

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

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