

QUANTITATIVE IMAGING WORKSHOP XVIII:

Optimizing Thoracic Imaging to Detect and Manage Early Lung Cancer/COPD

November 4-5, 2021 | Virtual

WEBCAST AGENDA

DAY 1: THURSDAY, NOVEMBER 4

All times listed in Eastern Daylight Time

a/o 11.2.21

8:50 AM	WEBCAST OPENS
9:00 AM	WELCOME, KEYNOTE ADDRESS & NATIONAL LEADERSHIP AWARD Welcome and Overview Carolyn R. ("Bo") Aldigé, <i>Prevent Cancer Foundation</i> James L. Mulshine, MD, <i>Rush University Medical Center</i>
9:30 AM	Keynote Address: Exercise For Primary Prevention Among Patients Receiving Lung Cancer Screening Kathryn H. Schmitz, PhD, MPH, FACSM, FTOS, FNAK, <i>Penn State College of Medicine</i>
10:30 AM	2021 James L. Mulshine, MD National Leadership Award Introductory Remarks: Claudia I. Henschke, PhD, MD, <i>Icahn School of Medicine at Mount Sinai</i> Award Recipient: Mary Pasquinelli, DNP, APRN, FNP-BC, CTTS, <i>University of Illinois Hospital and Health Science System</i>
11:00 AM	BREAK
11:15 AM	SESSION TWO: WHAT IS NEEDED FOR THORACIC HEALTH TO FIT INTO POPULATION HEALTH? Chair & Moderator: Bruce S. Pyenson, FSA, MAAA, <i>Milliman, Inc.</i> Moderator: Anita McGlothlin, <i>GO₂ Foundation for Lung Cancer</i> <ul style="list-style-type: none">How Measurement Drives Population Health Models Topic Overview & Panelists: Mary Barton, MD, MPP, Performance Measurement, <i>National Committee for Quality Assurance</i> Cory Gusland, FSA, MAAA, <i>Milliman, Inc.</i> Spencer Carrucciu, MPA, Oxeon Venture Studio, <i>Oxeon Partners</i>
12:15 PM	LUNCH

DAY 1 *Continued*

All times listed in Eastern Daylight Time

1:15 PM	<p>SESSION TWO <i>(Continued)</i></p> <p>Chair & Moderator: Bruce S. Pyenson, FSA, MAAA, <i>Milliman, Inc.</i> Moderator: Anita McGlothlin, <i>GO₂ Foundation for Lung Cancer</i></p> <ul style="list-style-type: none"> How Organizations Operationalize Population Health Technology—Existing and New—and How They Can Fit into Population Health <p>Topic Overview & Panelists: Jonathan B. Jaffery, MD, MS, MMM, <i>University of Wisconsin-Madison and UW Health ACO</i> Paul Limburg, MD, MPH, <i>Exact Sciences and Mayo Clinic</i></p>
2:15 PM	BREAK
2:30 PM	<p>SESSION THREE: TRANSFORMING THORACIC HEALTH FOR EVERYONE – WHAT DOES THE FIELD NEED AND WHAT DO PEOPLE NEED?</p> <p>Co-Chairs: David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i> Christopher Lathan, MD, MS, MPH, <i>Dana-Farber Cancer Institute</i></p> <ul style="list-style-type: none"> Big Data and Vulnerable Populations – Addressing the Gap <p>Moderator & Topic Overview: David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i></p> <p>Panelists: Anthony P. Reeves, PhD, School of Electrical and Computer Engineering, <i>Cornell University</i> Melinda Aldrich, PhD, MPH, Department of Medicine, <i>Vanderbilt University Medical Center</i> Emanuela Taioli, MD, PhD, Institute for Translational Epidemiology, <i>Icahn School of Medicine at Mount Sinai</i> Heather Pierce, JD, MPH, Center for Health Justice, <i>Association of American Medical Colleges</i> Erik Lium, PhD, <i>Mount Sinai Innovation Partners and Mount Sinai Health System</i></p> <ul style="list-style-type: none"> Models of Open Database Research: The Ethics of Using Big Data for Tool Development – How Do We Get There for Clinically Actionable AI? <p>Moderator & Topic Overview: Christopher Lathan, MD, MS, MPH, <i>Dana-Farber Cancer Institute</i></p> <p>Topic Overview & Panelists: Shonta Chambers, MSW, Health Equity and Community Engagement, <i>Patient Advocate Foundation</i> Samuel Cykert, MD, Health and Clinical Informatics Program, <i>University of North Carolina School of Medicine</i></p>
4:30 PM	BREAK

DAY 1 *Continued**All times listed in Eastern Daylight Time*

4:45 PM	<p>BREAKOUT SESSIONS</p> <p>Two simultaneous working breakouts to develop actionable plans for strategic progress in early thoracic disease outcomes.</p> <ol style="list-style-type: none"> Clinical Session - Data Use in the Time of Screening and AI: Defining Consensus, Value, Context and Responsibilities Moderator: David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i> Scribe: Rowena Yip, MPH, <i>Icahn School of Medicine at Mount Sinai</i> Technical Session - Optimizing Image Quality and Acquisition Parameters to Enable Optimal Lung Cancer Screening with Assessment of COPD and Related Lung Injuries Co-Moderators: Ricardo Avila, MS, <i>Accumetra LLC</i> George R. Washko, MMSc, MD, <i>Brigham and Women's Hospital and Harvard Medical School</i> Javier J. Zulueta, MD, FCCP, <i>Icahn School of Medicine at Mount Sinai</i>
5:45 PM	DAY 1 WEBCAST CONCLUDES

DAY 2: FRIDAY, NOVEMBER 5

All times listed in Eastern Daylight Time

8:50 AM	WEBCAST OPENS
9:00 AM	<p>SESSION FOUR: ELUCIDATING THE EVOLUTION OF THORACIC DISEASE AS THE BASIS FOR RATIONAL CLINICAL MANAGEMENT</p> <p>Chair: Albert Rizzo, MD, FCCP, FACP, FAASM, <i>American Lung Association</i></p> <p>Moderators: George R. Washko, MMSc, MD, <i>Brigham and Women's Hospital and Harvard Medical School</i> Javier J. Zulueta, MD, FCCP, <i>Icahn School of Medicine at Mount Sinai</i></p> <ul style="list-style-type: none"> • Is Annual Thoracic Screening a Venue to Deliver Preventive Interventions? Topic Overview: What Can We Learn from Cohort Studies—Defining the Gaps in Disease Evolution? Ravi Kalhan, MD, MS, <i>Northwestern University Feinberg School of Medicine</i> • Building a Guidance Document: Rational Clinical Interventions for Thoracic Screen-identified Pre-symptomatic Pulmonary Disease Topic Overview: Translating Images into Clinical Interventions—How to Speed the Process? George R. Washko, MMSc, MD, <i>Brigham and Women's Hospital and Harvard Medical School</i> Javier J. Zulueta, MD, FCCP, <i>Icahn School of Medicine at Mount Sinai</i> <p>Panelists: Raúl San José Estépar, PhD, <i>Brigham and Women's Hospital (both topics) and Harvard Medical School</i> Lee Gazourian, MD, MS, <i>Lahey Hospital & Medical Center</i> Ravi Kalhan, MD, MS, <i>Northwestern University Feinberg School of Medicine</i> David M. Mannino, MD, FCCP, FERS, <i>COPD Foundation and University of Kentucky</i> Ruth Tal-Singer, PhD, <i>COPD Foundation</i></p>
11:00 AM	BREAK
11:15 AM	<p>SESSION FIVE: LUNG CANCER & COPD IMAGING – TECHNICAL IMAGING GUIDANCE</p> <p>Co-Chairs: Ricardo Avila, MS, <i>Accumetra LLC</i> Raúl San José Estépar, PhD, <i>Brigham and Women's Hospital and Harvard Medical School</i></p> <ul style="list-style-type: none"> • Improving CT Lung Cancer Screening Through Image Quality Optimization Moderator & Topic Overview: Improving CT Lung Cancer Screening Through Calibration Phantom and Software Innovations Ricardo Avila, MS, <i>Accumetra LLC</i> <p>Panelists: Mario Silva, MD, PhD, <i>University of Parma (Italy)</i> Sean Fain, PhD, <i>Functional Lung Imaging Laboratory, Iowa Institute for Biomedical Imaging, University of Iowa</i> Stephen Lam, MD, FRCPC, <i>British Columbia Cancer Agency and Pan-Canadian Lung Cancer Screening Network (Canada)</i></p>

DAY 2 *Continued*

All times listed in Eastern Daylight Time

12:15 PM	LUNCH
1:15 PM	<p>SESSION FIVE <i>(Continued)</i></p> <ul style="list-style-type: none"> Establishing a Technical Guidance for COPD and Lung Cancer Image Acquisition Protocol <p>Moderator: Raúl San José Estépar, PhD, <i>Brigham and Women's Hospital and Harvard Medical School</i></p> <p>Topic Overview: Charles Hatt, PhD, <i>Imbio LLC and University of Michigan</i></p> <p>Panelists: Ella Kazerooni, MD, MS, <i>Michigan Medicine/University of Michigan Medical School</i> Nicholas Petrick, PhD, <i>Division of Imaging, Diagnostics and Software Reliability, US Food and Drug Administration</i> George R. Washko, MMSc, MD, <i>Brigham and Women's Hospital and Harvard Medical School</i></p>
2:15 PM	BREAK
2:30 PM	<p>COMBINED BREAKOUT – RESULTS & ACTION PLANS</p> <p>Joint session discussion on resulting actionable plans for both topics.</p> <ol style="list-style-type: none"> Clinical Session - Data Use in the Time of Screening and AI: Defining Consensus, Value, Context and Responsibilities Technical Session - Optimizing Image Quality and Acquisition Parameters to Enable Optimal Lung Cancer Screening with Assessment of COPD and Related Lung Injuries
3:30 PM	FINAL GENERAL DISCUSSION & FEEDBACK
3:45 PM	WORKSHOP CONCLUDES