

A Philips Azurion Lung Edition medical device is shown in a clinical setting. The device is white with a large monitor displaying a chest X-ray. A patient bed is positioned in front of the device. The Philips logo is visible on the device's arm.

PHILIPS

Azurion Lung Edition

Image guided therapy

Azurion Lung Edition

All-in-one diagnosis and treatment

At Philips, we constantly collaborate with our clinicians to seek new ways to expedite care pathways and get patients home faster and healthier. On the journey towards improving lung cancer care we are inspired by physicians who strongly believe that image guidance and Cone beam CT is key to improve lung cancer diagnosis and treatment. We have designed a revolutionary 3D imaging and navigation platform that supports high-precision diagnosis and minimally invasive therapy, in one room. This Azurion Lung Edition provides an outstanding user experience with high-quality imaging at low X-Ray dose levels.

All-in-one diagnosis and therapy of lung cancer

On the journey towards improving lung cancer care we are inspired by physicians who strongly believe that image guidance and Cone beam CT is key to improve lung cancer diagnosis and treatment. What we can achieve together is a high diagnostic yield and we can open the door to new minimally invasive treatments. More and more centers around the globe are implementing this pioneering approach with the aim of shortening the long journey to diagnosis and treatment.



“Cone beam CT gives us greater confidence during biopsy and is a must for future ablative technologies.”

Michael Pritchett, DO, MPH, Pulmonologist First Health Moore Regional Hospital, NC, USA



“Our field is changing and we need the right technologies and a multidisciplinary approach to be prepared for it. Cone beam CT is one those technologies that will help us drive that change.”

Dr. William Krinsky, Director of the Center for Interventional Pulmonology, Medstar Health, USA



“Cone beam CT navigation bronchoscopy will not only improve nodule localization, but also enable peripheral therapeutic advancements. This is the future of bronchoscopy.”

Dr. George Cheng, Interventional Pulmonologist, UCSD, USA

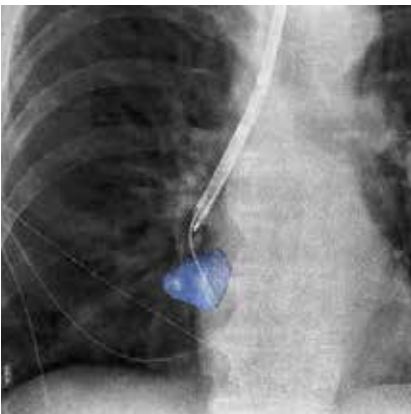
Key elements of Azurion Lung Edition

Lung suite software



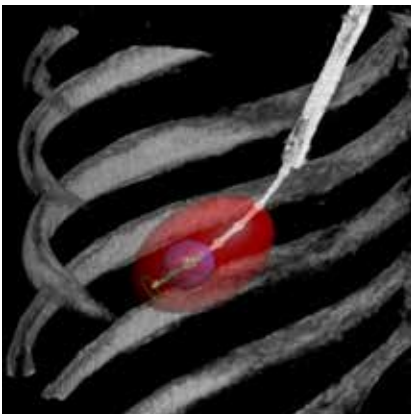
XperCT Dual

High-quality intra-operative Cone beam CT allows you to visualize and segment lung lesions and determine the optimal endobronchial approach.



3D Roadmap

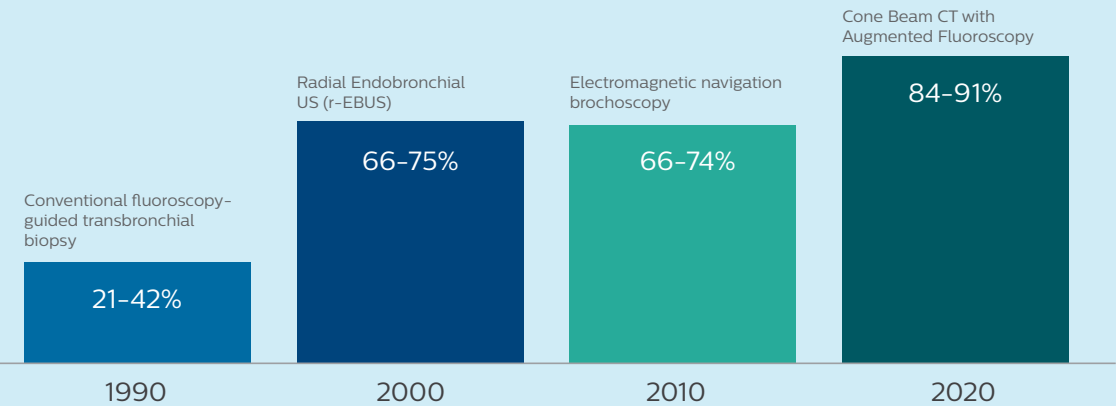
(Augmented fluoroscopy)
The 3D Cone beam CT image of the segmented lesion is overlaid on live fluoroscopy and automatically adapts to the position you are working in.



XperGuide Ablation

During planning, XperGuide Ablation visualizes the specific ablation zones. After positioning of the ablation device, XperGuide Ablation can be used to verify tumor coverage using Cone beam CT data acquired before activating the specified ablation device.

Evolution of diagnostic yield for peripheral pulmonary lesions



High diagnostic yield

The combination of Cone beam CT and augmented fluoroscopy has been vital in increasing diagnostic yield in interventional bronchoscopy. An intra-operative 3D Cone beam CT image of the segmented lesion is overlaid on live fluoroscopy, which provides real time visualization of tool position with respect to the lesion. This overlaid image has geometric correspondence and automatically adapts to the working position.

High image quality with low radiation dose

To meet the specific and specific, unique requirements for interventional bronchoscopy procedures, new low-dose lung protocols have been introduced. These 3D and 2D imaging protocols have been developed together with leading physicians to provide excellent image quality at low radiation dose.



“Low-dose protocols allow us to perform repeated scans with specific quality to increase our biopsy precision and thus navigation accuracy with confidence. It’s proven not only a means of reducing the radiation dose, but it also helps us to increase our diagnostic yield.”

Dr. Erik van der Heijden, Interventional Pulmonologist, Radboud, Nijmegen



Workflow designed for bronchoscopy

Azurion is known for its ease of use in the world of interventional radiology. This great platform is now tailored to your needs and provides an optimal workflow that is designed for bronchoscopy. Dedicated lung procedure cards are embedded that enable a one-click system set-up.

Learn more. Visit: www.philips.com/lungsuite

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