



AGILE^{DxRx} Conference

Alliance for Global Implementation of Lung and Cardiac Early Disease Detection and Treatment

45th International
Conference on Screening
for Lung Cancer

&

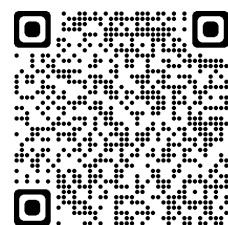
13th Conference on
Research for Early Lung
Cancer Treatment

May 9 - May 11, 2024

Universidad de Navarra
Sede de Postgrado
C. del Marquesado de Sta. Marta, 3, 28027
Madrid, Spain

A Hybrid Conference

Organized by the Early Diagnosis and Treatment Foundation and
the Institute for Diagnostic Accuracy (iDNA)



SCAN & REGISTER

"Catalyzing International Thoracic Screening Innovation through Collaboration"



AGILE^{DxRx} Mission Statement

The early detection of lung cancer using thoracic CT has been widely demonstrated in multiple international trials to objectively increase cure rates. Now the international focus is on effective and economical implementation. Increasingly, it is emerging that thoracic CT screening is also detecting a range of early tobacco-related diseases including cardiovascular disease and chronic obstructive pulmonary disease. These three diseases comprise the 'BIG3', as they collectively account for close to half of the premature deaths globally. Thoracic CT screening presents a unique opportunity to integrate care for this high risk cohort with a single imaging examination. We plan to develop optimized protocols for evaluation of these major diseases, explore challenges and define solutions in enabling implementation, especially for economically disadvantaged countries across the world. A core strategy in achieving this ambitious goal is to leverage the use of AI processes across the continuum of care, including its use for risk assessment, disease detection and managing disease interventions.

Planning Committee

Claudia Henschke, PhD, MD

Icahn School of Medicine at Mount Sinai
New York, NY

Matthijs Oudkerk, MD, PhD

University of Groningen
Groningen, Netherlands

David Yankelevitz, MD

Icahn School of Medicine at Mount Sinai
New York, NY

James Mulshine, MD

Rush University
Chicago, IL

John Field, MA, PhD, BDS, FRCPath

University of Liverpool
Liverpool, United Kingdom

Mario Silva, MD, PhD

University of Parma
Parma, Italy

Luis Seijo, MD

University of Navarra
Navarra, Spain



Thursday, May 9, 2024

09:00 - 10:00	Introduction to Sessions Welcome Statements Introduction of Hospital Representation from Spain Organization Research Updates Format of Meeting	C Henschke, M Oudkerk L Seijo F Matute C Henschke, M Oudkerk D Yankelevitz
10:00 - 11:15	Global Implementation: Challenges Moderators: J Mulshine, R Smith Panelists: T Blum, E Kazerooni, L Seijo, L Viola, H Wilcox, P-C Yang	
11:15 - 11:45	Coffee Break	
11:45 - 13:00	Enrollment Criteria and Recruitment Moderators: E Taioli, C van der Aalst Panelists: T Blum, JP de Torres, M Samaržija, K ten Haaf, P-C Yang	
13:00 - 14:00	Technology Updates for Lung Cancer Screening Moderators: A Reeves, D Yankelevitz Calibration Devices MIDRC Photon Counting Lung Parenchyma Integrated Analysis End-to-End Management Cardiac Chambers Precision in Lung Biopsies from Decision to Incision MONAI: An Open-Source Platform for Building AI	R Avila M Giger V Schneider S Fain A van Rossem M Naghavi I Gipp NVIDIA
14:00 - 15:00	Lunch Break	
15:00 - 15:45	Image Biomarkers Moderators: B Pyenson, D Yankelevitz Introduction: P van der Leest Panelists: M Calhoun, R Jang, F Brag, V Potesil, R Devi, L Montuenga	
15:45–16:15	Simons Foundation International Endowed Lecture Introduction: C Henschke International Standards Interoperability and Primary Reads	K Myers
16:15–17:15	Diagnostic Case Review Moderators: L Seijo, D Shaham Panelists: G Bastarrika, M Cham, E Kazerooni, M Samaržija, L Viola	
17:15–18:00	African Initiative (Egypt, Ethiopia, Ghana, Kenya, Nigeria) Moderators: C Henschke, R Osarogiagbon Panelists: HSW Mikhael, W Bekele, JS Afriyie-Mensah, L Atundo, C Anosike	



Friday, May 10, 2024

- 08:30–09:45** **CT Image Acquisition and Interpretation: The Need for Standardization**
Moderators: M Oudkerk, M Silva
Panelists: R Avila, M Giger, K Myers, A Walstra
- 09:45–11:00** **CT Protocol Management Updates**
Moderators: C Henschke, R Yip
Panelists: J Gratama, H Lancaster, E Kazerooni, M Silva, D Yankelevitz
- 11:00–11:30** **Coffee Break**
- 11:30–12:45** **Cost Effectiveness**
Moderators: H de Koning, J Mulshine
Introduction: B Pyenson, K ten Haaf
Panelists: M Naghavi, M Oudkerk, B Pyenson, E Taioli, K ten Haaf
- 12:45–13:45** **Lunch Break**
- 13:45–15:00** **AI for Lung Nodules**
Moderators: H Lancaster, M Silva
Panelists: J Gratama, B Hochhegger, K Myers, A Reeves, D Yankelevitz
- 15:00–16:15** **International Data Security and Consequences for Implementation**
Moderators: J Mulshine, A Reeves
Introduction: D Clunie, A van Rossem
Panelists: R Avila, D Clunie, M Giger, A van Rossem
- 16:15–17:15** **Optimizing Precision in Comprehensive Annual Chest CT Imaging**
Moderators: C Aldigé, J Mulshine
Panelists: R Avila, M Cham, S Fain, J Gratama, M Oudkerk



Saturday, May 11, 2024

08:30–09:30

Therapeutic Updates

Moderator: R Flores

Surgical Techniques

Radiotherapy

Adjuvant and Neoadjuvant Stage I

Bronchoscopic Applications

H Chen

R Samstein

K Kelly

K Lau

09:30–10:30

Surgical Considerations for Global Implementation

Moderator: A Eggermont, F Grannis

Panelists: H Chen, R Flores, M Infante, U Pastorino, JC Trujillo

10:30–11:30

Therapeutic Case Review

Moderator: D Yankelevitz

Panelists: H Chen, R Flores, M Infante, K Lau, R Samstein, JC Trujillo

11:30–12:00

Coffee Break

12:00–13:00

Education and Workforce Considerations

Moderators: M Cham, L Kim

Panelists: C Healton, J Sanz, L Viola, J Vogel-Claussen, H Wilcox

13:00–14:00

Future Horizons for Thoracic Screening

Moderators: R Lee, B Pyenson

Panelists: A Eggermont, C Healton, A McGlothlin, J Vogel-Claussen, P-C Yang

14:00–14:30

Closing Statements and Future Meetings

Moderators: C Henschke, M Oudkerk