

QUANTITATIVE IMAGING WORKSHOP XXI:

Advancing Routine Clinical Use of Health Information
from Thoracic CT Screening for Public Health

November 14 – 15, 2024 • Virtual

WEBCAST AGENDA

DAY 1: THURSDAY, NOVEMBER 14

All times listed in Eastern Standard Time

EXTERNAL DRAFT 10.18.24

8:50 AM	WEBCAST OPENS
9:00 AM	WELCOME, KEYNOTE ADDRESS & INTERNATIONAL LEADERSHIP AWARD Welcome & Overview Jody Hoyos, MHA, <i>Prevent Cancer Foundation</i> James L. Mulshine, MD, <i>Rush University Medical Center</i>
9:30 AM	Keynote Address – Coronary Artery Calcium (CAC) Scoring in ROBINSKA and 4ITLR Trials Matthijs Oudkerk, PhD, MD, MSc, <i>University of Groningen and Institute for Diagnostics Accuracy (iDNA) (Netherlands)</i> Moderator: James L. Mulshine, MD, <i>Rush University Medical Center</i> Panelists: David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i> David J. Maron, MD, <i>Stanford Prevention Research Center, Stanford Health Care</i> Tochukwu (“Tochi”) M. Okwuosa, DO, FACC, FAHA, <i>Rush University Medical Center</i>
10:30 AM	BREAK
10:35 AM	2024 James L. Mulshine, MD, International Leadership Award <i>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.</i> Introductory Remarks: Carolyn R. (“Bo”) Aldigé, <i>Prevent Cancer Foundation</i> James L. Mulshine, MD, <i>Rush University Medical Center</i> Kyle J. Myers, PhD, <i>Puente Solutions LLC</i> Award Recipient: Nancy Obuchowski, PhD, MS, <i>Cleveland Clinic Foundation</i>
11:00 AM	BREAK

DAY 1: THURSDAY, NOVEMBER 14 (Continued)

11:15 AM	<p>SESSION TWO: IMPROVING UPTAKE OF RECOMMENDATIONS ON LDCT NOT DIRECTLY RELATED TO LUNG CANCER</p> <p>Chair & Moderator: David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i></p> <ul style="list-style-type: none"> <p>Which Ones Are Being Reported and Are They Impacting Management? Topic Overview Speaker: David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i></p> <p>Panelists: Joelle Fathi, DNP, RN, ARNP, FAANP, FAAN, <i>GO2 for Lung Cancer</i> Minal Kale, MD, MPH, <i>Icahn School of Medicine at Mount Sinai</i> Vickie Beckler, MBA, RN, Lung Ambition Alliance, <i>AstraZeneca</i> Ethan Reyes, Intern, Paraxial Technologies' Project on Patient-Friendly Large Language Models John Reyes, Paraxial Technologies' Project on Patient-Friendly Large Language Models</p> <p>Software Approval and Reimbursement: Impact on Utilization Topic Overview Speaker: Morteza Naghavi, MD, <i>HeartLung.AI</i></p> <p>Panelists: Kyle J. Myers, PhD, <i>Puente Solutions LLC</i> Robert Ochs, PhD, Division of Radiological Health, Center for Devices and Radiological Health, <i>US Food and Drug Administration</i> Bruce Pyenson, FSA, MAAA, <i>Pyenson Healthcare Analytics LLC</i></p>
1:15 PM	LUNCH
2:15 PM	<p>SESSION THREE: DEPLOYING ARTIFICIAL INTELLIGENCE FOR LUNG CANCER SCREENING</p> <ul style="list-style-type: none"> <p>How Will AI Impact Risk Assessment, Small Nodule Detection, Differential Diagnosis and Patient Communication? Where Will We See the Biggest Impact? Chair & Moderator: Ricardo Avila, MS, <i>Accumetra LLC</i></p> <p>Topic Overview Speaker: David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i></p> <p>Panelists: Mario Silva, MD, PhD, <i>University of Parma and UMass Chan Medical School, University of Massachusetts (Italy)</i> Artit Jirapatnakul, PhD, <i>Icahn School of Medicine at Mount Sinai</i> Ella Kazerooni, MD, MS, <i>Michigan Medicine / University of Michigan Medical School</i></p>
3:15 PM	<ul style="list-style-type: none"> <p>Issues with Image Data Storage Strategies: What is the right model? Strengths, Challenges and How to Build Consortia Support for Annual Thoracic CT Screening Chair, Moderator & Topic Overview Speaker: Albert Rizzo, MD, FCCP, FACP, FAASM, <i>American Lung Association</i></p> <p>Panelists: Elizabeth Estes, <i>Open Source Imaging Consortium (OSIC)</i> Susan Wood, PhD, MS, <i>VIDA Diagnostics</i> George R. Washko, MMSc, MD, <i>Brigham and Women's Hospital and Harvard Medical School</i></p>
4:15 PM	BREAK

DAY 1: THURSDAY, NOVEMBER 14 *(Continued)*

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 – Aligning the Silos to Integrate Chest CT Health Information</p> <p>Co-Moderators: Bruce S. Pyenson, FSA, MAAA, <i>Pyenson Healthcare Analytics LLC</i> Mary Pasquinelli, DNP, APRN, FNP-BC, <i>University of Illinois Hospital and Health Science System</i></p> <p>Technical Session – Accelerating Progress in Treating Pulmonary Disease Through Innovative Clinical Trial Design Using Imaging</p> <p>Co-Moderators: Raúl San José Estépar, PhD, <i>Brigham and Women's Hospital and Harvard Medical School</i> Sean Fain, PhD, <i>University of Iowa</i></p>
5:30 PM	DAY 1 WEBCAST CLOSSES

DAY 2: FRIDAY, NOVEMBER 15

All times listed in Eastern Standard Time

8:50 AM	WEBCAST OPENS
9:00 AM	<p>SESSION FOUR: LESSONS FROM INDUSTRY – ELIMINATING OBSTACLES TO FUTURE CHEST SCREENING IMPLEMENTATION</p> <p>Co-Chairs: Bruce S. Pyenson, FSA, MAAA, <i>Pyenson Healthcare Analytics LLC</i> Anita McGlothlin, <i>GO2 for Lung Cancer</i></p> <p>Moderator & Topic Overview Speaker: Bruce S. Pyenson, FSA, MAAA, <i>Pyenson Healthcare Analytics LLC</i></p> <p>Panelists: Cheryl G. Heaton, DrPH, MPA, <i>School of Global Public Health, New York University</i> Anita McGlothlin, <i>GO2 for Lung Cancer</i> Matthew Cham, MD, <i>University of Washington Medical Center</i> Morteza Naghavi, MD, <i>HeartLung.AI</i></p>
10:00 AM	<p>SESSION FIVE: OVERCOMING TECHNOLOGICAL BARRIERS IN CORONARY CALCIUM SCORING DURING LUNG SCREENING CT</p> <p>Chair, Co-Moderator & Topic Overview Speaker: Matthew Cham, MD, <i>University of Washington Medical Center</i></p> <p>Co-Moderator: Ricardo Avila, MS, <i>Accumetra LLC</i></p> <p>Panelists: Ryoungwoo Jang, MD, <i>Coreline Soft (South Korea)</i> Nishith Khandwala, MS, <i>Bunkerhill Health</i> Saikiran Rapaka, PhD, <i>Siemens Healthineers</i></p>
11:00 AM	BREAK

DAY 2: FRIDAY, NOVEMBER 15 *(Continued)*

11:05 AM	<p>SESSION SIX: MEANINGFUL SCREENING CONVERSATIONS – COACHING ABOUT ALL HEALTH INFORMATION FROM A SCREENING CHEST CT</p> <p>Chair, Moderator & Topic Overview Speaker: Mary Pasquinelli, DNP, APRN, FNP-BC, <i>University of Illinois Hospital and Health Science System</i></p> <p>Panelists: Michael R. Gieske, MD, Lung Cancer Screening, <i>St. Elizabeth Cancer Center</i> Alexis B. Paulson, MSN, APRN, Vanderbilt Lung Screening Program, <i>Vanderbilt University Medical Center</i> Vickie Beckler, MBA, RN, <i>Lung Ambition Alliance, AstraZeneca</i></p>
12:05 PM	LUNCH
1:00 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 – Aligning the Silos to Integrate Chest CT Health Information • Technical Session – Accelerating Progress in Treating Pulmonary Disease Through Innovative Clinical Trial Design Using Imaging
1:30 PM	FINAL GENERAL DISCUSSION & FEEDBACK
1:45 PM	WORKSHOP CONCLUDES