

## LUNGPOINT SATELLITE PLANNING SYSTEM

Portable Laptop Computer

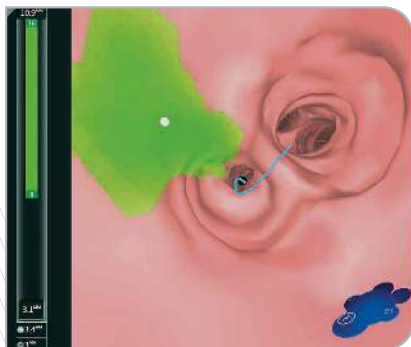
- Place multiple systems for planning procedures at any time
- Procedure Plan exports to flash drive / networked computer and transfers to VBN system. Real-time navigation follows on VBN System



## TRAINING, EDUCATION, AND RECORDS

### Bronchoscopy Training

- Interactive 3D visualization tools enhance understanding of airways and anatomy
- 3D airway tree image and airway labeling identifies airway anatomy



**Airway Labeling:** Reinforces anatomic knowledge in training programs



**Review the pathways** to the target using the 3D airway tree view

### Patient Education

- Use images to help patients understand their procedure, putting them at ease

### Records & Publications

- Real-time image capture and case notations can be exported

## CONFIGURATIONS

- Mobile workstation
- Place multiple Satellite Planning Systems in different offices for access at any time
- Start with the stand-alone LungPoint Satellite Planning System or upgrade to LungPoint VBN to experience the benefits of realtime visual image guidance and navigation

#30409 LungPoint Satellite Planning System, laptop

#30405 LungPoint VBN, desktop



**Aquilant Endoscopy**

Aquilant House, Units B1-B2 Bond Close,  
Kingsland Business Park, Basingstoke,  
Hampshire RG24 8PZ

## ORDERING INFORMATION

For Order Information and Purchase Programs in the UK and Ireland  
Contact Broncus Medical's distributor,  
Aquilant Endoscopy: +44(0)1256365456

[broncus.com](http://broncus.com)

[aquilantendoscopy.com](http://aquilantendoscopy.com)

Copyright © 2014 Broncus Medical, Inc. Indications, Contraindications, Warnings and Instructions for Use can be found in the product labeling supplied with each system.  
CAUTION: Federal (USA) law restricts this device to sale by or on the order of a physician. Rx only.

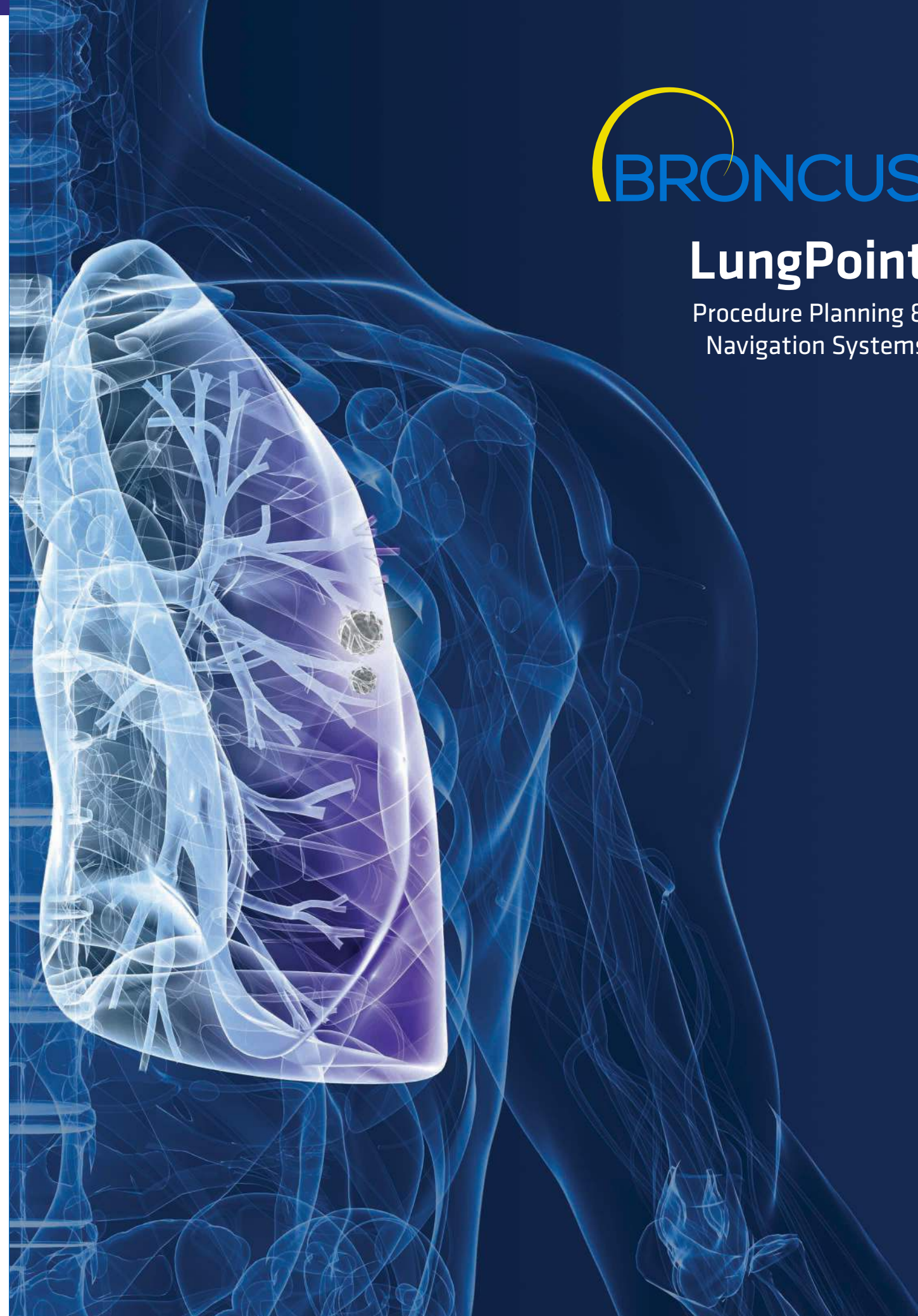
1. Meta-Analysis of Guided Bronchoscopy for the Evaluation of the Pulmonary Nodule; Wang Memoli, Nietert, Silvestri/ CHEST; October 2011
2. Interbronchoscopist Variability in Endobronchial Path Selection: A Simulation Study; Dolian, Cornish, Merriett, Ria et al; Chest 2008; 133:897-905

MK-346 Rev. 05/14



# LungPoint®

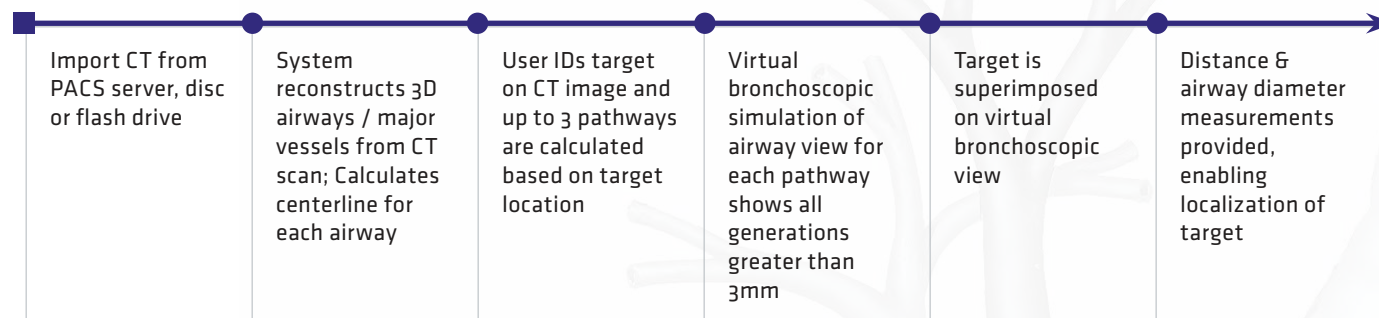
Procedure Planning &  
Navigation Systems





## VERSATILE PLANNING & SOPHISTICATED GUIDANCE

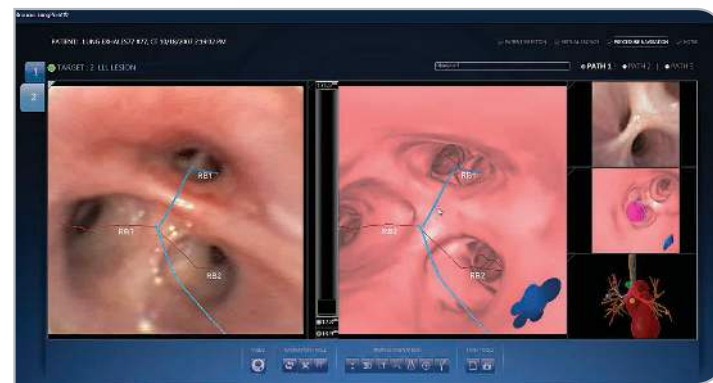
Easy Set-Up, Simple to Use



## VIRTUAL BRONCHOSCOPIC NAVIGATION (VBN) SYSTEM

Image Guidance for Bronchoscopy

- Provides real-time path navigation within the lungs for lung biopsy and other Dx/Tx procedures
- Side-by-side navigation pairs real time and virtual images throughout procedure
- Navigation guides user to target with 3mm accuracy
- System operation does not require specialized, disposable instruments



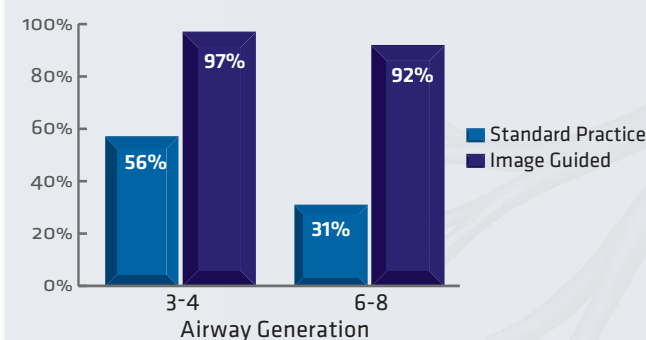
Real-time guidance with LungPoint® Virtual Bronchoscopic Navigation simultaneously shows the live and virtual views and the path to follow—with navigation accuracy of 3 mm



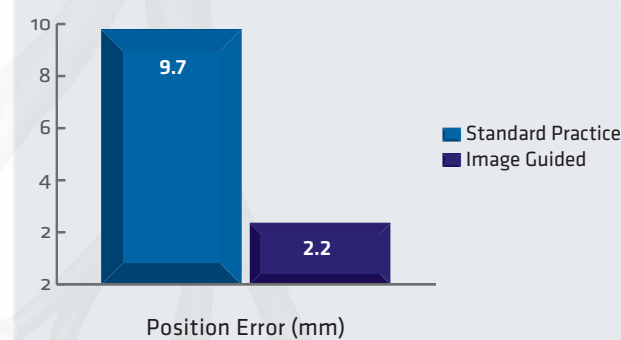
## CLINICAL VALIDATION

- LungPoint has the highest published yield as compared to other navigation systems in a published META Analysis (80%)<sup>1</sup>
- Studies show image guided navigation improves ability to find correct airway and localize target<sup>2</sup>

Navigating the Correct Airway



Identifying the Proper Location of the Target

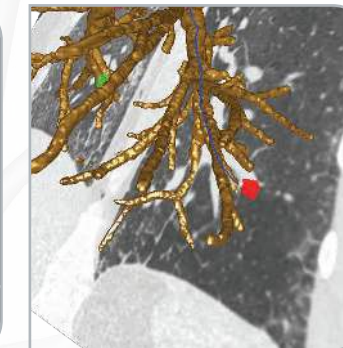


## INTUITIVE IMAGE GUIDANCE AND NAVIGATION

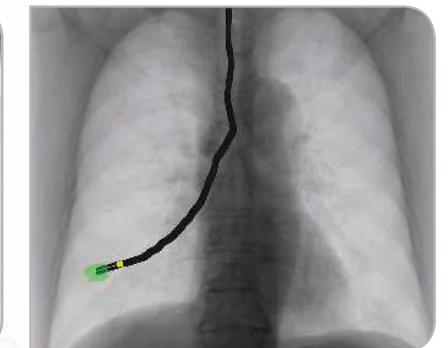
- Target is superimposed on virtual and actual bronchoscopic view
- Live view is displayed simultaneously alongside the virtual animation views and path, confirming location and orientation as you maneuver through the airways
- Airway diameter measurements help size bronchoscope, stent, valve, implantable devices



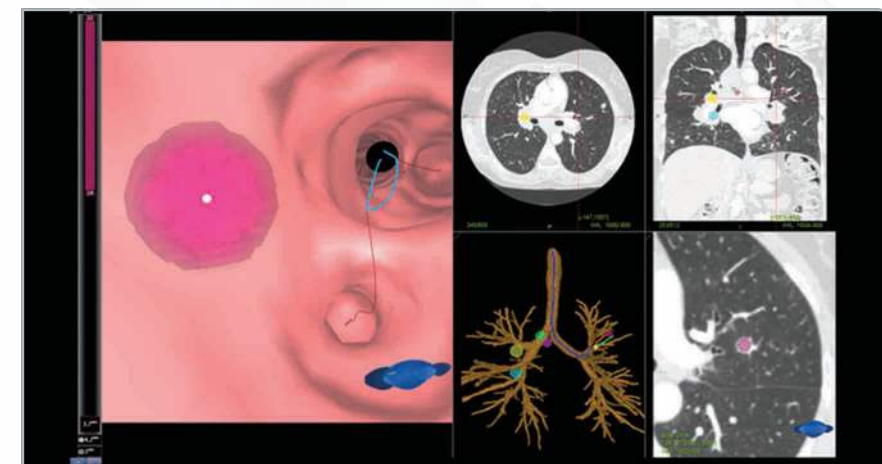
**Plan in 3 dimensions:**  
Quick access to all CT projections expands thinking beyond an axial CT slice



**More Insight:**  
Improve understanding of relationship between lesion and airways with 3D target view



**Virtual Fluoroscopic View:** Unique view presents an AP fluoroscopic image with both the target and bronchoscopic pathway superimposed to assist in confirming location



**Virtual Fluoroscopic View:**  
As the virtual bronchoscopic animation plays, the 3D airway tree and CT images update to reflect the current bronchoscope position.

## FIDUCIAL MARKER PLANNING & PLACEMENT

- Fiducial marker locations are automatically calculated based on the target location and user defined parameter settings
- The primary target (green) and fiducials (yellow with green dots) are all displayed on the pink airways of the 3D airway tree and in 2D left and right fiducial projection views
- The customizable projection views are based on linac imaging angles

