

1st Conference on Integrating Early Detection of Heart and Lung Disease through Low-Dose CT

Together with

46th International Conference on Screening for Lung Cancer

&

14th Conference on Early Lung Cancer Research on Treatment

September 19 – 21, 2024

Scan & Register

New York Academy of Medicine (NYAM)
1216 5th Ave, New York, NY 10029

Event is Open to Public In-person and Virtually





Thursday, September 19, 2024

08:30–09:10	Welcome and Introduction	C Henschke, M Naghavi, D Yankelevitz
09:10–09:30	Opening Remarks: CVD Burden in 2050 without New Prevention Strategies	R Harrington
09:30–10:30	Session 1: Averting Premature Death from Heart Disease by Early Detection Moderators: D Maron, M McConnell, R Mehran	
	<ul style="list-style-type: none">• ASCVD• Heart Failure• Rhythm Control for Stroke Prevention in Asymptomatic Atrial Fibrillation• Valvular Disease• From Intervention to Prevention	A Ahmadi S Pinney V Reddy S Sharma R Mehran
10:30–11:30	Session 1: Panel Discussions Panelists: A Ahmadi, Z Fayad, S Pinney, V Reddy, S Sharma J Shemesh, N Wong	
11:30–12:30	Lunch Break	
12:30–13:10	Session 2: Averting Premature Death from Lung Disease by Early Detection Moderators: J Mulshine, D Yankelevitz	
	<ul style="list-style-type: none">• Perspective on LDCT Screening for Lung Cancer• Emphysema and COPD• Interstitial Lung Disease• Bronchiectasis	C Henschke A Rizzo M Padilla M Metersky
13:10–13:50	Session 2: Panel Discussions Panelists: C Henschke, E Kazerooni, M Metersky, M Padilla A Rizzo, R Vliegenthart, J Zulueta	
13:50–14:05	Coffee Break	
14:05–14:45	Session 3: Early Detection Opportunities Resulting from Low-Dose CT Moderators: J Mulshine, M Naghavi	
	<ul style="list-style-type: none">• Fatty Liver Disease• Osteoporosis and Sarcopenia• Abnormal Adiposity• Sex and Race Differences in Visceral Fat and CVD	A Branch M Huang J Mechanick S Fried
14:45–15:40	Session 3: Panel Discussions Panelists: A Branch, S Fried, M Huang, J Mechanick	
15:40–16:00	Reinventing Public Health in the Era of AI	C Heaton



Friday, September 20, 2024

09:00–09:15	Tribute to Dr. James P. Smith	D Yankelevitz, P Smith Barrett
09:15–09:30	I-ELCAP Updates	C Henschke
09:30–10:00	Session 4: Practical Challenges in Optimizing and Adopting a Combined Lung and Heart Screening Protocol Moderators: M Cham, M McConnell <ul style="list-style-type: none">• Current Standards• Scanner and Software Quality• CAC Zero, Soft Plaque, Gated vs. Non-Gated	R Vliegenthart J Ramirez-Giraldo K Nasir
10:00–10:45	Session 4: Panel Discussions Panelists: R Avila, K Nasir, J Ramirez-Giraldo, R Vliegenthart	
10:45–11:00	Coffee Break	
11:00–11:45	Session 5: Practical Challenges in Implementation Moderators: D Maron, D Yankelevitz <ul style="list-style-type: none">• Mobile Vans• Rural Areas• Communication with PCP and Physician Burnout• Approvals and Reimbursement for CAC Evaluation• Expanding Eligibility	R Headrick S Aguayo J Rana M Naghavi R Smith
11:45–12:30	Session 5: Panel Discussions Panelists: S Aguayo, V Beckler, J Fathi, R Headrick, S Markowitz J Rana, R Smith	
12:30–13:30	Lunch Break	
13:30–14:30	Session 6: Ethical and Legal Considerations for Communicating Probabilities of Future Events Moderators: J Mulshine, R Yip Panelists: D Maron, G Martin, D Shaham, D Yankelevitz	
14:30–14:45	Coffee Break	
14:45–16:00	Session 7: Diagnostic Panel Moderators: D Shaham, J Zulueta Panelists: S Aguayo, M Cham, T Harkin, E Kazerooni, R Vliegenthart	
16:00 - 17:00	Session 8: Advocacy and Future of Early Detection: A Groundbreaking Model Driving a Comprehensive Service for the Two Leading Causes of Death Moderator: C Grimes Panelists: E Garner, A McGlothlin, M Naghavi, B Pyenson, L Sakoda	



Saturday, September 21, 2024

09:00–09:15	IELCART Updates	C Henschke
09:15–09:45	Session 9: Therapeutic Case Review Moderator: D Yankelevitz Panelists: S Harrison, P Lee, R Headrick, A Wolf	
09:45–10:30	Session 10: Reporting Nonsolid Cancer: Consequences Moderators: F Grannis, D Yankelevitz Panelists: R Flores, L Goldsmith, E Kazerooni, A Rizzo, J Zulueta	
10:30–10:45	Coffee Break	
10:45–11:30	Session 11: Defining Recurrence and Options for Treatment Moderators: N Altorki, L Gros Panelists: M Beasley, R Flores, T Harkin, C Henschke, K Kelly, R Samstein	
11:30–12:15	Session 12: Consideration for Updating Staging and Treatment for Early Stage Lung Cancer Moderators: R Flores, F Hirsch Panelists: N Altorki, M Beasley, C Henschke, K Kelly	
12:15–12:30	Light Lunch	
12:30–14:00	Session 13: Technology Updates Moderators: M McConnell, A Reeves	
	• Elevating Clinical Site Lung Screening Performance with Advanced Calibration Hardware and Software Tools	R Avila
	• Improving Solid Pulmonary Nodule Assessment with Optimized CT Scanning Protocols	I Gipp
	• AI and Workflow Support in Lung Cancer Screening	P Bernholt
	• AI-CVD: opportunistic detection of CVD biomarkers in coronary artery calcium score and lung cancer screening CT scans	C Zhang
	• Harnessing the potential of AI-Enhanced 640-Slice CT for Comprehensive Cardiovascular Assessment and Lung Cancer Screening	Y Gao
	• Background and Offerings to the US Marketplace	S Shah
	• Automation in Lung Cancer Screening and Beyond	V Schneider
14:00–14:45	Integrating Imaging in Primary Prevention: Challenges & Opportunities	V Fuster
14:45–15:00	Closing and Plans for 2025	C Henschke, M Naghavi, D Yankelevitz

Speakers and Moderators

Samuel Aguayo, MD

Phoenix VA Health Care System
Phoenix, AZ

Amir Ahmadi, MD

Mount Sinai Morningside
New York, NY

Nasser Altorki, MD

Weill Cornell Medicine
New York, NY

Ricardo Avila, MS

Accumetra, LLC
Clifton Park, NY

Mary Beth Beasley, MD

Mount Sinai Hospital
New York, NY

Vicki Beckler, MBA, RN

AstraZeneca
Atlanta, Georgia

Peter Bernholt

MeVis Medical Solutions AG
Bremen, Germany

Andrea Branch, PhD

Icahn School of Medicine at Mount Sinai
New York, NY

Matthew Cham, MD

University of Washington Medical Center
Seattle, WA

Joelle Fathi, DNP, RN

Go2 Foundation for Lung Cancer
Seattle, Washington

Zahi Fayad, PhD

Icahn School of Medicine at Mount Sinai
New York, NY

Raja Flores, MD, MS

Icahn School of Medicine at Mount Sinai
New York, NY

Susan Fried, PhD

Icahn School of Medicine at Mount Sinai
New York, NY

Valentin Fuster, MD, PhD

Mount Sinai Hospital
New York, NY

Elizabeth Garner, MD, MPH

American Medical Women's Association
Philadelphia, PA

Ilya Gipp, MD, PhD

GE Healthcare
Atlanta, GA

Yongfeng Gao, PhD

United Imaging
Houston, TX

Lee Goldsmith, MD, JD

Goldsmith & Goldsmith, LLP
Saddle Brook, NJ

Frederic Grannis Jr, MD

City of Hope National Medical Center
Long Beach, CA

Catharine Grimes, MBA

Bristol Myers Squibb Foundation
New York, NY

Louis Gros, MD

Icahn School of Medicine at Mount Sinai
New York, NY

Timothy Harkin, MD

Mount Sinai Hospital
New York, NY

Robert Harrington, MD

Weill Cornell Medicine
New York, NY

Sebron Harrison, MD

NYP–Weill Cornell Medicine
New York, NY

Rob Headrick, MD, MBA

CHI Memorial Rees Skillern Cancer Institute
Chattanooga, TN

Cheryl Heaton, DrPH

New York University
New York, NY

Claudia Henschke, PhD, MD

Icahn School of Medicine at Mount Sinai
New York, NY

Fred Hirsch, MD, PhD

Icahn School of Medicine at Mount Sinai
New York, NY

Mingqian Huang, MD

Icahn School of Medicine at Mount Sinai
New York, NY

Ella Kazerooni, MD, MS

University of Michigan
Northville, MI

Karen Kelly, MD

Int'l Association for the Study of Lung Cancer
Denver, CO

Paul Lee, MD

Northwell Health
New York, NY

David Maron, MD

Stanford University
Stanford, CA

Steven Markowitz, MD, DrPH

Research Foundation of CUNY
New York, NY

Glenn Martin, MD

Icahn School of Medicine at Mount Sinai
New York, NY

Michael McConnell, MD, MSEE

Stanford University
Stanford, CA

Anita McGlothlin

Go2 Foundation for Lung Cancer
Washington, DC

Jeffrey Mechanick, MD

Icahn School of Medicine at Mount Sinai
New York, NY

Roxana Mehran, MD

Icahn School of Medicine at Mount Sinai
New York, NY

Mark Metersky, MD

UConn Health
Farmington, CT

James Mulshine, MD

Rush University
River Forest, IL

Morteza Naghavi, MD

HeartLung.AI
Houston, TX

Khurram Nasir, MD, MPH

Houston Methodist
Houston, TX

Maria Padilla, MD

Mount Sinai Hospital
New York, NY

Sean Pinney, MD

Mount Sinai Morningside
New York, NY

Speakers and Moderators

Bruce Pyenson, FSA, MAAA

Pyenson Healthcare Analytics
Madison, NJ

Juan Carlos Ramirez-Giraldo, PhD

Siemens Healthineers
Cary, NC

Jamal Rana, MD, PhD

Kaiser Permanente
Oakland, CA

Anthony Reeves, PhD

Cornell University
Ithaca, NY

Vivek Reddy, MD

Mount Sinai Hospital
New York, NY

Albert Rizzo, MD

American Lung Association
Hockessin, Delaware

Lori Sakoda, PhD, MPH

Kaiser Permanente Northern California
Pleasanton, CA

Robert Samstein, MD, PhD

Icahn School of Medicine at Mount Sinai
New York, NY

Victoria Schneider, MD

Siemens Healthineers
Erlangen, Germany

Dorith Shaham, MD

Hadassah-Hebrew University Medical Center
Jerusalem, Israel

Joseph Shemesh, MD

Sheba Medical Center
Tel Aviv, Israel

Samin Sharma, MD

Mount Sinai Hospital
New York, NY

Samir Shah, MD

Qure.ai
Gibsonia, PA

Robert Smith, PhD

American Cancer Society
Atlanta, GA

Rozemarijn Vliegenthart, MD, PhD

University Medical Center Groningen
Groningen, The Netherlands

Andrea Wolf, MD, MPH

Mount Sinai Hospital
New York, NY

Nathan Wong, PhD

University of California, Irvine
Irvine, CA

David Yankelevitz, MD

Icahn School of Medicine at Mount Sinai
New York, NY

Rowena Yip, PhD, MPH

Icahn School of Medicine at Mount Sinai
New York, NY

Chenyu Zhang, MS

HeartLung.AI
Houston, TX

Javier Zulueta, MD

Mount Sinai Morningside
New York, NY

Acknowledgements

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