BodyVision
see beyond limits

LungVision™ AI-Driven, Intraoperative CT Imaging

A Breakthrough Innovation in Lung Cancer Diagnostics

LungVision™ by Body Vision Medical

A Breakthrough Innovation in Lung Cancer Diagnostics

AI-Driven, Intraoperative CT Imaging

- Delivers near-CBCT quality intraoperative 3D images with any C-arm
- Eliminates CT-to-body divergence
- Enables visual confirmation of tool-in-lesion
- Provides true real-time imaging with augmented fluoroscopy

Image Guided Real-Time Navigation Solution

- Can be used as a standalone solution that provides:
  - Next generation Image-Guided Navigation and Biopsy
  - Real-time intraoperative imaging
- Enhances any robot bronchoscopy platform with real-time imaging

Least Expensive Path to Superior Clinical Outcomes

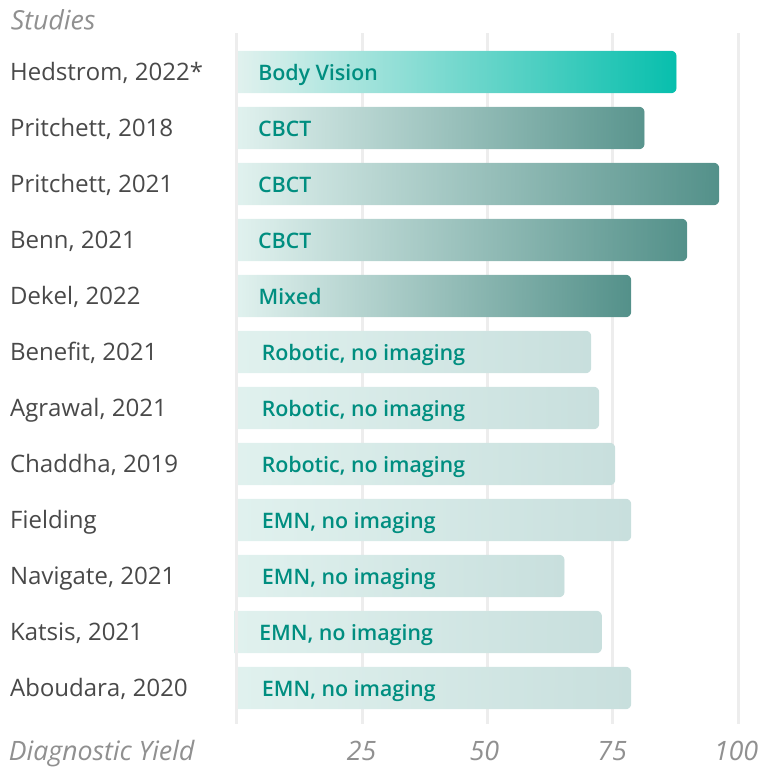
- Lower capital and per-case costs than ENB, Robotics, or CBCT

Intraoperative Imaging has Profound Impact on Ability to Successfully Diagnose Patients

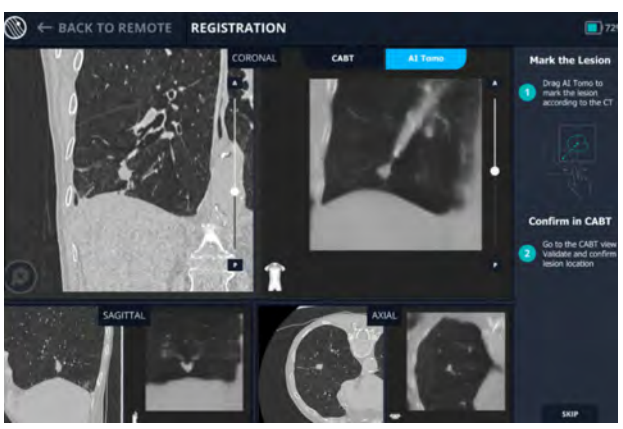
- Data from multi- and single-center studies showed 1st Gen LungVision™ standalone achieved 88.2% diagnostic accuracy.[1]
- CHEST 2022 presentation showed latest version of LungVision™ achieved 91.1% diagnostic yield[2] in conjunction with Ethicon MONARCH robotics.
- Diagnostic success rate of diagnostic bronchoscopy generally do not exceed ~70% regardless of navigation platform.
- Only with intraoperative imaging are diagnostic yields of 90%+ achievable.

[1]Pritchett MA. Prospective Analysis of a Novel Endobronchial Augmented Fluoroscopic Navigation System for Diagnosis of Peripheral Pulmonary Lesions. J Bronchology Interv Pulmonol. 2021 Apr 1;28(2):107-115..

[2]Hedstrom G, Wagh A. Combining Real-Time 3-D Imaging and Augmented Fluoroscopy with Robotic Bronchoscopy for the Diagnosis of Peripheral Lung Nodules. Chest, Volume 162, Issue 4, Supplement, 2022, Page A2082.

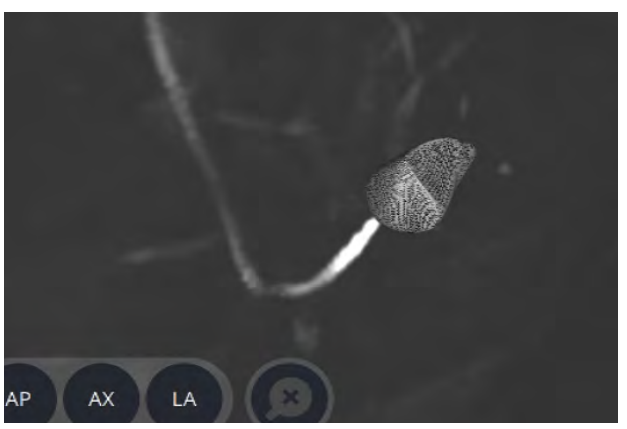


Body Vision's Real-Time, Intraoperative CT Imaging



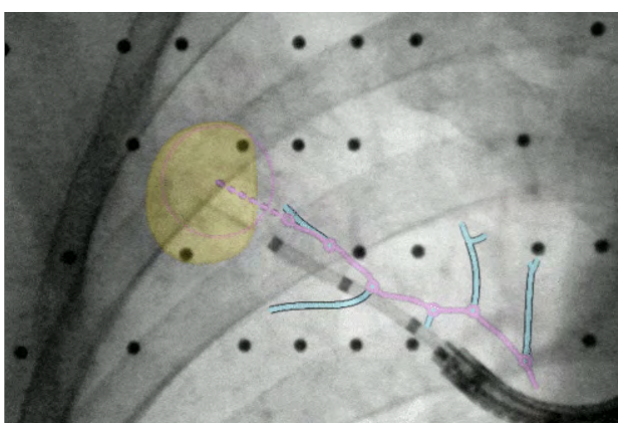
AI TOMOGRAPHY

LungVision™ intraoperative CT imaging enables visual confirmation of tool-in-lesion in multiple 3D planes.



3D VIEW

LungVision™ 3D View provides interactive 3D visualization to better assess tool and lesion relationship.



AUGMENTED FLUOROSCOPY

LungVision™ augmented fluoroscopy provides true real-time, intraoperative imaging of tool and lesion for accurate navigation to actual lesion location.

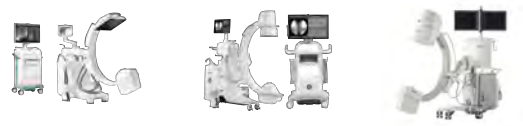
Seamlessly Integrated: Any Tool, Any Room, Any Lesion

As an all-in-one advanced navigation and real-time imaging platform or as a real-time imaging system to enhance your robotic bronchoscopy platform with the intraoperative imaging it lacks, LungVision works with your existing bronchoscopy setup to cost-effectively maximize your ability to diagnose your lung patients.

Compatible with most bronchoscope and biopsy tool setups

Olympus Therapeutic | Hybrid/ Ultrathin | Ion by Intuitive | Ethicon MONARCH™

Compatible with all C-arms



Ziehm | GE OEC | Philips

Enhances robotic navigation platforms

J&J/Ethicon MONARCH | Ion by Intuituve

Real-Time Image Guidance for Diagnostic Bronchoscopy

Standalone Navigation and Real-Time Imaging

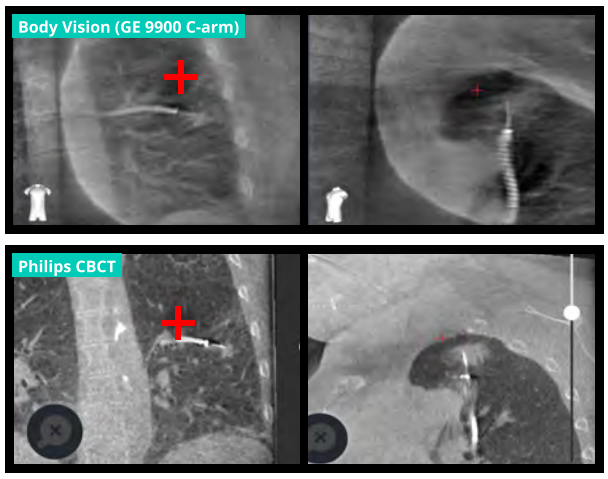
- Cost-effective way to obtain advanced navigation AND imaging to make you better.
- Only navigation system that is not reliant on pre-operative CT and virtual target for navigation to eliminate CT-to-body divergence.
- Only standalone navigation system that provides visual confirmation of tool-in-lesion to maximize diagnostic yield.
- True, real-time imaging with augmented fluoroscopy.
- Lower total cost of ownership than EMN, robotics, or CBCT.
- AI provides marketing point of differentiation from competing hospitals.

Enhances Robotics with Real-Time Imaging

- Take full advantage of stability and articulation of robotics by being able to see lesion location during navigation, biopsy and, in the future, therapy delivery.
- Eliminates CT-to-body divergence and provides tool-in-lesion confirmation to maximize diagnostic yield.
- True-real time imaging with augmented fluoroscopy.
- Enables flexibility to perform case without robotics.
- AI provides marketing point of differentiation from competing hospitals.

Replaces Electromagnetic Navigation (EMN)

- Cost-effective way to upgrade your navigation and obtain advanced imaging to make you better.
- Only navigation system that is not reliant on pre-operative CT and virtual target for navigation to eliminate CT-to-body divergence.
- Only standalone navigation system that provides visual confirmation of tool-in-lesion to maximize diagnostic yield.
- Lower overall cost-per-case than EMN.
- AI provides marketing point of differentiation from competing hospitals.

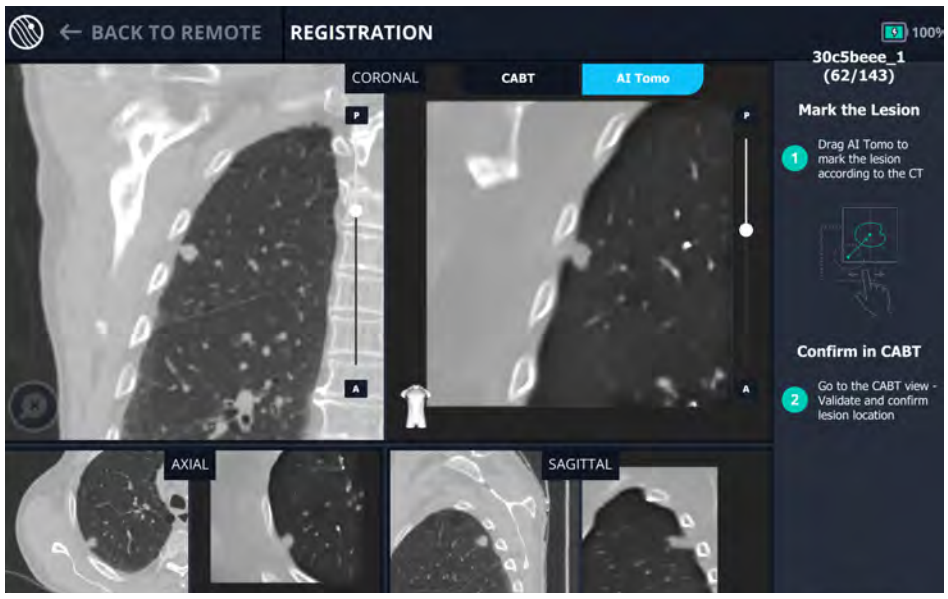


LungVision™ vs. CBCT and 3D C-arms

LungVision™ Intraoperative CT imaging approaches image quality of Cone Beam CT (CBCT) with added benefits of:

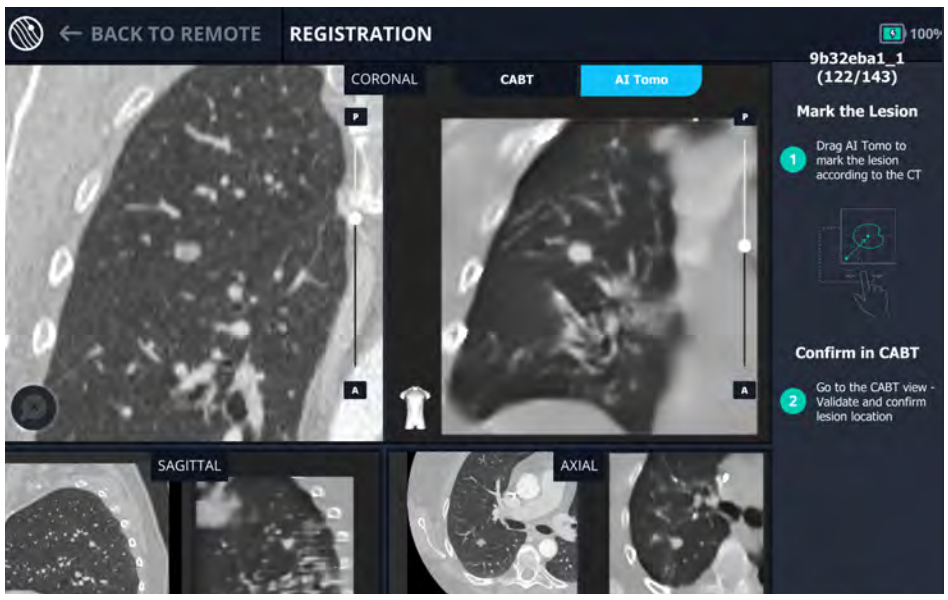
- **Less Radiation** - Potentially 20% of the radiation exposure of 3D C-arms
- **Less Time** - No need to leave room and does not require rad tech to optimize image
- **Greater Flexibility** - Can use any C-arm
- **Greater Functionality** - Augmented fluoroscopy for true real-time imaging
- **Lower Total Cost of Ownership** - Fraction of price of CBCT or 3D C-arm

LungVision™ Intraoperative CT Imaging



9.0 mm RUL nodule

10.0 mm LLL nodule

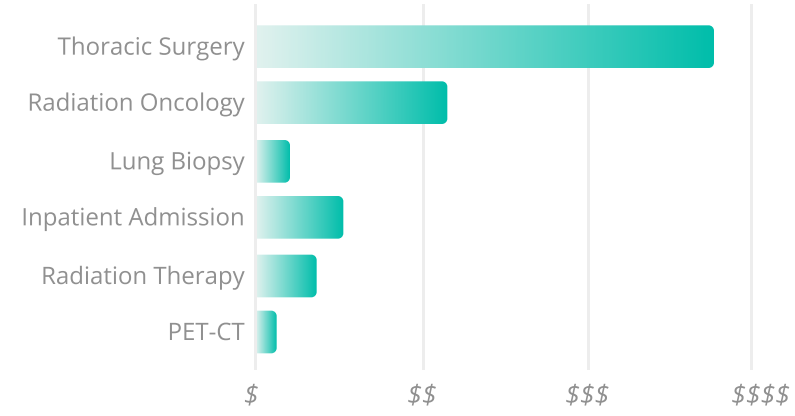


8.5 mm RUL semi-solid, cavitary nodule

LUL GGO

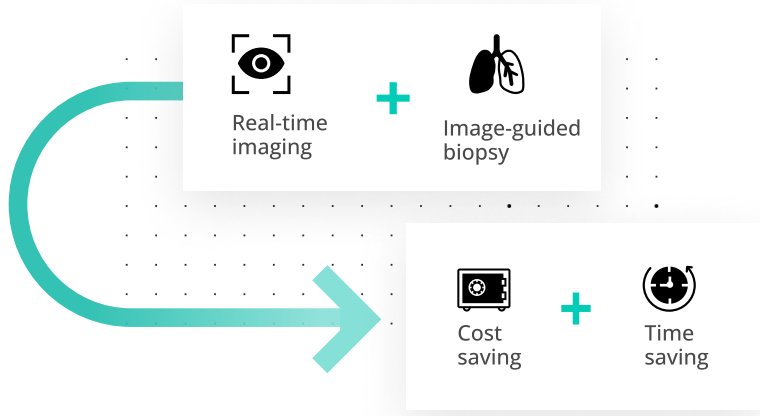
Increased Diagnostic Yield = Increased Downstream Revenue

Increased diagnostic yield leads to additional diagnosed patients and more patients retained within your health system, thus driving downstream revenue.



Real-Time Imaging Drives Significant Cost Savings

Real-time intraoperative imaging and image-guided biopsy enables users to abandon cloud biopsy, save time and ultimately save money for your institution.



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

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