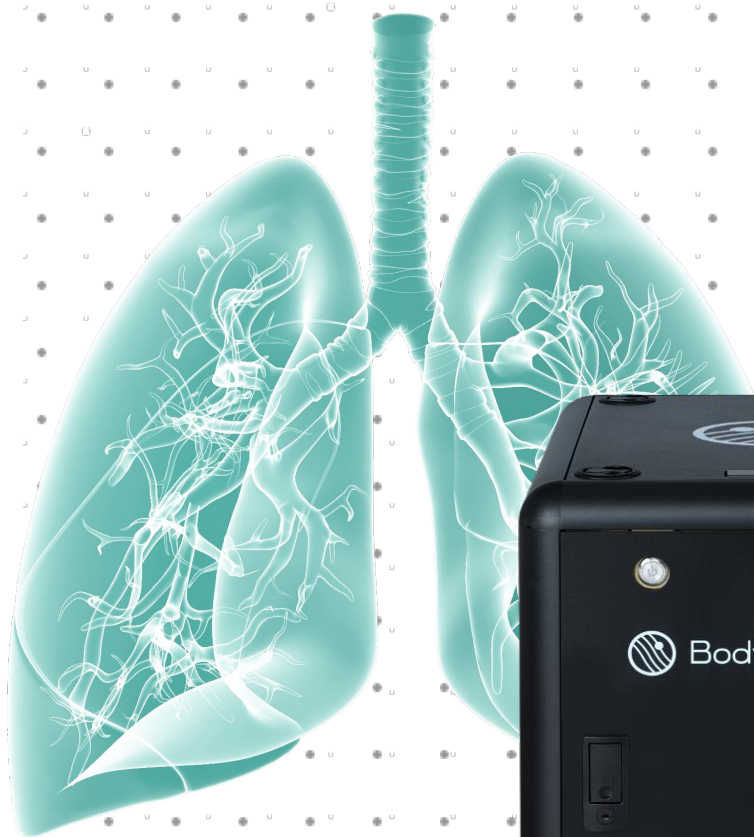


LungVision[®] AI Tomography

A Breakthrough Innovation
in **Navigational Bronchoscopy**
and **Real-Time Imaging**








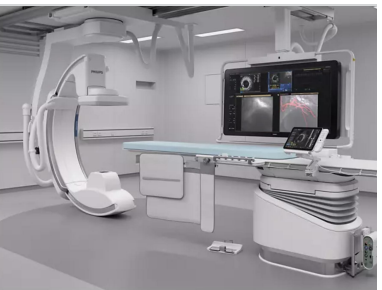


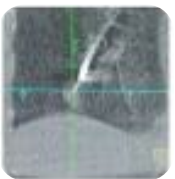
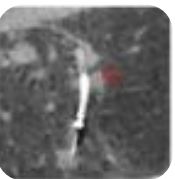
LungVision® by Body Vision Medical

LungVision® by Body Vision Medical leverages AI to convert any C-arm fluoroscope into a **real-time tomographic imaging system enhanced with augmented fluoroscopic navigation.**

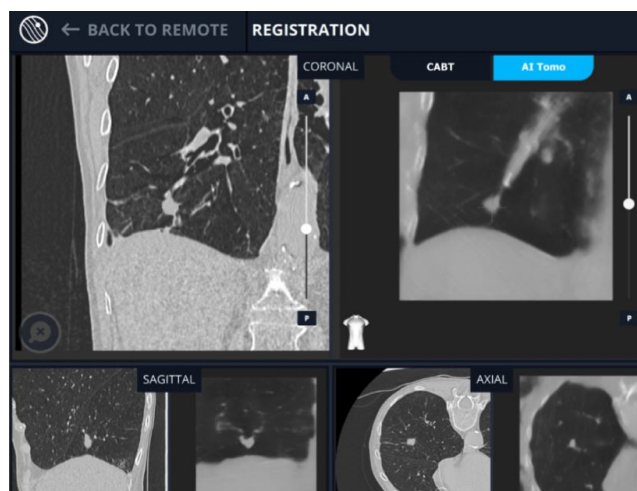
This technology enables bronchoscopists **to diagnose and treat lung cancer more efficiently and cost-effectively**, ultimately saving lives while reducing healthcare expenses.

Real-Time Imaging at Reduced Radiation and Cost

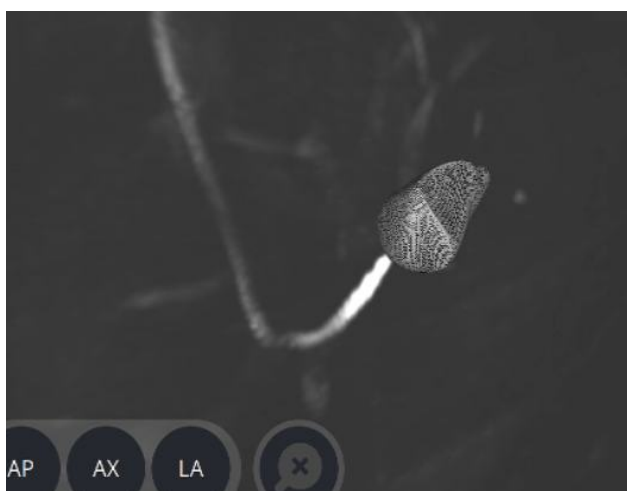
Body Vision's proprietary AI-powered imaging algorithm is developed from thousands of real-world patient CT scans. This results in the capability to produce **exceptional intraoperative tomographic imaging and augmented fluoroscopy at a fraction of the cost and radiation exposure** compared to fixed or mobile cone-beam CT (CBCT) systems.

	 AI Tomography® LungVision®	 Digital Tomosynthesis (e.g. Illumisite)	 3D C-Arms (e.g. Cios Spin)	 Cone Beam CT (e.g. Azurion)
Image Quality	● ● ● ●	● ● ● ●	● ● ● ●	● ● ● ●
Radiation	● ● ● ●	● ● ● ●	● ● ● ●	● ● ● ●
Cost	● ● ● ●	● ● ● ●	● ● ● ●	● ● ● ●
				

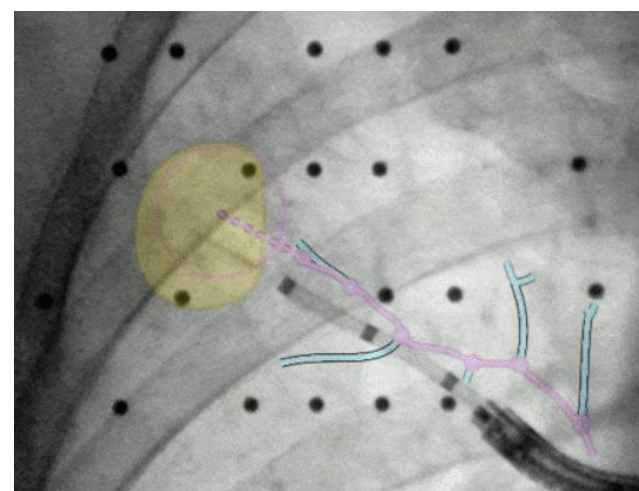
Navigate and Biopsy with Greater Precision



AI Tomography®
Tomographic imaging of tool and lesion for tool-in-lesion or tool-at-target confirmation in multiple 3D planes.



3D View
Interactive 3D visualization for better assessment of tool and lesion relationship during the procedure.



Augmented Fluoroscopy
Real-time, intraoperative imaging of tool and lesion for accurate navigation and lung nodule biopsy.

Why LungVision?



SUPERIOR CLINICAL OUTCOMES

Real-time, tomographic imaging and augmented fluoroscopic navigation enables diagnostic yields $\geq 90\%$



RADIATION REDUCTION

Functionally comparable to cone-beam CT at $< 1/5$ the radiation spin-for-spin



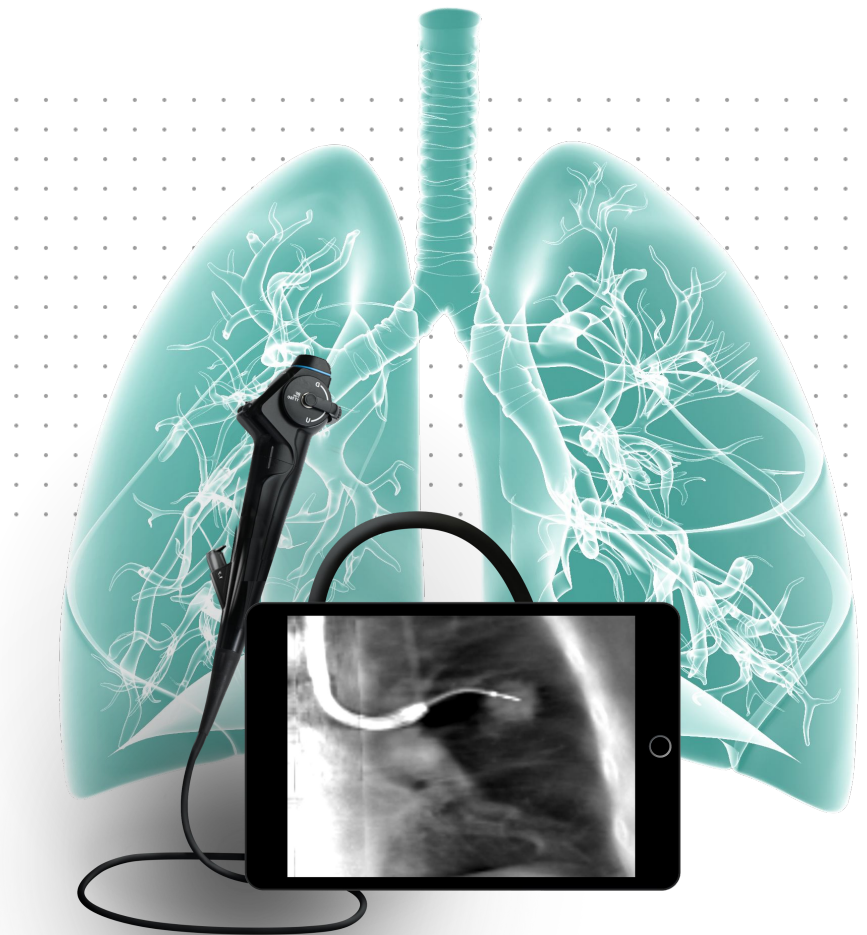
FLEXIBILITY

Only navigation & real-time imaging system that works with any bronchoscopic setup



COST SAVINGS

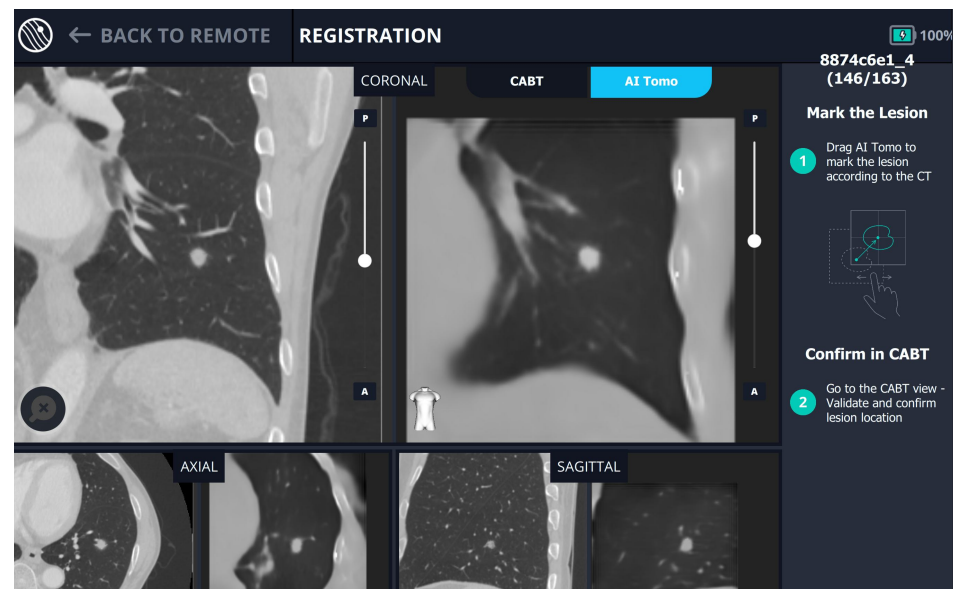
Lowest total cost of ownership with no proprietary consumables (no cost-per-case) creates tremendous financial value



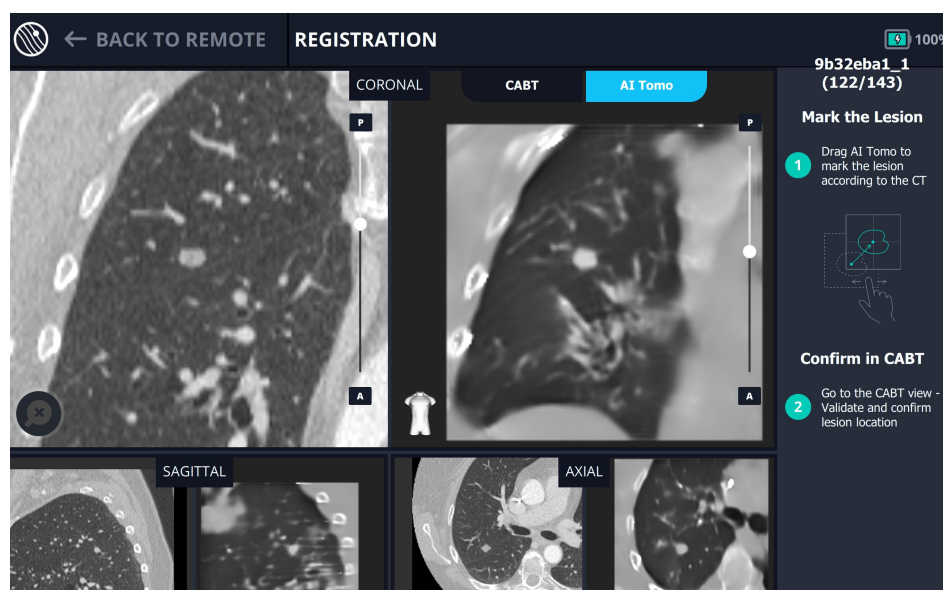
Visualize **Sub-Centimeter** and **Sub-Solid** Lesions



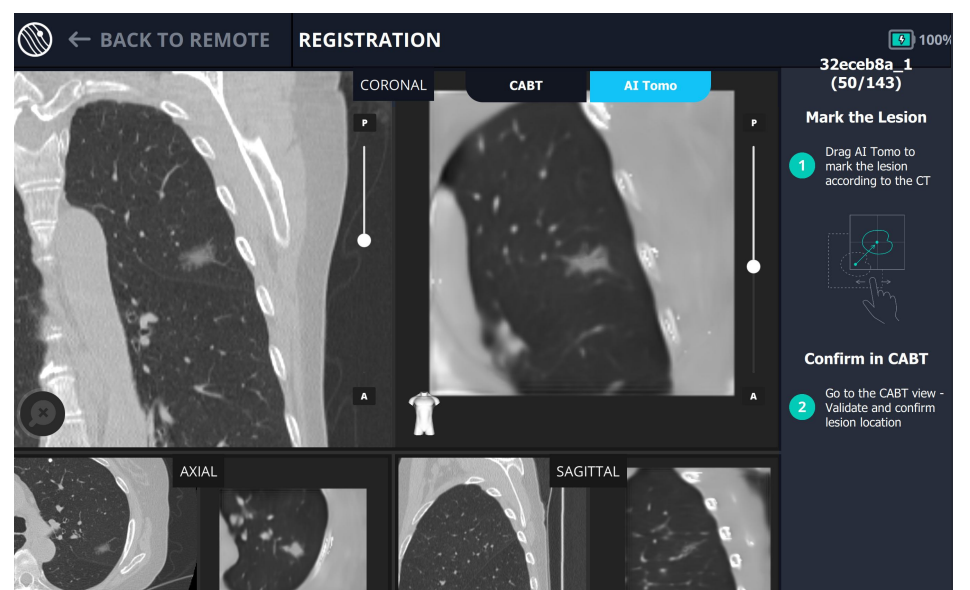
9.0 mm RUL nodule



10.0 mm LLL nodule



8.5 mm RUL semi-solid, cavitary nodule



LUL ground glass opacity (GGO)

Images courtesy of Dr. Michael Pritchett, FirstHealth Moore Regional Hospital (upper left) and Dr. Wissam Jaber, Emory University Hospital (upper right), Dr. Angel Peralta, UC San Diego (lower left) and Dr. Ricardo Blanco, St. Tammany Parish Hospital (lower right)

System Specifications

DIMENSIONS

Item	Dimension (W x H x D) mm / in
Main Unit	460 x 693 x 600 / 18.1 x 27.3 x 23.6
Tablet	292 x 201 x 8.5 / 11.5 x 7.9 x 0.3
Tablet with Stand	450 x 1204 - 1608 x 455 / 17.7 x 47.4 - 63.3 x 17.9
Board	573 x 600 x 25 / 22.6 x 23.6 x 1
Cables	Length depends on room setup

POWER REQUIREMENTS

Item	Main Unit	Tablet
Voltage	100-240 V	100-240 V
Current	350 VA max.	1.5 A
Frequency	50-60 Hz	50-60 Hz

WIFI SPECIFICATIONS

Item	Specifications
Wireless Standards	EEE 802.11n, IEEE 802.11g, IEEE 802.11b
Frequency	2.412 - 2.472 GHz
Security	WEP, WPA/WPA2, WPA-PSK/WPA2-PSK

ENVIRONMENTAL CONDITIONS

Item	Operating	Storage	Transport
Temperature	10°C to 26°C (50°F to 78.8°F)	0°C to 45°C (32°F to 113°F)	-30°C to 60°C (-22°F to 140°F)
Relative Humidity	30% to 75% (non-condensing)	30% to 75% (non-condensing)	15% to 90% (non-condensing)
Atmospheric pressure	≥ 79.5 kPa	48.5kPa to 101.3 kPa	48.5 kPa to 101.3 kPa
Environment of use	Healthcare facility. System emission characteristics complies with CISPR11, Class A.		
Sealing	IPX0		

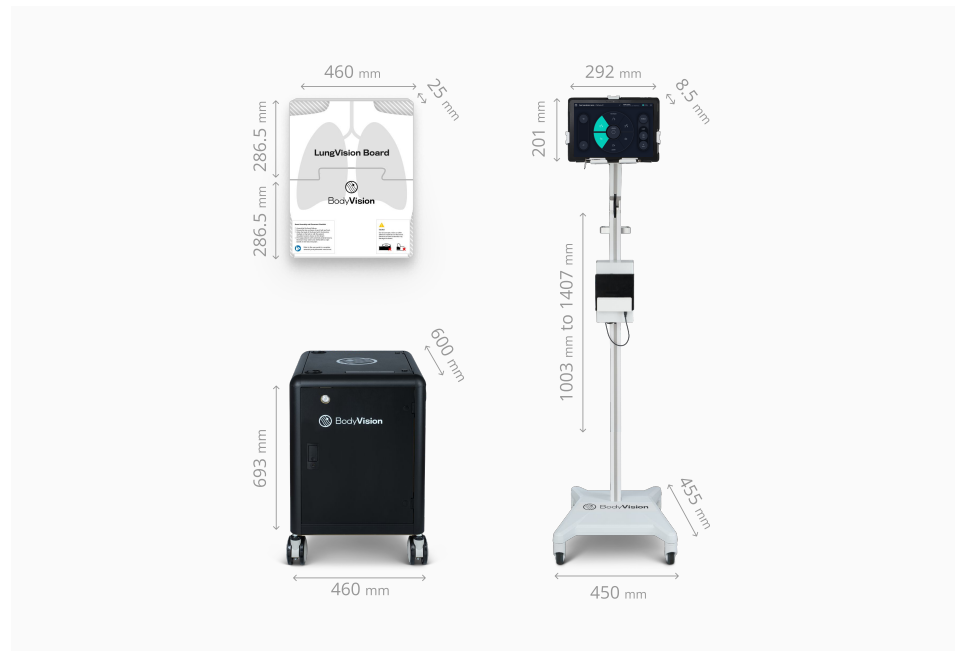
COMPATIBILITY

Item	Requirements
C-Arms	Video-out port, capable of 1280 X 960 high resolution scaling, and can perform a ~60° sweep
Bronchoscopes	Robotic, therapeutic & diagnostic re-usable, thin/ultrathin, and single-use.
Table	No metal that interferes with LAO or RAO projections during a C-arm ~60° sweep

For more information or to request a demo, contact us:

✉ info@bodyvisionmedical.com 📞 International: +1.603.267.3962 • US: +1.888.302.5439

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CE-MARKED ACCORDING to REGULATION (EU) 2017/745. MSM 00029 Rev 09, 2024



IMAGING VOLUME

Modality	Dimension (W x H x D) mm / in
CABT	200 x 300 x 200 / 7.9 x 11.8 x 7.9
AI Tomo®	188 x 188 x 188 / 7.4 x 7.4 x 7.4

ELECTRICAL SAFETY

System Complies With:
IEC 60601-1-2 Edition 4.1, EN 6061-1-1-1-2

