

COMPREHENSIVE SCREENING



**48th International Conference on
Screening for Lung Cancer**

&

**16th Conference on Early Lung Cancer
Research on Treatment**

October 9 – 11, 2025

Goldwurm Auditorium

**Icahn School of Medicine at Mount Sinai
1425 Madison Ave, New York, NY 10029**



Event is Open to Public In-person and Virtually

Mission Statement

To achieve early diagnosis and treatment, ultimately leading to prevention or cure of illnesses detected through low-dose chest CT, through the rapid dissemination and advancement of research across a diverse and collaborative network.

Planning Committee

Claudia Henschke, PhD, MD

Icahn School of Medicine at Mount Sinai
New York, NY

David Yankelevitz, MD

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Taipei, Taiwan

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Icahn School of Medicine at Mount Sinai
New York, NY



Thursday, October 9, 2025

08:30–09:00	Introduction to Sessions Welcome Address Meeting Format ELCAP Updates	C Henschke, R Flores D Yankelevitz C Henschke
09:00–09:30	Session 1: Importance of Long-term Prediction Moderator: C Henschke <ul style="list-style-type: none">• Cure Rates• Coronary Calcium• Emphysema• Osteoporosis	R Yip M Cham J Gutierrez M Huang
09:30–10:15	Coffee Break	
10:15–10:45	Session 2: Advances in CT Technology and Dose Optimization Moderators: D Yankelevitz, M Cham <ul style="list-style-type: none">• Summary of JAMA Article• Medical Physics Society Estimates of Risk• Next generation CT / Radiation Dose Reduction	F Grannis S Fain Siemens
10:45–11:15	Session 2: Panel Discussion Moderator: M Cham Panelists: S Fain, F Grannis, E Kazerooni, Siemens	
11:15–12:15	Session 3: Diagnostic and Therapeutic Technology Updates Moderator: N Rofsky <ul style="list-style-type: none">• Hardware Updates• Endobronchial Directed Innovations• AI Applications	
12:15–13:15	Lunch Break	
13:15–13:45	Session 4: Imaging Technologies and Their Impact on Early Lung Cancer Detection Moderator: TBN <ul style="list-style-type: none">• Chest X-ray (PLCO and MAYO, etc - 5 mins)• AI (5 mins)• Tomosynthesis• Evolution of CT - Transition from Single Slice Helical to Photon Counting	R Yip Qure.ai N Tripuridet R Vliegenthart
13:45–14:30	Keynote Lecture Introduction: C Henschke A New Paradigm for Analysis of Randomized Trials on Screening for a Cancer	D Yankelevitz
14:30–15:00	Session 5: Small Lung Nodule Profile Moderator: J Mulshine Panelists: R Avila, S Fain, R Vliegenthart	
15:00–15:30	Coffee Break	
15:30–16:00	Session 6: Teaching File and Diagnostic Case Review Moderator: D Shaham <ul style="list-style-type: none">• Self assessment• Interreader variability for cystic lesions Panelists: J Amankulov, M Cham, E Kazerooni, J Stojanovska, R Vliegenthart	D Shaham L Zhang



Friday, October 10, 2025

09:00–09:30	Session 7: Approach to limited resource countries Moderator: C Henschke <ul style="list-style-type: none">• Central Asia• Africa• Latin America	J Amankulov C Semondile L Viola
09:30–10:00	Session 7: Panel Discussion Panelists: S Gardner, C Grimes, C Heaton, J Mensah, N Schluger	
10:00–10:30	Session 8: New Horizons and Comprehensive Screening Moderator: C Henschke <ul style="list-style-type: none">• AI-CVD Working Group• Myosteatorsis• Epicardial fat• Hepatosteatorsis• Bronchiectasis	M Naghavi S Fried J Stojanovska A Branch M Metersky
10:30–10:45	Coffee Break	
10:45–11:30	Session 8: Panel Discussion (Comprehensive Screening: Ready for Implementation?) Moderators: J Mulshine, D Yankelevitz Panelists: S Aguayo, H Chen, E Kazerooni, B Pyenson, N Rofsky, R Vliegenthart	
11:30–12:00	Session 9: End Game Moderator: C Heaton <ul style="list-style-type: none">• TBN• TBN	TBN TBN
12:00–12:30	Session 9: Panel Discussion Moderators: TBN Panelists: TBN	
12:30–13:00	Lunch Break	
13:00–13:30	Session 10: Other High Risk Populations: When to Screen and What to Screen Moderator: S Markowitz <ul style="list-style-type: none">• Never smokers• Veterans - Croatia• Asbestos• Nuclear energy• Biomass• Indoor Cooking	H Chen M Samarzija E Taioli S Markowitz C Noonan TBN
13:30–14:00	Session 10: Panel Discussion (What type of evidence?) Panelists: H Chen, C Noonan, B Pyenson, R Smith, E Taioli	
14:00–14:30	Coffee Break	
14:30–15:00	Session 11: Pragmatic Pathways and Real World Implementation Moderator: D Yankelevitz <ul style="list-style-type: none">• Status on Global Lung Cancer Screening• Workforce and Capacity• Technology Integration• Protocol Efficiency	Health Policy Network R Headrick D Yankelevitz R Vliegenthart
15:00–15:30	Session 11: Panel Discussion Panelists: TBN	



Saturday, October 11, 2025

09:00–09:30	Session 12: Surgical Decision Making Moderator: D Yankelevitz <ul style="list-style-type: none">• Thresholds on when to operate (current standards)• Surgeons' consideration• Decision theoretical approach	B Housman R Flores K Hicklin
09:30–10:00	Session 12: Panel Discussion Panelists: 10 Thoracic Surgeons: N Altorki, R Flores, F Grannis, R Headrick	
10:00–10:30	Session 13: Radiation Therapy for Early Stage Disease Moderator: R Flores <ul style="list-style-type: none">• Surgery vs. SBRT (JTO)• VALOR Trial• What will it take	R Yip D Moghanaki N Altorki
10:30–10:45	Coffee Break	
10:45–11:15	Session 14: Therapeutic Case Review Moderators: N Altorki, D Yankelevitz Panelist: P Lee, D Jones, D Moghanaki, H Pass, R Flores	
11:15–11:45	Session 15: Treatment Enhancers Moderator: S Markowitz <ul style="list-style-type: none">• Nutrition• Exercise• Microbiome	F Zhang A Wolf TBN
11:45–12:15	Session 15: Panel Discussion Panelists: A Wolf, F Zhang, TBN	
12:15–12:30	Light Lunch	
12:30–13:00	Session 16: Modification to Current Staging System for Early Stage Disease Moderator: N Altorki <ul style="list-style-type: none">• Radiologic Insights• Pathologic Insights	C Henschke E Thunnissen
13:00–13:15	Closing Statements and Future Meetings	C Henschke, D Yankelevitz