



Virtual Bronchoscopic Navigation with Fused Fluoroscopy

How do you get to nodules
without a bronchus sign?



COMPREHENSIVE PROCEDURE PLANNING

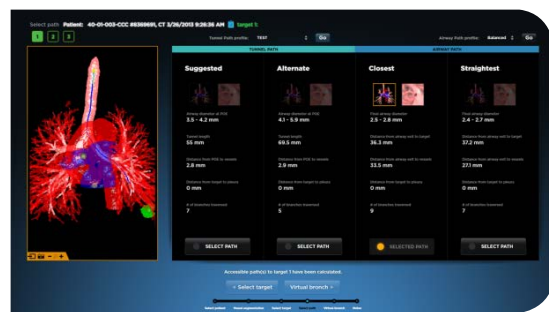
Archimedes® integrates CT, pattern recognition software and fused fluoroscopy to provide three-dimensional, real-time airway and proprietary Bronchoscopic TransParenchymal Nodule Access (BTPNA).



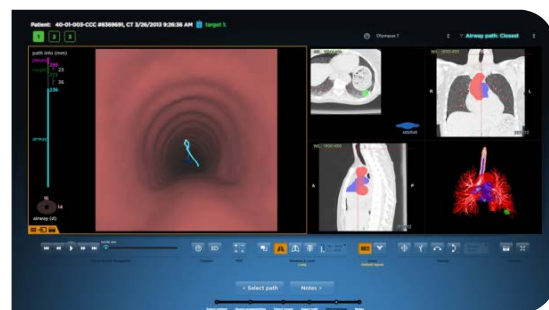
- Vessel identification ensures a non-vascular path during BTPNA and Guided TBNA



- Ability to define up to eight (8) targets in choice of CT view



- Software calculates multiple BTPNA and Guided TBNA paths to the target(s)



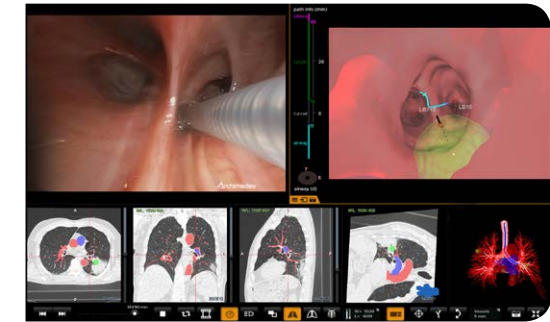
- Virtual Bronchoscopy allows for review of the selected path to target



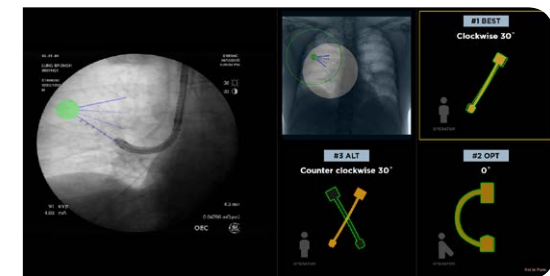
Also available in laptop planner for additional convenience



INTUITIVE IMAGE GUIDANCE AND NAVIGATION



- Real-time bronchoscopic and virtual visualization
- CT projections with target and vessel overlay
- 3D reconstruction of airway tree and vasculature

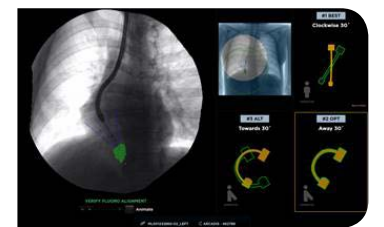


- Recommended c-arm positioning
- Virtual target transposed on fused fluoroscopy
- Navigation to target within 3mm accuracy

AP VIEW



AWAY 30° VIEW



TOWARDS 30° VIEW

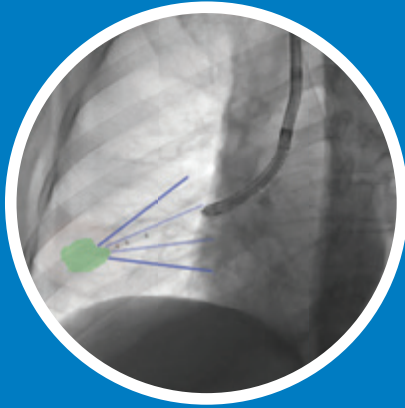


- Target overlay with fused fluoro, in multiple c-arm positions, provides three-dimensional visualization of anatomy, target and scope positioning

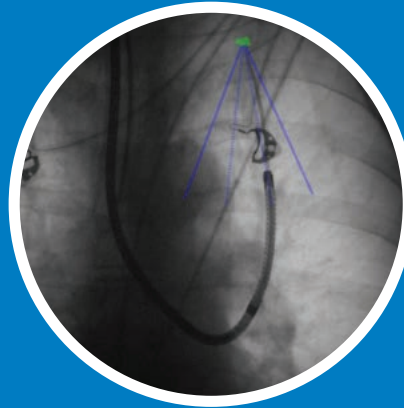
With Access Comes Possibility™

THE ONLY NAVIGATION TECHNOLOGY THAT IS DESIGNED FOR MULTIPLE BRONCHOSCOPIC TECHNIQUES RESULTING IN AN OPTIMIZED DIAGNOSTIC YIELD.

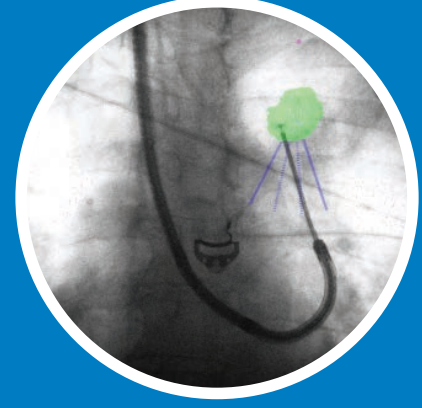
**BTPNA
w/Therapeutic Scope**



**Guided TBNA
w/Diagnostic Scope**



**Guided TBNA w/Access
Sheath and Diagnostic Scope**



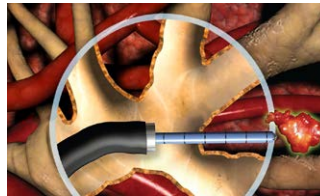
BTPNA (Bronchoscopic TransParenchymal Nodule Access)



**Point of Entry (POE) created using
FlexNeedle®**



**POE Dilated using Archimedes
Balloon**



**Archimedes Sheath for tunneling
with fused fluoro**



**Accessing, diagnosing, and
potentially treating a nodule**

	BTPNA	Guided TBNA
Recommended For:	Nodules without a bronchus sign	Nodules in the lung periphery
Scope Requirements:	Therapeutic Scope	None
Disposables:	Archimedes Access Kit	None for airway navigation Inexpensive Fluoro Key for Fused Fluoro
Benefit(s):	Access to nodules without a bronchus sign	Reduced procedure costs - No dedicated disposables Ability to use any bronchoscope Access to lung periphery

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