

QUANTITATIVE IMAGING WORKSHOP XX:

Annual chest CT screening—visualizing the full impact of 20-plus years of smoking

November 2-3, 2023 | Virtual

WEBCAST AGENDA

DAY 1: THURSDAY, NOVEMBER 2

All times listed in Eastern Standard Time

a/o 10.29.23

8:50 AM	WEBCAST OPENS
9:00 AM	<p>WELCOME, KEYNOTE ADDRESS & INTERNATIONAL LEADERSHIP AWARD</p> <p>Welcome & Overview Jody Hoyos, MHA, <i>Prevent Cancer Foundation</i> James L. Mulshine, MD, <i>Rush University Medical Center</i></p>
9:30 AM	<p>Keynote Address – AI-Enabled Chest CT Screening For Comprehensive Cardiovascular Disease, Lung Cancer & COPD Prevention Morteza Naghavi, MD, Founder, <i>HeartLung.AI</i></p>
10:30 AM	<p>2023 James L. Mulshine, MD, International Leadership Award Presented to individuals who have had a profound impact on reducing the toll lung cancer, COPD and heart disease take on the health of Americans and individuals around the world.</p> <p>Introductory Remarks: Carolyn R. (“Bo”) Aldigé, <i>Prevent Cancer Foundation</i> James L. Mulshine, MD, <i>Rush University Medical Center</i> David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i></p> <p>Award Recipient: Matthijs Oudkerk, PhD, MD, MSc, <i>University of Groningen</i> and <i>Institute for DiagNostic Accuracy (iDNA) (Netherlands)</i></p>
11:00 AM	BREAK
11:15 AM	<p>SESSION TWO: INFECTION, INFLAMMATION, CANCER – THE PATHOLOGY BEHIND THE IMAGES BEING ANALYZED BY AI & REPORTED TO CLINICIANS</p> <p>Chair & Moderator: Albert Rizzo, MD, FCCP, FACP, FAASM, <i>American Lung Association</i></p> <ul style="list-style-type: none"> <p>Using Large, Longitudinal Databases To Predict Status Of Disease Processes Moderator: George R. Washko, MMSc, MD, <i>Brigham and Women’s Hospital and Harvard Medical School</i></p> <p>Panelists: R. Graham Barr, MD, DrPH, <i>Columbia University</i> Elizabeth Estes, <i>Open Source Imaging Consortium (OSIC)</i> Simon Walsh, MD, PhD, <i>National Lung and Heart Institute, Imperial College London (United Kingdom)</i> Lecia Sequist, MD, MPH, <i>Massachusetts General Hospital and Harvard Medical School</i></p> <p>Infection, Inflammation, Cancer: The Pathology Behind The Imaging Moderator: Javier J. Zulueta, MD, FCCP, <i>Icahn School of Medicine at Mount Sinai</i></p> <p>Panelists: William L. Dahut, MD, <i>American Cancer Society</i> Larry Schlesinger, MD, <i>Texas Biomedical Research Institute</i> Steven M. Dubinett, MD, <i>David Geffen School of Medicine, UCLA</i></p>

DAY 1: THURSDAY, NOVEMBER 2 *(Continued)*

All times listed in Eastern Standard Time

1:15 PM	LUNCH
2:15 PM	<p>SESSION THREE: THE BRIGHT FUTURE OF IMAGE ACQUISITION, CALIBRATION & ARTIFICIAL INTELLIGENCE</p> <p>Chair & Moderator: Ricardo Avila, MS, <i>Accumetra LLC</i></p> <p>Moderator: Anthony P. Reeves, PhD, School of Electrical and Computer Engineering, <i>Cornell University</i></p> <ul style="list-style-type: none"> <p>The Integration Of Artificial Intelligence In CT Image Reconstruction</p> <p>Topic Overview: Bruno De Man, PhD, MS, <i>GE HealthCare</i></p> <p>Panelists: Andreu Badal, PhD, Center for Devices and Radiological Health, <i>US Food and Drug Administration</i> Brian E. Nett, PhD, <i>GE HealthCare</i> Adam S. Wang, PhD, <i>Stanford University</i></p> <p>Opportunities To Advance CT Lung Measurements Using CT Calibration & Artificial Intelligence</p> <p>Topic Overview: Ricardo Avila, MS, <i>Accumetra LLC</i></p> <p>Panelists: Matthijs Oudkerk, PhD, MD, MSc, <i>University of Groningen and Institute for DiagNostic Accuracy (iDNA) (Netherlands)</i> Stephen Lam, MD, FRCPC, <i>University of British Columbia (Canada)</i> Artit Jirapatnakul, PhD, <i>Icahn School of Medicine at Mount Sinai</i></p>
4:15 PM	BREAK
4:30 PM	<p>VIRTUAL BREAKOUT SESSIONS</p> <p>Two simultaneous working breakouts to develop actionable plans for strategic progress in early thoracic disease outcomes.</p> <ul style="list-style-type: none"> <p>Clinical Session – Thoracic CT Results: How To Simply Communicate Voluminous Amounts of Information</p> <p>How to harmonize reporting of additional imaging information that is routinely available on low dose CT beyond nodule information. Is there a preferred reporting structure for pulmonary and coronary findings that will harmonize communication about screening scan results beyond nodule information? Can a strategy to consistently stratify information for the different target audiences provide screening participants and clinicians with the relevant complementary information they require?</p> <p>Co-Moderators: James L. Mulshine, MD, <i>Rush University Medical Center</i> Albert Rizzo, MD, FCCP, FACP, FAASM, <i>American Lung Association</i> Rowena Yip, PhD, MPH, <i>Icahn School of Medicine at Mount Sinai</i></p> <p>Technical Session – Acquiring Screening Thoracic CT Information For Optimal QI Interrogation Of Tobacco-Injury</p> <p>Session will review the status of the technical process for imaging with low dose CT scans to also optimize for acquiring quantitative pulmonary information. Discussion will address the emerging data extraction of thoracic screening images for more complete health-related information and next steps.</p> <p>Co-Moderators: Ricardo Avila, MS, <i>Accumetra LLC</i> Raúl San José Estépar, PhD, <i>Brigham and Women's Hospital and Harvard Medical School</i></p>
5:30 PM	DAY 1 WEBCAST CLOSSES

DAY 2: FRIDAY, NOVEMBER 3

All times listed in Eastern Standard Time

7:50 AM	WEBCAST OPENS
8:00 AM	<p>SESSION FOUR: OPTIMIZING ANNUAL LUNG CANCER SCREENING CT TO CHARACTERIZE CORONARY ARTERY CALCIFICATION (CAC) CLINICAL EVOLUTION</p> <p>Co-Chairs & Moderators: David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i> Matthew Cham, MD, <i>University of Washington Medical Center</i></p> <p>Moderator: Tochukwu (“Tochi”) M. Okwuosa, DO, FACC, FAHA, <i>Rush University Medical Center</i></p> <ul style="list-style-type: none"> • Clinical Optimization Of Lung Cancer Screening CT For CAC Theragnostics Topic Overview: Fay Y. Lin, MD, <i>Icahn School of Medicine at Mount Sinai</i> • Reporting Non-Coronary Cardiac Findings In Lung Cancer Screening CT Topic Overview: Morteza Naghavi, MD, <i>HeartLung.AI</i> • Designing A Medicare Cardiac Controlled Observational Study Topic Overview: David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i> <p>Panelists: Fay Y. Lin, MD, <i>Icahn School of Medicine at Mount Sinai</i> David J. Maron, MD, <i>Stanford Prevention Research Center, Stanford Health Care</i> Morteza Naghavi, MD, <i>HeartLung.AI</i> Matthijs Oudkerk, PhD, MD, MSc, <i>University of Groningen and Institute for DiagNostic Accuracy (iDNA) (Netherlands)</i> Bruce S. Pyenson, FSA, MAAA, <i>Milliman, Inc.</i></p>
11:00 AM	BREAK
11:15 AM	<p>SESSION FIVE: POPULATION HEALTH</p> <p>Co-Chairs & Moderators: Bruce S. Pyenson, FSA, MAAA, <i>Milliman, Inc.</i> Anita McGlothlin, <i>GO₂ for Lung Cancer</i></p> <ul style="list-style-type: none"> • Payer Quality Metrics For Lung Cancer Screening – What Progress Is Being Made On This Essential Tool? Topic Introduction: Bruce S. Pyenson, FSA, MAAA, <i>Milliman, Inc.</i> Topic Overviews & Panelists: Grace Glennon, MS, RD, <i>National Committee for Quality Assurance</i> David R. Nerenz, PhD, <i>Henry Ford Health</i> • Why Is Cost-Sharing So Often Incorrectly Billed For Preventive Services? Topic Introduction: Bruce S. Pyenson, FSA, MAAA, <i>Milliman, Inc.</i> Topic Overviews & Panelists: Anita McGlothlin, <i>GO₂ for Lung Cancer</i> Susan E. Pantely, FSA, MAAA, <i>Milliman, Inc.</i> Tia Sawhney, DrPH, FSA, MAAA, <i>Teus Health LLC</i>
1:15 PM	LUNCH

DAY 2: FRIDAY, NOVEMBER 3 *(Continued)*

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2:15 PM	<p>COMBINED VIRTUAL BREAKOUT – RESULTS & ACTION PLANS</p> <p>Joint session discussion on resulting actionable plans for both topics.</p> <ul style="list-style-type: none"> • Clinical Session – Thoracic CT Results: How To Simply Communicate Voluminous Amounts Of Information • Technical Session – Acquiring Screening Thoracic CT Information For Optimal QI Interrogation Of Tobacco-Injury
3:15 PM	<p>FINAL GENERAL DISCUSSION & FEEDBACK</p>
3:30 PM	<p>WORKSHOP CONCLUDES</p>