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

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

#30006 LungPoint Satellite Planning System, desktop
#30009 LungPoint Satellite Planning System, laptop
#30005 LungPoint VBN, desktop

ORDERING INFORMATION

For Order Information and Purchase Programs
Contact: 877.428.1600 or sales@broncus.com
www.broncus.com

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CAUTION: Federal (USA) law restricts this device to sale by or on the order of a physician. Rx only.

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

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125 Nicholson Lane, San Jose, CA 95134
VERSATILE PLANNING & SOPHISTICATED GUIDANCE
Easy Set-Up, Simple to Use

- Import CT from PACS server, disc or flash drive
- System reconstructs 3D airways / major vessels from CT scan; Calculates centerline for each airway
- User IDs target on CT image and up to 3 pathways are calculated based on target location
- Virtual bronchoscopic simulation of airway view for each pathway shows all airways greater than 3mm
- Target is superimposed on virtual and actual bronchoscopic view
- Distance & airway diameter measurements provided, enabling localization of target

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 up to 3mm accuracy
- System operation does not require specialized, disposable instruments

CLINICAL VALIDATION
- LungPoint has the highest published yield as compared to other navigation systems in a published META Analysis (80%) 2
- Studies show image guided navigation improves ability to find correct airway and localize target 3

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

VIRTUAL Fluoroscopic View: Unique view presents a constructed AP fluoroscopic image with both the target and bronchoscopic pathway superimposed to assist in confirming location

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 airways in the 3D airway tree and 2D left and right fiducial projection views
- The customizable projection views are based on the requirements of SBRT imaging angles

Navigating the Correct Airway
Identifying the Proper Location of the Target

1 Fiducial marker locations are automatically calculated based on the target location and user defined parameter settings
2 LungPoint has the highest published yield as compared to other navigation systems in a published META Analysis (80%)
3 Studies show image guided navigation improves ability to find correct airway and localize target

Position Error (mm)