

LungVision® AI Tomography

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





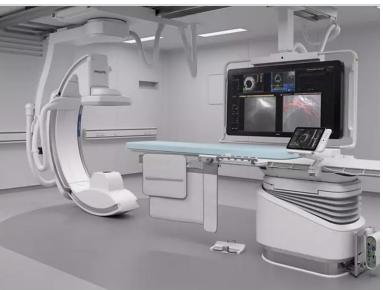
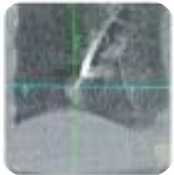
LungVision® by Body Vision Medical

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.**

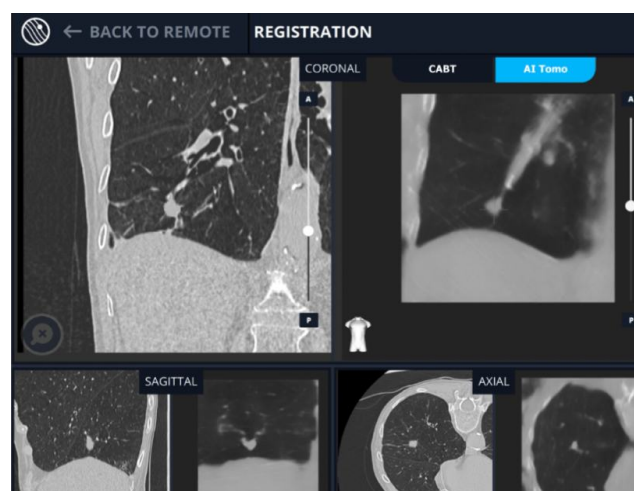
This technology enables bronchoscopists **to diagnose and treat lung cancer more efficiently and cost-effectively**, ultimately saving lives while reducing healthcare expenses.

Real-Time Imaging at Reduced Radiation and Cost

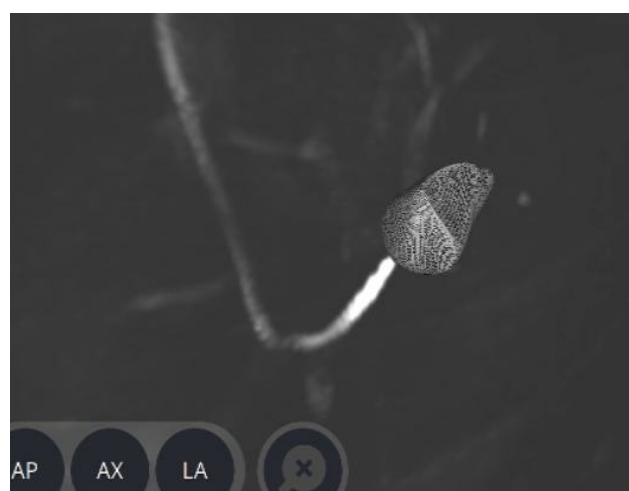
Body Vision's proprietary AI-powered imaging algorithm is developed from thousands of real-world patient CT scans. This results in the capability to produce **exceptional intraoperative tomographic imaging and augmented fluoroscopy at a fraction of the cost and radiation exposure** compared to fixed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

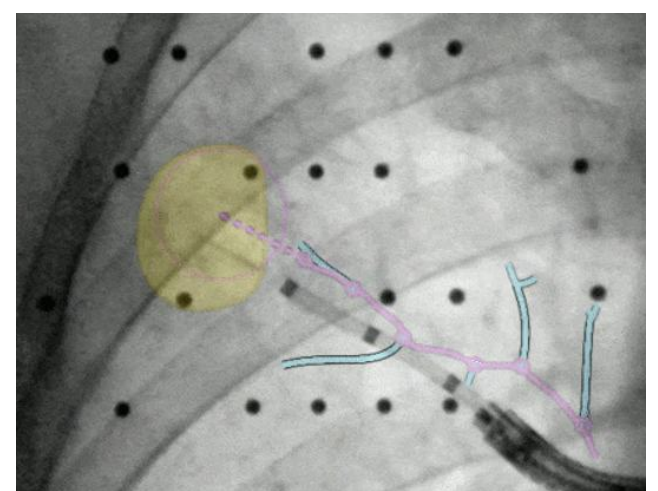
Navigate and Biopsy with Greater Precision



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?

95%

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

ALARA

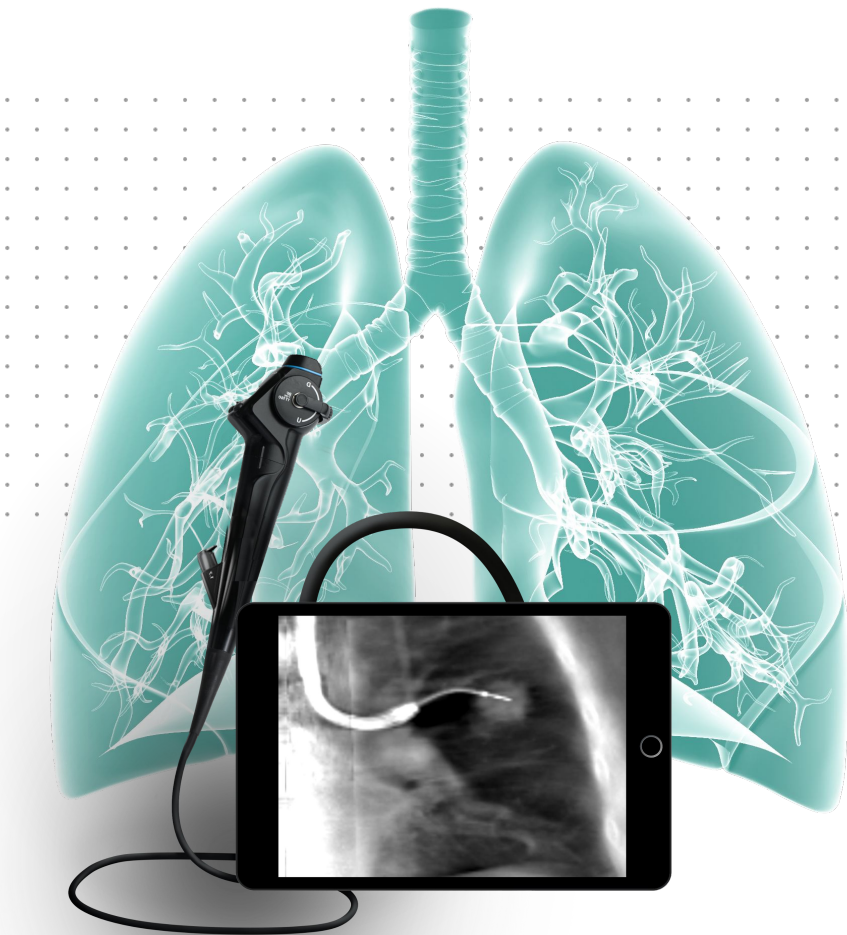
RADIATION REDUCTION
Functionally comparable to cone-beam CT at $< 1/5$ the radiation spin-for-spin



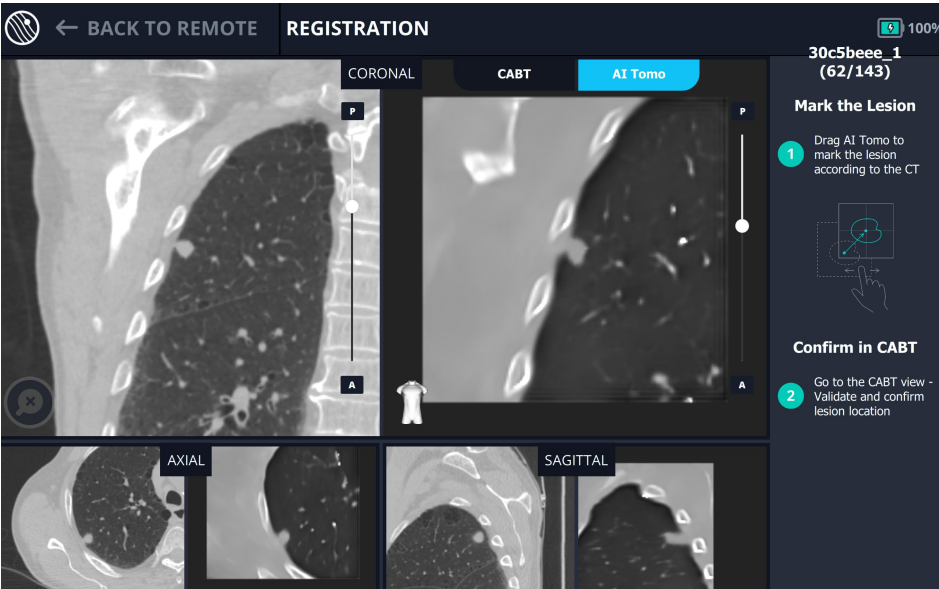
FLEXIBILITY
Only navigation & real-time imaging system that works with any bronchoscopic setup



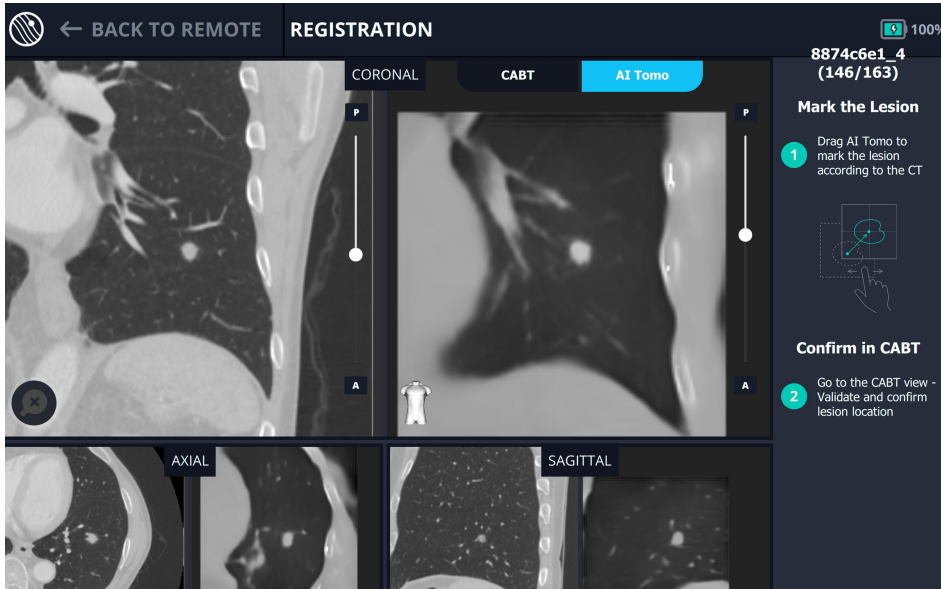
COST SAVINGS
Lowest total cost of ownership with no proprietary consumables (no cost-per-case) creates tremendous financial value



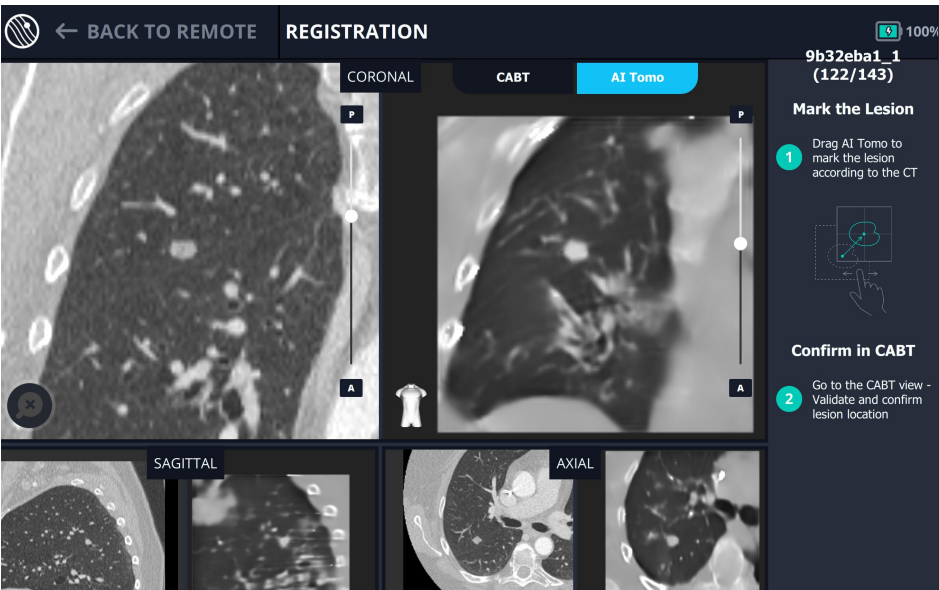
Visualize Sub-Centimeter and Sub-Solid Lesions



9.0 mm RUL nodule



10.0 mm LLL nodule



8.5 mm RUL semi-solid, cavitory 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		

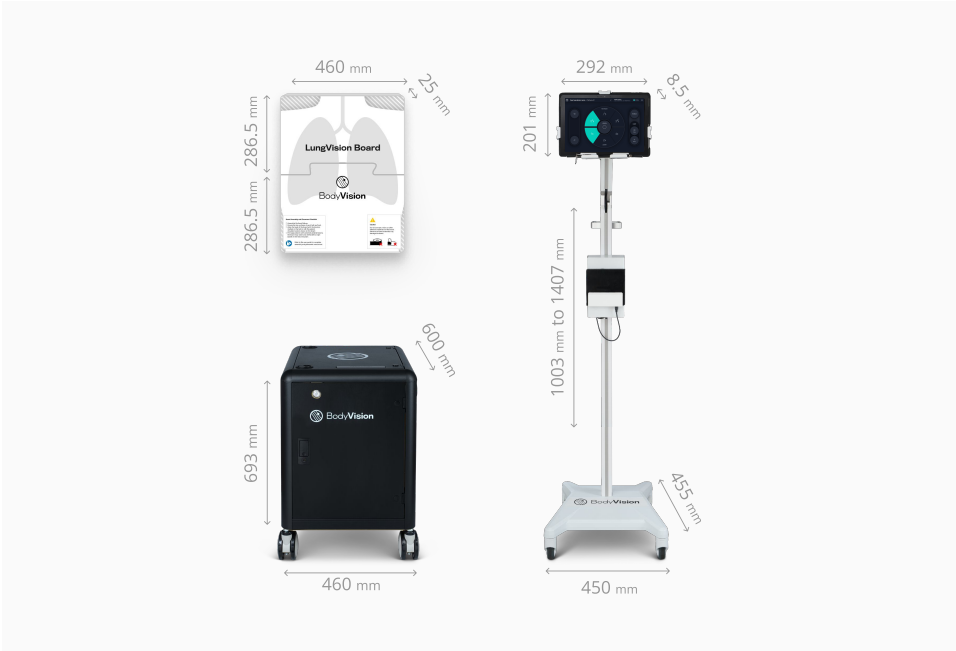
COMPATIBILITY

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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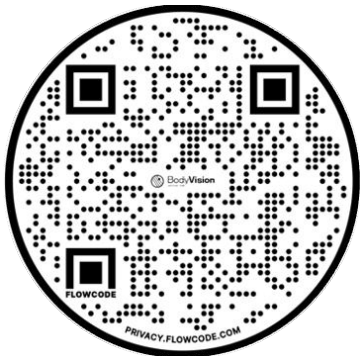


IMAGING VOLUME

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	



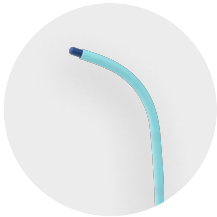


LungVision® Procedural Kit

An extended working channel
to extend your reach and access
to peripheral lesions during
navigational bronchoscopy.



Specifications



LungVision™ 90°
Length: 1,017 mm
ID: 2.01 mm (min) OD: 2.64 mm (max)

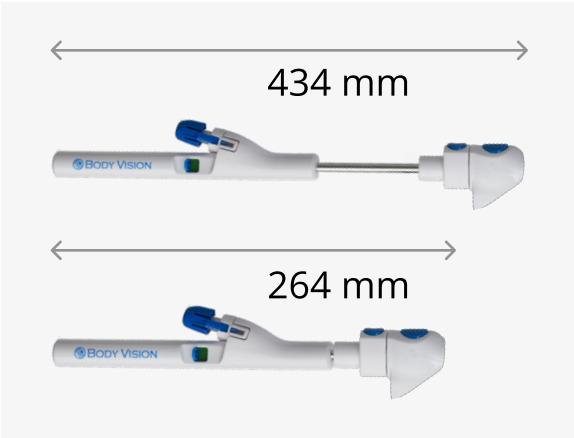


LungVision™ Handle
Insertion and withdrawal of the tool of up to 13.5 cm beyond the bronchoscope working channel.



LungVision™ Stylet
Length: 1,041 mm
OD: 1.98 mm (max)

Catheter handle specs



Environmental Conditions

Storage Temperature:
Between 15 °C (59 °F) and 30 °C (86 °F)

Ordering

P/N	Description	Curve
LV2055010	LungVision Extended Working Channel Kit, 90° (Compatible with Olympus BF-1T160/180)	90°
LV2055011	LungVision Extended Working Channel Kit, 90° (Compatible with Olympus BF-1T190)	90°
LV2055012	Box of 5 LV2055010, LungVision Extended Working Channel Kit, 90° (Compatible with Olympus BF-1T160/180)	90°
LV2055013	Box of 5 LV2055011, LungVision Extended Working Channel Kit, 90° (Compatible with Olympus BF-1T190)	90°
LV2055014	Box of 10 LV2055010, LungVision Extended Working Channel Kit, 90° (Compatible with Olympus BF-1T160/180)	90°
LV2055015	Box of 10 LV2055011, LungVision Extended Working Channel Kit, 90° (Compatible with Olympus BF-1T190)	90°

To place an order, please email orders@bodyvisionmedical.com

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Enhancing a Lung Biopsy Program

with LungVision® Advanced AI-Driven Imaging



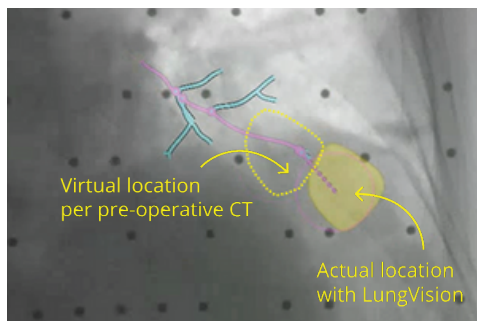
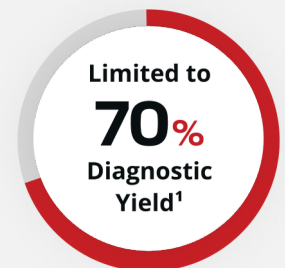
Tissue is the Issue

LungVision Corrects for CT-to-Body Divergence and Provides Tool-in-Lesion Confirmation

The probability of acquiring diagnostic tissue via bronchoscopy rarely exceeds 70%¹ due to CT-to-body divergence — the difference between a nodule's pre-operative CT location and its actual location during bronchoscopy. Additionally, tool-in-lesion cannot be confirmed prior to and during biopsy without advanced imaging, whether navigating manually or with a robot. While advanced imaging solutions like cone-beam CT can overcome these issues, their high cost and high radiation exposure can be significant barriers to adoption.

Body Vision Medical's LungVision offers a cost-effective, AI-powered solution that transforms 2D X-ray images from any C-arm into real-time 3D imaging. Using LungVision, you can visualize the lung lesion — even if it is small and hard to access — and your tools in real-time, delivering the following benefits...

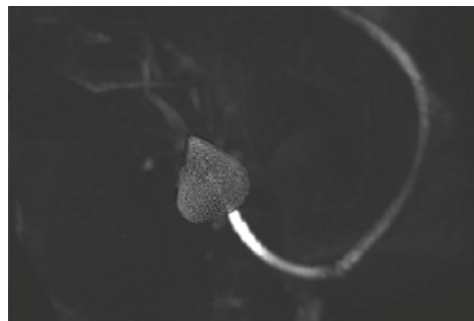
Without advanced imaging, diagnostic yield from bronchoscopy is limited.



Correct for CT-to-Body Divergence

LungVision's proprietary AI Tomography® technology processes images from a 2D C-arm, enabling you to see the lesion's real-time location in 3D.

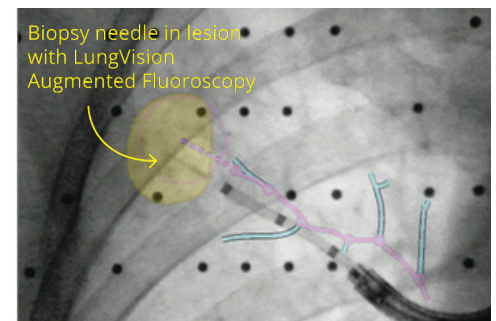
You can then make precise adjustments to bronchoscope and tool position to improve navigation and diagnostic yield.



Confirm Tool-in-Lesion

Perform a C-arm sweep prior to tissue acquisition to confirm in multiple planes that the tool is truly within the lesion.

Such tool-in-lesion confirmation increases confidence in biopsies and can significantly improve procedural outcomes.



Confidently Biopsy with Image Guidance

LungVision's augmented fluoroscopy provides visualization of both the lesion and biopsy tool in real-time so that you can see where you are acquiring tissue samples.

The result? Faster, more confident biopsies and a higher chance of an early and definitive diagnosis.

Why LungVision?

The Results Speak for Themselves

1. Superior Clinical Outcomes – With or Without a Robot

Standalone solution for navigation & advanced imaging



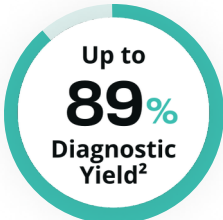
LungVision



Any Manual Bronchoscope & Bronchoscopy Tools



Any C-Arm



Advanced imaging enhancement for robotic bronchoscopy



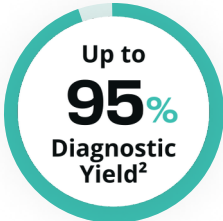
LungVision



Any Robotic-Assisted Bronchoscopy (RAB) Platform



Any C-Arm



2. Superior Economics



Increase Procedural Volume

Advanced imaging gives you confidence to pursue smaller, more peripheral nodules. Body Vision customers have seen their navigational bronchoscopy case volume grow by 49% year-on-year or more.²

Attract and Retain Incremental Lung Patients

Providers are more likely to refer to a hospital that has innovative technology. One Body Vision customer drew 65% of their patients from outside the hospital system and retained 100% of them, resulting in an estimated \$8.3M in incremental revenue.²

Downstream Revenue

Increased patient volume and higher yields means more lung cancer diagnoses, generating an average of \$24,000 per patient from subsequent imaging, chemotherapy, thoracic surgery and other lines of service.³

No Capital Investment

FORTEC Medical charges on a per-case basis. Your Lung Biopsy Program can benefit from LungVision advanced imaging for a day, a week, a month, or indefinitely without any capital investment.

3. Time Savings



On average, our LungVision cases are **20 minutes** scope-in to scope-out. We can plan for up to 6 cases per day with the system.”



Dr. Nina Maouelainin

4. Radiation Reduction

LungVision provides 3D imaging at 1/5 the radiation dose of a Cios Spin 3D spin-per-spin.⁴

	Cios Spin 3D Spin (N=7)	LungVision® AI Tomo® (N=7)	P*
Ka,r (mGy) median [IQR]	41.2 [25.2 - 78.0]	9.6 [6.3 - 12.5]	0.03
KAP (Gy·cm2) median [IQR]	6.54 [4.07 - 12.21]	1.30 [0.85 - 1.69]	0.03

Better Together

On Call When You Call

The partnership between Body Vision Medical, the leader in AI-driven intraoperative imaging, and FORTEC Medical, the industry leader in on-demand surgical technologies, is transforming access to cutting-edge lung nodule biopsy technology. With FORTEC Medical, hospitals and outpatient facilities can now seamlessly integrate Body Vision's LungVision® AI-driven advanced imaging and navigation platform into their bronchoscopy programs—for a day, a month, or indefinitely—without any capital investment.

Discover how easy it is to bring LungVision to your institution today! Contact FORTEC Medical to learn more about flexible access to this transformative technology.



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4. Tsai WS, Haywood E, Li X, Rosenbaum J, Lindsey B. Radiation in the Bronchoscopy Suite: One Center's Experience With Navigational Bronchoscopy and a Review of the Literature. *J Bronchology Interv Pulmonol*. 2025 Jan