

Artificial Intelligence & Robotics for Lung Conference 2026 Wednesday 28th January 2026 Venue: The Royal College of Physicians, 11 St Andrews Place, London, NW1 4LE	
Time	Session
08:15 - 08:50	Registration and refreshments
08:50 - 09:00	Welcome <i>Professor Pallav Shah, Professor of Respiratory Medicine, Imperial College London and Consultant Physician, Royal Brompton Hospital</i>
Artificial Intelligence and Radiology	
09:00 - 09:20	Lung cancer screening: more Radiologists or AI Solutions <i>Dr Arjun Nair, Consultant Radiologist, University College London</i>
09:20 - 09:35	Structural AI Imaging in Emphysema <i>Professor Edwin J.R. Van Beek, Director, Clinical Research Imaging Centre, University of Edinburgh</i>
09:35 - 09:50	AI Imaging in Interstitial Lung Disease <i>Dr Peter George, Consultant Respiratory Physician, Royal Brompton Hospital</i>
09:50 - 10:05	Functional AI Imaging in Lung Disease <i>Dr Greg Mogel, Chief Medical Officer, 4DMedical, San Francisco, USA</i>
10:05 - 10:15	Discussion
10:15 - 10:30	MDT Case
10:30 - 11:00	Break
Diagnosis of Pulmonary Nodules	
11:00 - 11:20	TTNB: The Gold Standard <i>Dr Anna Sharman, Consultant Radiologist, Manchester University NHS Foundation Trust</i>
11:20 - 11:40	AI fluoroscopy and bronchoscopy: Middle Ground <i>Dr Joseph Cicensia, Pulmonologist, Cleveland Clinic, Ohio, USA</i>
11:40 - 12:00	Case for Robotics: The New Standard <i>Professor Kyle Hogarth, Professor of Medicine, Section of Pulmonary and Critical Care Medicine, University of Chicago, USA</i>
12:00 - 12:15	Discussion
12:15 - 12:30	MDT Case
12:30 - 13:30	Lunch
The Big Debate: Surgery for Peripheral (2cm) Lung Cancer	
13:30 - 14:00	Uniportal VATS lobectomy: The Only Way <i>Mr Eric Lim, Consultant Thoracic Surgeon, Royal Brompton Hospital</i>
14:00 - 14:30	Robotic segmental resections: The Way Forward <i>Professor Marion Durand, Paris</i>
14:30 - 14:50	Rebuttals & Discussion
Other Therapeutic Options for Early Lung Cancer	
14:50 - 15:10	Systemic treatment for early lung cancer: where are we going? <i>Professor Sanjay Popat, Consultant Medical Oncologist, The Royal Marsden NHS Foundation Trust</i>
15:10 - 15:30	Next Generation Radiation strategies <i>Dr Fiona McDonald, Consultant Clinical Oncologist, The Royal Marsden NHS Foundation Trust</i>
15:30 - 16:00	Break
16:00 - 16:15	Robotic Assisted Ablation & Local Therapies <i>Professor Pallav Shah, Professor of Respiratory Medicine, Imperial College London and Consultant Physician, Royal Brompton Hospital</i>
16:15 - 16:30	Discussion
16:30 - 16:45	MDT Case
16:45 - 17:00	Using ctDNA in Early Disease: Is it helpful or a hinderance? <i>Professor Sanjay Popat, Consultant Medical Oncologist, The Royal Marsden NHS Foundation Trust</i>
17:00 - 17:10	AI ROSE <i>Professor Kyle Hogarth, Professor of Medicine, Section of Pulmonary and Critical Care Medicine, University of Chicago, USA</i>
17:10 - 17:20	AI Pathology <i>Dr Jan Lucas Robertus, London</i>
17:20 - 17:30	Discussion
17:30	Close of Event