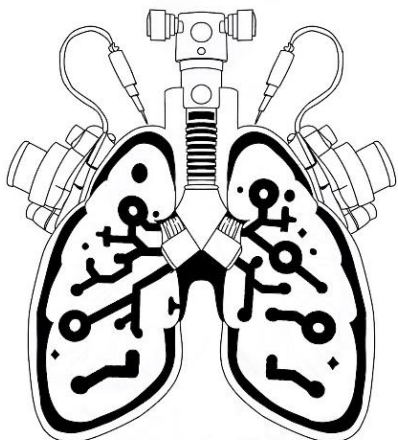




Artificial Intelligence and Robotics for Lung Disease Conference

Wednesday 28th January 2026 #Ai&Bots4Lung



Revolutionizing Lung Cancer Diagnosis and Treatment:
AI Radiology and Robotic Bronchoscopy

Cost:
£280 Full Delegate
£250 Virtual

Venue:
The Royal College of Physicians
London, NW1 4LE

Register:
<https://www.royalmarsden.nhs.uk/AIlungconference>

Get in touch:
Conferenceteam@rmh.nhs.uk
020 7808 2921

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Overview:

Are you ready to explore the future of thoracic medicine? Dive into the transformative world of artificial intelligence and robotics at our upcoming conference, dedicated to the groundbreaking advancements in the diagnosis and treatment of lung disease.

Why Attend?

- **Early Diagnosis with AI Radiology:** Discover how advanced AI algorithms are revolutionizing radiology, enabling earlier and more accurate detection of lung cancer. Learn from top radiologists who are leveraging machine learning to pinpoint malignancies at stages previously unimaginable, leading to timely and life-saving interventions.
- **Precision and Innovation in Robotic Bronchoscopy:** Engage with leading pulmonologists and thoracic surgeons as they demonstrate the latest in robotic bronchoscopy technology. See firsthand how these innovations facilitate precise biopsies and interventions, ensuring minimal invasiveness and enhanced patient safety.
- **Improved Treatment Outcomes:** Understand the critical link between early diagnosis and improved treatment efficacy. Hear from oncologists about the latest treatment protocols that, when combined with early detection, significantly boost survival rates and preserve lung function, offering patients a better quality of life.
- **Collaborative Insights:** Network with esteemed colleagues across radiology, pulmonology, thoracic surgery, and oncology. Share knowledge, discuss case studies, and collaborate on multidisciplinary approaches that push the boundaries of what's possible in lung disease treatment.
- **Featured Sessions:**
 - AI in Thoracic Imaging: Current Trends and Future Directions
 - Robotic Bronchoscopy: Techniques and Case Studies
 - Integrating AI Diagnostics with Clinical Practice
 - Multidisciplinary Approaches to Lung Cancer Treatment

This multi-disciplinary course looking at the role of AI & Robotics in Lung cancer is aimed at oncologists, radiologists, pathologists, thoracic surgeons, respiratory physicians, GPs, clinical researchers, as well as trainees, CNSs and AHPs.

Register Today and be a part of this pivotal event. Transform your practice, inspire your peers, and enhance patient care through the power of AI and robotic technology.

Elevate your practice. Save lives. Lead the future.

CPD points are applied for from The Royal College of Physicians

Programme

08:30 Registration and Coffee

08:50 Welcome and Introduction

Artificial Intelligence and Radiology

09:00 **Lung Cancer Screening: More Radiologists or AI Solutions**
Dr Arjun Nair, University College London, London, UK

09:20 **Structural AI Imaging in Emphysema**
Prof. Edwin Van de Beek, Edinburgh, UK

09:35 **AI Imaging in Interstitial Lung Disease**
Dr Peter George, London, UK

09:50 **Functional AI Imaging**
Dr Greg Mogel, San Francisco, USA

10:10 Discussion

10:20 MDT Case

10:30 Break & Networking

Diagnosis of Pulmonary Nodules

11:00 **TTNB: The Gold Standard**
Dr Anna Sharman, Manchester University NHS Foundation Trust, UK

11:20 **AI Fluoroscopy and Bronchoscopy: Middle Ground**
Dr Joe Cicenía, Cleveland, USA

11:40 **Case for Robotics: The New Standard**
Dr Kyle Hogarth, Chicago, USA

12:00 Discussion

12:15 MDT Case

12:30 Lunch & Exhibition Networking Session

The Big Debate: Surgery for Peripheral (2cm) Lung Cancer

13:30 **Uniportal VATS Lobectomy: The Only Way**
Prof. Eric Lim, Royal Brompton Hospital, London, UK

14:00 **Robotic Segmental Resections: The Way Forward**
Prof. Marion Durand, Groupe Hospitalier Privé Ambroise Paré Hartmann, Paris, France

14:30 Rebuttals & Discussion

Other Therapeutic Options for Early Lung Cancer

14:50 **Systemic Treatment for Early Lung Cancer: Where are we going?**
Prof. Sanjay Popat, Royal Marsden Hospital, London, UK

15:10 **Next Generation Radiation Strategies**
Dr Fiona MacDonald, London, UK

15:30 Break & Networking

16:00 **Robotic Assisted Ablation & Local Therapies**
Prof. Pallav Shah, Royal Brompton Hospital, London, UK

16:15 Discussion

16:30 MDT Case

16:45 **Using ctDNA in Early Disease: Is it helpful or a hinderance?**
Prof. Sanjay Popat, Royal Marsden Hospital, London, UK

17:00 **Ai Pathology**
Dr Jan Lucas Robertus, London, UK

17:15 Discussion & Closing Remarks

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The above sponsors provided funding for the meeting and have stands at the event, but they have had no input into the programme, selection of speakers or topics.