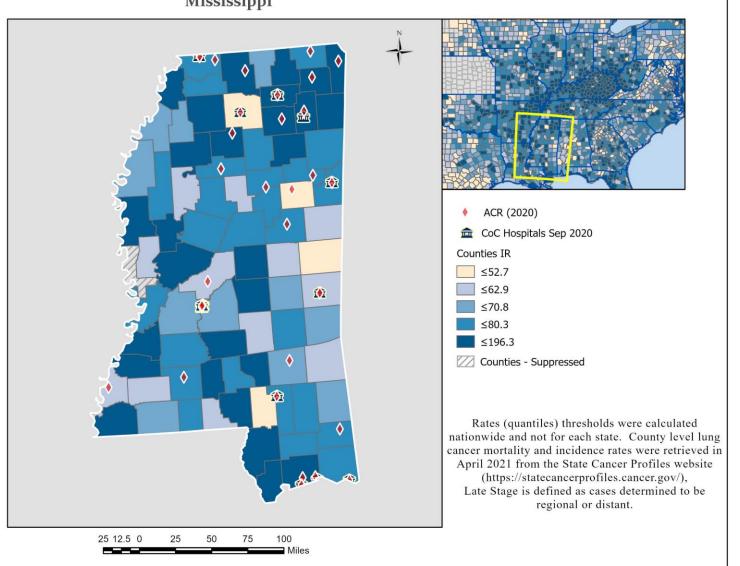
Lung Cancer Mortality Rates 2014-18

Mississippi



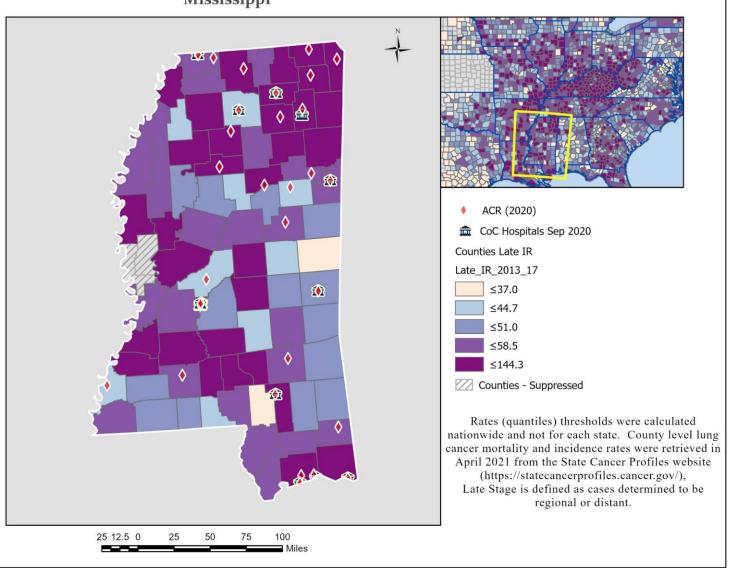
Lung Cancer Incidence Rates 2013-17

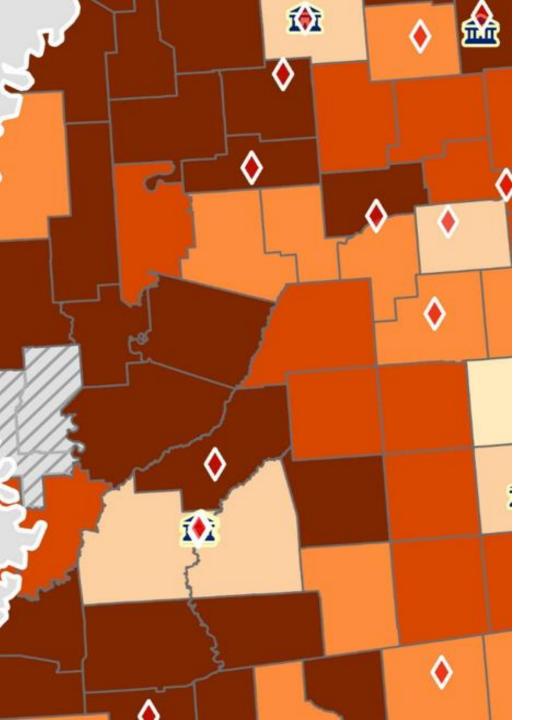
Mississippi



Lung Cancer Late stage Incidence Rates 2013-17

Mississippi





Data Set Sources & Definitions

- Mortality Rates: 2014-2018

- Incidence Rates: 2013-2017

Late-stage Incidence Rates: 2013-2017

- NCI, CoC hospitals and ACR screening locations: Geocoded in 2020
- Surveillance data accessed in April 2021 from the cancer state profile
- Rates (cases per 100,000 population per year) are age-adjusted to the 2000 US standard population
- Rates are for invasive cancer only
- Rates calculated using SEER*Stat. Population counts for denominators are based <u>on Census populations as modified by</u> <u>NCI</u>
- The 1969-2017 US Population Data File: Used for SEER and NPCR incidence rates
- Late Stage: Defined as cases determined to be regional or distant
- Coding: Based on <u>Surveillance</u>, <u>Epidemiology</u>, and <u>End Results</u> (<u>SEER</u>) <u>summary stage</u>

Introduction to Lung Cancer Biomarker Testing





Ray U. Osarogiagbon, MBBS, FACP

Chief Scientist

Baptist Memorial Healthcare

Corporation

Director, Multidisciplinary
Thoracic Oncology Program
Baptist Cancer Center

Research Professor Vanderbilt University

Disclosures

Advisory Boards:

- Druckenmiller Center for Lung Cancer Research, MSKCC
- Hope Foundation for Cancer Research (SWOG)
- GO2 Foundation's Community Centers of Excellence Program
- LUNGevity Patient FoRCe

Consultant (paid):

- American Cancer Society
- Association of Community Cancer Centers
- Astra Zeneca
- Biodesix
- Eli Lilly
- National Cancer Institute
- Triptych Healthcare Partners
- Founder: Oncobox Devices, Inc
- Patents for surgical specimen collection kit

- Stocks:

- Eli Lilly
- Gilead Sciences
- Pfizer

There has been unprecedented progress of new treatment options for non-small cell lung cancer (NSCLC) that targets specific biomarkers

Prescribing the right treatment option for a patient requires comprehensive biomarker testing

Personalized Treatment of advanced Non-Small Cell Lung Cancer (NSCLC) is guided by molecular biomarker assessment

Biomarker-Driven Treatment for Lung Cancer At-A-Glance



FDA-Approved Genomic Biomarkers for directing targeted therapies for Non-Squamous NSCLC



PD-L1 TPS >50%
Directs 2 ImmunotherapyOnly first line treatment
options

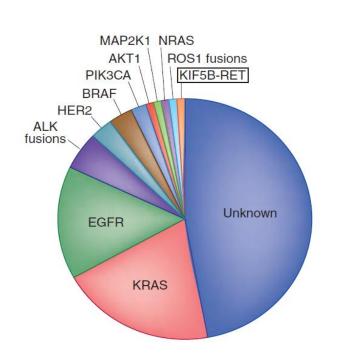


Numerous biomarker-driven drugs are presently in clinical trials for NSCLC and small cell lung cancer (SCLC)

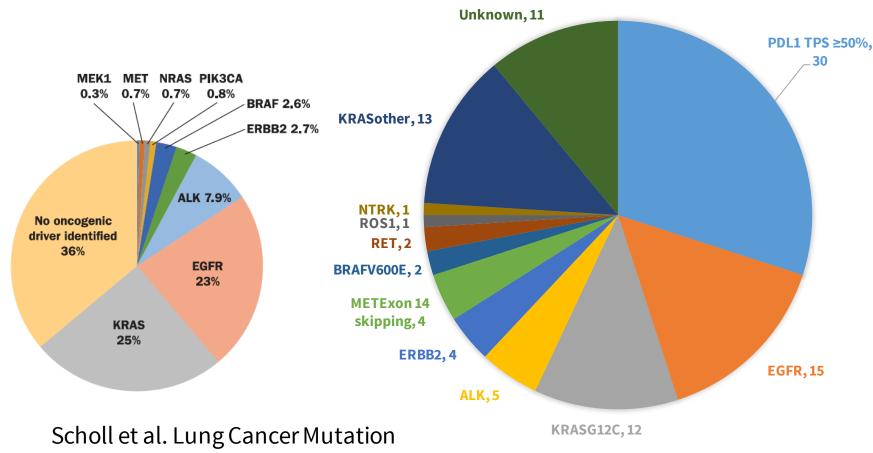


5 Organizations with guidelines for testing for comprehensive biomarker testing for NSCLC

'The times they are a-changin'.... Robert Allen Zimmerman



Pao and Hutchinson 'Chipping away at the lung cancer genome' Nature Medicine. March 2012



Scholl et al. Lung Cancer Mutation Consortium J Thorac Oncol. <u>May 2015</u>

2020: biomarkers with drug targets

Current NSCLC Lung Cancer Biomarker Guidelines

NCCN

The National Comprehensive Cancer Network® NCCN has released updated evidence-based guidelines on comprehensive biomarkers in lung cancer



CAP, IASLC, & AMP

Evidence-based consensus guidelines on biomarker testing in NSCLC from **the College of American Pathologists (CAP)**, **International Association for the Study of Lung Cancer (IASLC)**, and the **Association for Molecular Pathologists (AMP)** recommend that all late-stage NSCLC patients with advanced stage lung adenocarcinoma should receive biomarker testing for three mutations (EGFR, ALK, and ROS1)¹ in 2018







ASCO

The American Society of Clinical Oncology (ASCO) released an update in February 2021 to their 2017 guideline on systemic therapy for patients with stage IV NSCLC with driver alterations



Synopsis of Common Recommendations for Lung Cancer Biomarker Testing		
Type of Lung Cancer	Stage of Lung Cancer	Common Recommendations
NSCLC Lung Adenocarcinoma	Stages IIA and Above	Testing for mutations in the EGFR gene should be conducted Clinical trial options may exist for other mutations
NSCLC Lung Adenocarcinoma	Stage IV lung adenocarcinoma or lung adenocarcinoma that has recurred or progressed after an initial diagnosis of stage I, II, or III lung cancer in patients who were NOT previously tested	Comprehensive Biomarker Testing, e.g., Next-Generation Sequencing (NGS) is recommended PD-L1 immunohistochemistry is recommended to determine whether a patient will benefit from immunotherapy <u>alone</u> in the first line setting
NSCLC Squamous Cell Lung Cancer	Stages I, II, and III	Currently, biomarker testing is performed ONLY for clinical trials
NSCLC Squamous Cell Lung Cancer	Stage IV	PD-L1 immunohistochemistry is recommended to determine whether a patient will benefit from immunotherapy <u>alone</u> in the first line setting Consider testing for ALK, BRAF V600E, EGFR, KRAS, MET exon 14 skipping, NTRK, RET, and ROS1 at the time of diagnosis, contingent on a patient's histology or pathology. Testing for other biomarkers may be helpful in deciding eligibility for clinical trials
Small Cell Lung Cancer (SCLC)	All Stages	Currently, biomarker testing is performed ONLY for clinical trials

Credit: Table adapted from LUNGevity

Resources:

Non-Small Cell Lung Cancer (NSCLC)—NCCN Clinical Practices Guidelines in Oncology, Version 4.2021. Accessed May 2021.

<u>Updated Molecular Testing Guideline for the Selection of Lung Cancer Patients for Treatment with Targeted Tyrosine Kinase Inhibitors</u>. Accessed May 2021.

Small Cell Lung Cancer (SCLC)—NCCN Clinical Practice Guidelines to Oncology. Version 3.2021. Accessed May 2021.

Blurred Lines: Anatomy-based Prognostication is insufficient

Stage IV EGFR+ adenocarcinoma with 5-year survival rate >20% vs 5% for stage IV adenocarcinoma without identifiable predictive biomarker....

Lin JJ, et al. J Thorac Oncol. 2016 PMCID: PMC4979601. Hirsch FR, et al. Cancer. 2018 PMID: 29579334.

ALEX: 5-year survival Alectinib v Crizotinib- 62.5 (95% CI 54.3- 70.8) v
 45.5% (95% CI 33.6-57.4)

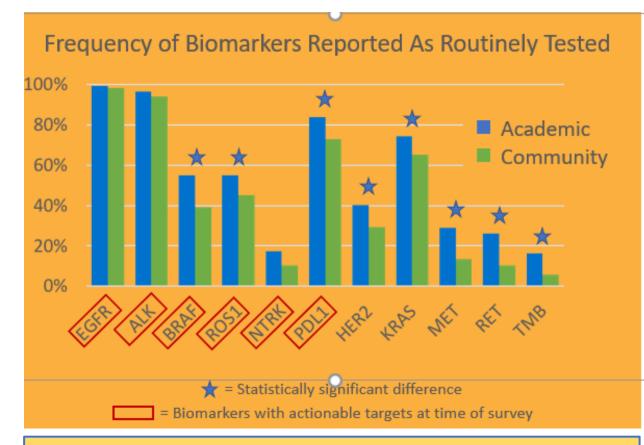
Mok T, et al. Ann Oncol. 2020 PMID: 32418886.

....are they even the same disease?

Despite this unprecedented progress, current data shows suboptimal rates in biomarker testing

Biomarker Testing Rate

- Current data have inherent limitations due to selection bias, response bias, limited assessment by insurance type, etc. *However*.....,
- Testing rates vary across regions and academic and community practices
- Use of single assay tests are more common than use of multi-gene panels using NGS or multiplex PCR (White paper, Friends of Cancer Research, 2018)
- EGFR and ALK testing represent the most common testing. However, patients who are older, male, have a history of smoking, and are not covered by commercial insurance have lower testing rates
- Among 4,335 NSCLC patients in a 2018 commercial database from 280 clinics, only 71% received ROS1 testing. Clinical Lung Cancer 2020



Survey of CHEST Pulmonologists in 2019, unpublished data, in review.

Many patients face challenges receiving comprehensive biomarker testing

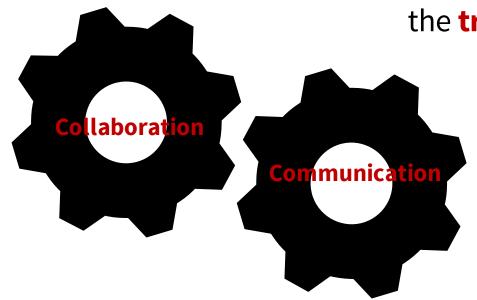
Optimizing Lung Cancer Biomarkers in Practice,

requires collaborative effort and frequent communication,

between the proceduralist, the pathologist,

the treating oncologist, the nurse navigator,

and others on the multi-disciplinary care team





"Access to High Quality Biomarker Testing for All <u>Eligible</u>
Patients with Non-Small Cell Lung Cancer: No Patient Will
Be Left Behind"

Brief Preview of the IASLC Molecular Database Project



The International Association for the Study of Lung Cancer Molecular Database Project: Objectives, Challenges, and Opportunities

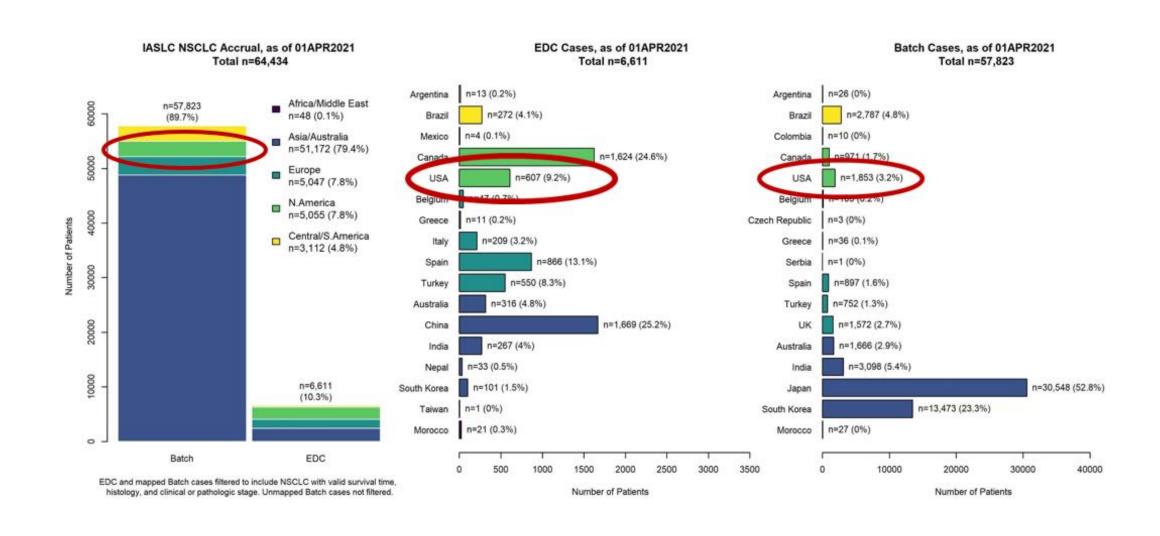
Raymond U. Osarogiagbon, M.B.B.S., a,* Ramon Rami-Porta, MD, b,c
Ming Sound Tsao, MD,d Luis M. Montuenga, PhD, e,f,g
Katherine K. Nishimura, PhD, MPH,h Dorothy J. Giroux, MS,h
William Travis, MD,d Hisao Asamura, MD,d Valerie Rusch, MD,k
David P. Carbone, MD, PhD,d Fred R. Hirsch, MD, PhD,m; Members of the
International Association for the Study of Lung Cancer Molecular Subcommittee

IASLC Molecular Database Project: Objectives

- Global platform for deeper, broader understanding
- Evaluate novel prognostic markers
- Create evidence from well-curated datasets for the role of biomarkers across the stage spectrum
- Support global advocacy for routine genomic testing as appropriate
- Define important research questions
- Stimulate global collaboration for additional discovery

Osarogiagbon RU, et al. J Thorac Oncol. 2021 Mar PMID: 33771657.

Data Contributors: Country-level as of April 1, 2021



Lung cancer will go the way of tuberculosis... becoming routinely curable with relatively simple, more palatable treatments.

A <u>rigidly</u> anatomy-based staging system is a barrier to that destination.

We need global datasets to accelerate understanding and intervention in the global challenge that is lung cancer.



Why it Matters: A Lung Cancer Survivor's Perspective



Nancy Smith

Lung Cancer Survivor ACS Area Board Member

Instructor
Southwest MS Community College

Open Discussion: Questions & Answers



Wrap Up

Post-Session Poll Questions

A Few Reminders







Next ECHO Session: 6/28/2021 @ 2:00 PM ET/1:00 PM CT



Next Didactic Presenter: *M. Patricia Rivera, MD, ATSF, FCCP* **Topic:** *Understanding the Barriers to Biomarker Testing*



Materials and Resources will be made available within one week.

All resources will be available on the ACS ECHO Website



Case Presentations

Spokes: Interested in scheduling your Case Presentation? Let us know.

Faculty: All future case presentations will be shared with you at 24-hours in advance



Additional Feedback on Today's Session? Tell us in the Post Session Feedback Forum (URL in chat box)



Pre-ECHO Survey: If you have not yet completed, please take our Pre-ECHO assessment. The survey came from the ACS ECHO Office.



Questions: Contact amy.ellis@cancer.org



SEE YOU ON 6/28/2021!