

# QUANTITATIVE IMAGING WORKSHOP XIX:

## Utilizing Quantitative Thoracic Imaging to Optimize Population Health

November 3-4, 2022 | Virtual

### WEBCAST AGENDA

#### DAY 1: THURSDAY, NOVEMBER 3

All times listed in Eastern Standard Time

a/o 10.28.22

8:50 AM	<b>WEBCAST OPENS</b>
9:00 AM	<b>WELCOME, KEYNOTE ADDRESS &amp; NATIONAL LEADERSHIP AWARD</b> <b>Welcome and Overview</b> Carolyn R. ("Bo") Aldigé, <i>Prevent Cancer Foundation</i> James L. Mulshine, MD, <i>Rush University Medical Center</i>
9:30 AM	<b>Keynote Address – AI and Medical Imaging: Early Progress and Promise</b> Daniel Tse, MD, AI Product Lead, Research & Development and Go-to-Market, <i>Google Health</i>
10:30 AM	<b>2022 James L. Mulshine, MD, National Leadership Award</b> <i>Presented to individuals who have had a profound impact on reducing the toll lung cancer and COPD take on the health of Americans and individuals around the world.</i> <b>Introductory Remarks:</b> Albert Rizzo, MD, FCCP, FACP, FAASM, <i>American Lung Association</i> Ella Kazerooni, MD, MS, <i>Michigan Medicine / University of Michigan Medical School</i> <b>Award Recipients:</b> Andrea B. McKee, MD, <i>Lahey Hospital &amp; Medical Center and Radiation Oncology Associates</i> Brady J. McKee, MD, <i>Lahey Hospital &amp; Medical Center and Tufts University School of Medicine</i> (Posthumously awarded)
11:00 AM	<b>BREAK</b>
11:15 AM	<b>SESSION TWO: POPULATION HEALTH – REIMBURSEMENT FOR AI, ENSURING QUALITY &amp; THE ROLES OF PAYERS</b> <b>Co-Chairs &amp; Moderators:</b> Bruce S. Pyenson, FSA, MAAA, <i>Milliman, Inc.</i> Anita McGlothlin, <i>GO<sub>2</sub> Foundation for Lung Cancer</i> <ul style="list-style-type: none"><li><b>Paying for AI and Quality – Link to Population Health</b> <b>Topic Introduction:</b> Bruce S. Pyenson, FSA, MAAA, <i>Milliman, Inc.</i> <b>Topic Overviews &amp; Panelists:</b> Richard Frank, MD, PhD, CPT® Editorial Panel, <i>American Medical Association</i> Ezequiel "Zeke" Silva III, MD, FACR, FSIR, FRBMA, RCC, <i>American Medical Association, Specialty Society RVS Update Committee</i></li></ul>
12:15 PM	<b>LUNCH</b>

1:15 PM	<p><b>SESSION TWO (Continued)</b></p> <p><b>Co-Chairs &amp; Moderators:</b> Bruce S. Pyenson, FSA, MAAA, <i>Milliman, Inc.</i> Anita McGlothlin, <i>GO<sub>2</sub> Foundation for Lung Cancer</i></p> <ul style="list-style-type: none"> <li><b>Innovation and Population Health: Roles of Payers and Radiology Benefit Managers</b></li> </ul> <p><b>Topic Overviews &amp; Panelists:</b> Brandon Conroy, <i>Magellan Health</i> Debra S. Dyer, MD, FACR, <i>National Jewish Health and American College of Radiology</i> Lee Gazourian, MD, MS, <i>Lahey Hospital &amp; Medical Center</i> Laurie E. Gianturco, MD, CPE, <i>UnitedHealthcare Group</i> Ginnie Prater, MD, CCD, CMD, <i>Blue Cross and Blue Shield of Alabama</i></p>
2:15 PM	<b>BREAK</b>
2:30 PM	<p><b>SESSION THREE: CLINICAL IMPLICATIONS OF REPORTING “EMPHYSEMA” ON LOW DOSE CT SCANS FOR CANCER SCREENING</b></p> <p><b>Chair:</b> Albert Rizzo, MD, FCCP, FACP, FAASM, <i>American Lung Association</i></p> <p><b>Moderators:</b> 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"> <li><b>Update on Progress in Publication of a “Perspective” from Previous Workshops</b></li> <li><b>Define Parameters of Quantitation for CT Scan Images Needed to Define Lung Injury in Meaningful Ways</b></li> </ul> <p><b>Topic Overviews &amp; Panelists:</b> Lee Gazourian, MD, MS, <i>Lahey Hospital &amp; Medical Center</i> Paul F. Pinsky, PhD, MPH, <i>National Cancer Institute</i> Samuel Y. Ash, MD, MPH, <i>Brigham and Women's Hospital</i></p>
4:30 PM	<b>BREAK</b>
4:45 PM	<p><b>VIRTUAL BREAKOUT SESSIONS</b></p> <p><b>Two simultaneous working breakouts to develop actionable plans for strategic progress in early thoracic disease outcomes.</b></p> <ul style="list-style-type: none"> <li><b>Clinical Session – Getting Serious About the Public Health Impact of Thoracic CT Imaging</b> <b>Co-Moderators:</b> James L. Mulshine, MD, <i>Rush University Medical Center</i> Rowena Yip, MPH, <i>Icahn School of Medicine at Mount Sinai</i></li> <li><b>Technical Session – Harnessing Photon Counting CT and AI</b> <b>Moderator:</b> Ricardo Avila, MS, <i>Accumetra LLC</i></li> </ul>
5:45 PM	<b>DAY 1 WEBCAST CLOSES</b>

## DAY 2: FRIDAY, NOVEMBER 4

All times listed in Eastern Standard Time

8:50 AM	<b>WEBCAST OPENS</b>
9:00 AM	<p><b>SESSION FOUR: EXPANDING SCREENING'S REACH – FROM CURRENT SCREENING PERCEPTIONS TO DEVELOPING A QUANTITATIVE IMAGING HEALTH METRIC</b></p> <p><b>Chair &amp; Moderator:</b> David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i>  <b>Moderator:</b> Rowena Yip, MPH, <i>Icahn School of Medicine at Mount Sinai</i></p> <ul style="list-style-type: none"> <li> <p><b>Lung Cancer Screening Perceptions in Both Patients and Clinicians: What Do We Know?</b>  <b>Topic Overview:</b> David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i></p> <p><b>Panelists:</b> Wendy Everett, ScD, <i>Avalere</i>            Joelle Fathi, DNP, RN, ARNP, CTTS, FAAN, <i>GO<sub>2</sub> Foundation for Lung Cancer</i>            Tessa F. Flores, MD, <i>Roswell Park Comprehensive Cancer Center</i>            Andrea B. McKee, MD, <i>Lahey Hospital &amp; Medical Center and Radiation Oncology Associates</i>            Providencia Morales, MSN, RN, RT, CCRC, <i>Phoenix VA Medical Center</i></p> </li> <li> <p><b>Intersection of Health and Wellness Quantitation and Early Disease Management</b>  <b>Topic Overview:</b> David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i>            Sydney Kantor, <i>Mount Sinai Health System</i></p> <p><b>Panelists:</b> Mirza Faisal Beg, PhD, PEng, <i>Voronoi Health Analytics</i> and <i>Simon Fraser University (Canada)</i>            Susan K. Fried, PhD, <i>Obesity and Metabolism Institute, Icahn School of Medicine at Mount Sinai</i>            Raj Sareen, MS, <i>STYKU</i></p> </li> </ul>
11:00 AM	<b>BREAK</b>
11:15 AM	<p><b>SESSION FIVE: EXPLORING NEW CT IMAGING &amp; ARTIFICIAL INTELLIGENCE TECHNICAL OPPORTUNITIES</b></p> <p><b>Chair &amp; Moderator:</b> Ricardo Avila, MS, <i>Accumetra LLC</i>  <b>Moderator:</b> Raúl San José Estépar, PhD, <i>Brigham and Women's Hospital and Harvard Medical School</i></p> <ul style="list-style-type: none"> <li> <p><b>New CT Technologies: Opportunities and Challenges</b>  <b>Topic Overview:</b> Mario Silva, MD, PhD, <i>University of Parma (Italy) and UMass Chan Medical School, University of Massachusetts</i></p> <p><b>Example of Innovation: Technical Benefits of Photon Counting CT</b>            James O'Doherty, PhD, CSci, MIPEM, MPE, <i>Siemens Healthineers</i></p> <p><b>Panelists:</b> Raúl San José Estépar, PhD, <i>Brigham and Women's Hospital and Harvard Medical School</i>            Sean Fain, PhD, <i>University of Iowa</i>            Timothy P. Szczykutowicz "Stick," PhD, DABR, <i>University of Wisconsin-Madison</i></p> </li> </ul>
12:15 PM	<b>LUNCH</b>

1:15 PM	<p><b>SESSION FIVE</b> <i>(Continued)</i></p> <p><b>Chair &amp; Moderator:</b> Ricardo Avila, MS, <i>Accumetra LLC</i>  <b>Moderator:</b> Raúl San José Estépar, PhD, <i>Brigham and Women's Hospital and Harvard Medical School</i></p> <ul style="list-style-type: none"> <li>• <b>Integrating AI Into the Lung Health Workflow</b>  <b>Topic Overview:</b> Ricardo Avila, MS, <i>Accumetra LLC</i></li> </ul> <p><b>Panelists:</b> Samuel M. Aguayo, MD, <i>Phoenix VA Health Care System</i>  Ella Kazerooni, MD, MS, <i>Michigan Medicine / University of Michigan Medical School</i>  Anil Vachani, MD, MS, <i>Perelman School of Medicine, Penn Medicine and Philadelphia VA Medical Center</i>  David Yankelevitz, MD, <i>Icahn School of Medicine at Mount Sinai</i></p>
2:15 PM	<b>BREAK</b>
2:30 PM	<p><b>COMBINED VIRTUAL BREAKOUT – RESULTS &amp; ACTION PLANS</b></p> <p><b>Joint session discussion on resulting actionable plans for both topics.</b></p> <ul style="list-style-type: none"> <li>• <b>Clinical Session – Getting Serious About the Public Health Impact of Thoracic CT Imaging</b></li> <li>• <b>Technical Session – Harnessing Photon Counting CT and AI</b></li> </ul>
3:30 PM	<b>FINAL GENERAL DISCUSSION &amp; FEEDBACK</b>
3:45 PM	<b>WORKSHOP CONCLUDES</b>