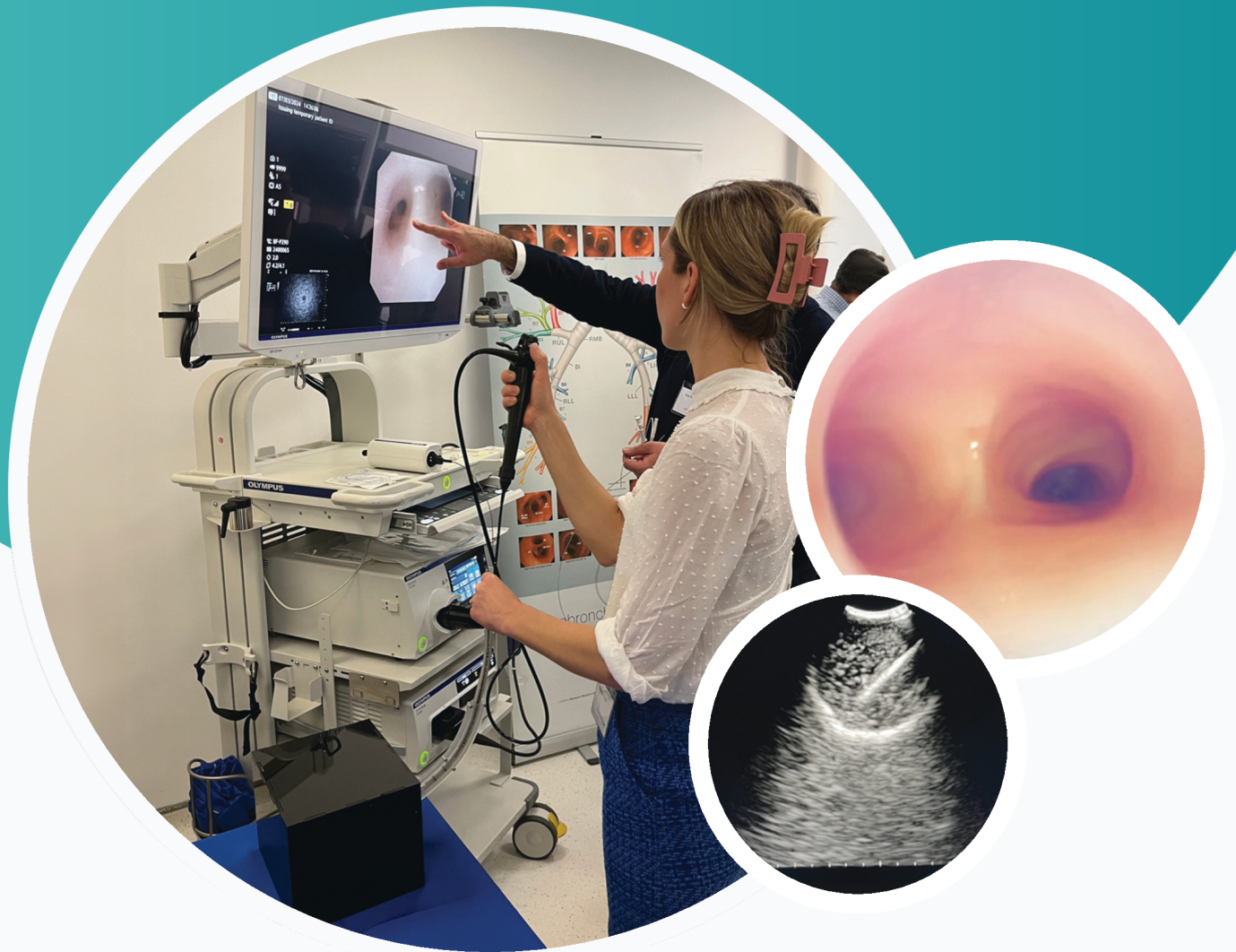


OMIO Lung



ADVANCED TRAINING MODELS FOR INTERVENTIONAL PULMONOLOGY

OmioLung models are the world's most advanced training models for interventional pulmonology. Designed for clinical training in endobronchial ultrasound, peripheral bronchoscopy, and robotic-assisted procedures, they provide realistic patient-specific anatomy, multi-modality imaging contrast and tactile feedback during needle insertions.



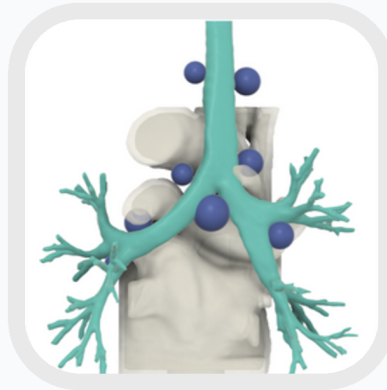
ANATOMICAL REALISM

OmioLung training models include:

- airways
- lymph nodes
- peripheral and central nodules
- vasculature

Optimized for:

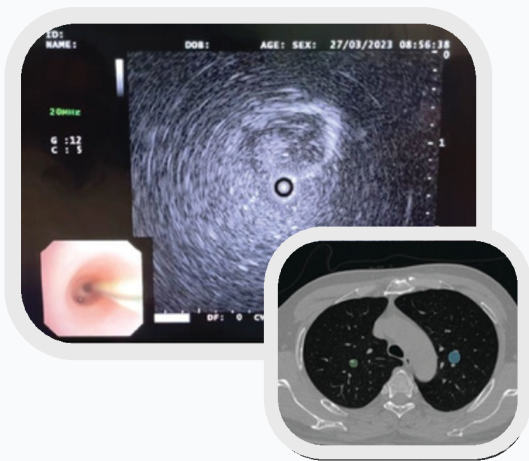
- endobronchial ultrasound (EBUS) & radial-EBUS
- needle insertions
- robotic-assisted procedures



OmioLung-Cx



OmioLung-Px



MULTIMODAL IMAGE CONTRAST

OmioLung training models provide realistic contrast for bronchoscopy, EBUS, radial-EBUS. Peripheral nodules can be differentiated with computed tomography (CT). They allow for smooth insertion of devices and provide realistic resistance during needle insertions. They are fully compatible with robotic-assisted bronchoscopy.

“There is nothing like this out there today. This is incredibly life-like and will revolutionise bronchoscopy training.”

- Professor Neal Navani, University College London Hospital, London, UK

OmioLabs: advanced training models for interventional pulmonology

Founded in 2023 in London (UK) as a spin-out of the University College London, OmioLabs is an innovative healthcare anatomical models company with deep expertise in tissue-mimicking materials, scalable fabrication processes and medical imaging. Our mission is to transform clinical training, education and medical device development.

Specifications

OmioLung-Cx

OmioLung-Px

Applications	Central Lymph Nodes (Linear EBUS)	Peripheral Nodules (Bronchoscopy / Radial-EBUS)
Air ways	From trachea to 4th sub-segmental bronchi	From trachea to 5th sub-segmental bronchi
Lymph nodes / nodules	8-20 mm in diameter (S2-S11)	8-15 mm in diameter (8 nodules)
Vasculature	SVC, azygos vein, pulmonary artery, aorta	None
Dimensions	170 x 180 x 125 mm	175 x 200 x 135 mm
Weight	5 kg	4.5 kg