

# 1<sup>st</sup> Conference on Integrating Early Detection of Heart and Lung Disease through Low-Dose CT

*Scientific think-tank event exploring new frontiers in averting preventable  
premature deaths through AI-enabled early detection*

*Together with*

## 46<sup>th</sup> International Conference on Screening for Lung Cancer

## 14<sup>th</sup> Conference on Early Lung Cancer Research on Treatment

**Focused On**

Low-Dose CT Screening to Avert Premature Deaths from  
Lung Cancer, Heart Disease, COPD, Osteoporosis, and Fatty Liver Disease

**September 19 - 21, 2024**

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

Event is Open to Public In-person and Virtually



**RE**defining Screening for **H**ear**T** **A**nd **P**ulmonary **E**arly **D**isease (**RESHAPED**) Working Group



# Thursday, September 19, 2024

08:30–09:10	<b>Welcome and Introduction</b>	C Henschke, M Naghavi, D Yankelevitz
09:10–09:30	<b>Opening Remarks: CVD Burden in 2050 without New Prevention Strategies</b>	R Harrington
09:30–10:00	<b>Keynote Lecture: Trends Towards Primordial Prevention</b>	V Fuster
10:00–10:15	<b>Coffee Break</b>	
10:15–11:20	<b>Session 1: Averting Premature Death from Heart Disease by Early Detection</b> Moderators: D Maron, M McConnell, R Mehran	
	<ul style="list-style-type: none"><li>• ASCVD</li><li>• Heart Failure</li><li>• Atrial Fibrillation</li><li>• Valvular Disease</li><li>• Intervention for Prevention</li></ul>	J Narula S Pinney V Reddy S Sharma D Bhatt
11:20–12:20	<b>Session 1: Panel Discussions</b> Panelists: D Berman, D Bhatt, Z Fayad, J Narula, S Pinney, V Reddy S Sharma, J Shemesh, N Wong	
12:20–13:10	<b>Lunch Break</b>	
13:30–14:10	<b>Session 2: Averting Premature Death from Lung Disease by Early Detection</b> Moderators: J Mulshine, D Yankelevitz	
	<ul style="list-style-type: none"><li>• Perspective on LDCT Screening for Lung Cancer</li><li>• Emphysema and COPD</li><li>• Interstitial Lung Disease</li><li>• Bronchiectasis</li></ul>	C Henschke A Rizzo M Padilla M Metersky
14:10–14:50	<b>Session 2: Panel Discussions</b> Panelists: C Henschke, E Kazerooni, M Metersky, M Padilla A Rizzo, R Vliegenthart, J Zulueta	
14:50–15:05	<b>Coffee Break</b>	
15:05–16:30	<b>Session 3: Early Detection Opportunities Resulting from Low-Dose CT</b> Moderators: D Berman, J Mulshine, J Narula	
	<ul style="list-style-type: none"><li>• Fatty Liver Disease</li><li>• Osteoporosis and Sarcopenia</li><li>• Visceral Fat Endocrine</li><li>• Q &amp; A</li></ul>	A Branch M Huang S Fried
16:30–16:50	<b>Reinventing Public Health in the Era of AI</b>	C Heaton
16:50–17:15	<b>Preventive Care: The Best Way to Prolong Life and Contain Cost</b>	R Califf*



# Friday, September 20, 2024

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



# Saturday, September 21, 2024

<b>09:00–09:15</b>	<b>IELCART Updates</b>	C Henschke
<b>09:15–09:45</b>	<b>Therapeutic Case Review</b> Moderator: D Yankelevitz Panelists: S Harrison, P Lee, R Headrick, A Wolf	
<b>09:45–10:30</b>	<b>Reporting Nonsolid Cancer: Consequences</b> Moderators: F Grannis, D Yankelevitz Panelists: J Aerts, R Flores, L Goldsmith, E Kazerooni	
<b>10:30–10:45</b>	<b>Coffee Break</b>	
<b>10:45–11:30</b>	<b>Defining Recurrence and Options for Treatment</b> Moderator: N Altorki Panelists: M Beasley, R Flores, C Henschke, K Kelly, R Samstein	
<b>11:30–12:15</b>	<b>Consideration for Updating Staging and Treatment for Early Stage Lung Cancer</b> Moderator: R Flores Panelists: N Altorki, M Beasley, C Henschke, K Kelly	
<b>12:15–12:30</b>	<b>Coffee Break</b>	
<b>12:30–14:00</b>	<b>Technology Updates*</b> Moderators: Z Fayad, M McConnell, A Reeves	
	<ul style="list-style-type: none"><li>• RadNet/DeepHealth</li><li>• RadPartners</li><li>• GE Healthcare</li><li>• Siemens Healthineers</li><li>• Philips</li><li>• Canon</li><li>• Toshiba</li><li>• Medtronic</li><li>• United Imaging</li><li>• Arineta</li></ul>	<ul style="list-style-type: none"><li>• HeartLung AI</li><li>• Nanox</li><li>• Imbio</li><li>• Bunker Hill</li><li>• Coreline</li><li>• Lunit</li><li>• QureAI</li><li>• Accumetra</li><li>• Median</li><li>• MeVis</li></ul>
<b>14:00–14:15</b>	<b>Closing and Plans for 2025</b>	C Henschke, M Naghavi, D Yankelevitz

\* To be confirmed