**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 real-time visual image guidance and navigation
- #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

**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
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%)
- Studies show image guided navigation improves ability to find correct airway and localize 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 a constructed AP fluoroscopic image with both the target and bronchoscopic pathway superimposed to assist in confirming location

Clinical Validation:

Navigating the Correct Airway

- Standard Practice: 56%
- Image Guided: 97%

Identifying the Proper Location of the Target

- Standard Practice: 2.2 mm
- Image Guided: 9.7 mm

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 CT images update to reflect the current bronchoscope position
- The customizable projection views are based on the requirements of SBRT imaging angles