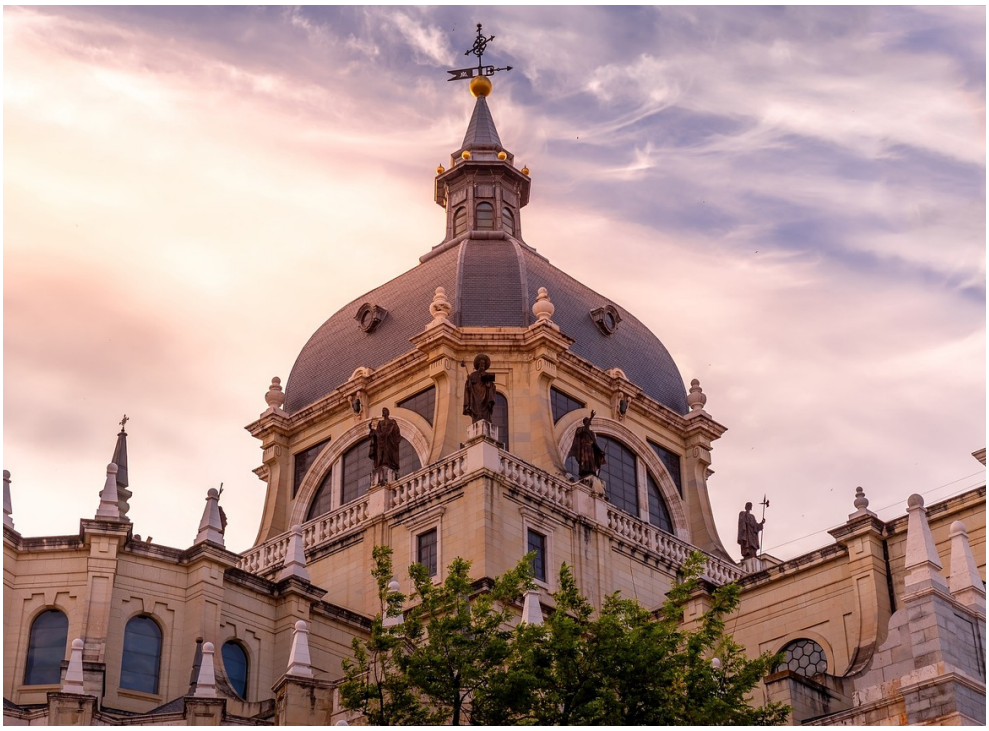

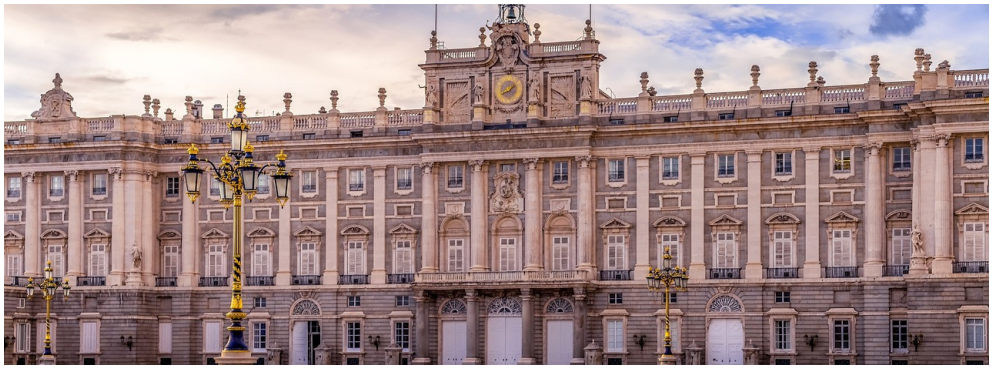

AGILE DxRx Conference

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

SCAN & REGISTER

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

"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

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University of Parma
Parma, Italy

Thursday, May 9, 2024

09:00 - 10:00 **Introduction to Sessions**

Welcome Statements	**C. Henschke, M. Oudkerk**
Introduction of Hospital	L. Seijo
Representation from Spain	F. Matute
Organization Research Updates	C. Henschke, M. Oudkerk
Format of Meeting	D. Yankelevitz

10:00 - 11:15 **Global Implementation: Challenges**
Moderators: C. Aldigé, J. Mulshine
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	R. Avila
MIDRC	M. Giger
Photon Counting	Siemens
Lung Parenchyma	S. Fain
Integrated Analysis End-to-End Management	A. van Rossem
Cardiac Chambers	M. Naghavi
Precision in Lung Biopsies from Decision to Incision	I. Gipp
MONAI: An Open-Source Platform for Building AI	NVIDIA

14:00 - 15:00 **Lunch Break**

15:00 - 15:45 **Image Biomarkers**
Panelists: Aidence, Coreline, Median Technologies, MeVis, Optellum, Qure.ai
Riverain, Siemens

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: S. Aguayo, G. Bastarriska, M. Cham, E. Kazerooni, M. Samaržija, L. Viola

17:15—18:00 **African Initiative**
Moderators: C. Henschke, R. Osarogiagbon
Panelists: Egypt, Ethiopia, Ghana, Kenya, Nigeria

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, M. Heuvelmans, 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: M. Heuvelmans, B. Hochhegger, K. Myers, S. Zheng

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, S. Zheng

16:15—17:15 **Optimizing Precision in Comprehensive Annual Chest CT Imaging**
Moderators: C. Aldigé, J. Mulshine
Panelists: R. Avila, M. Cham, S. Fain, M. Heuvelmans

Saturday, May 11, 2024

08:30—09:30 **Therapeutic Updates**
Moderator: R. Flores

Surgical Techniques	H. Chen
Radiotherapy	R. Samstein
Adjuvant and Neoadjuvant Stage I	K. Kelly
Bronchoscopic Applications	K. Lau

09:30—10:30 **Surgical Considerations for Global Implementation**
Moderator: N. Altorki
Panelists: H. Chen, R. Flores, M. Infante, JC. Trujillo

10:30—11:30 **Therapeutic Case Review**
Moderator: D. Yankelevitz
Panelists: N. Altorki, H. Chen, R. Flores, M. Infante, 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-Santos, L. Viola, J. Vogel-Claussen, H. Wilcox

13:00—14:00 **Future Horizons for Thoracic Screening**
Moderators: R. Lee, B. Pyenson
Panelists: J. Chorostowska-Wynimko, C. Healton, J. Vogel-Claussen, P-C. Yang

14:00—14:30 **Closing Statements and Future Meetings**
Moderators: C. Henschke, M. Oudkerk