

Expect™ Pulmonary

Endobronchial Ultrasound Transbronchial Aspiration Needle

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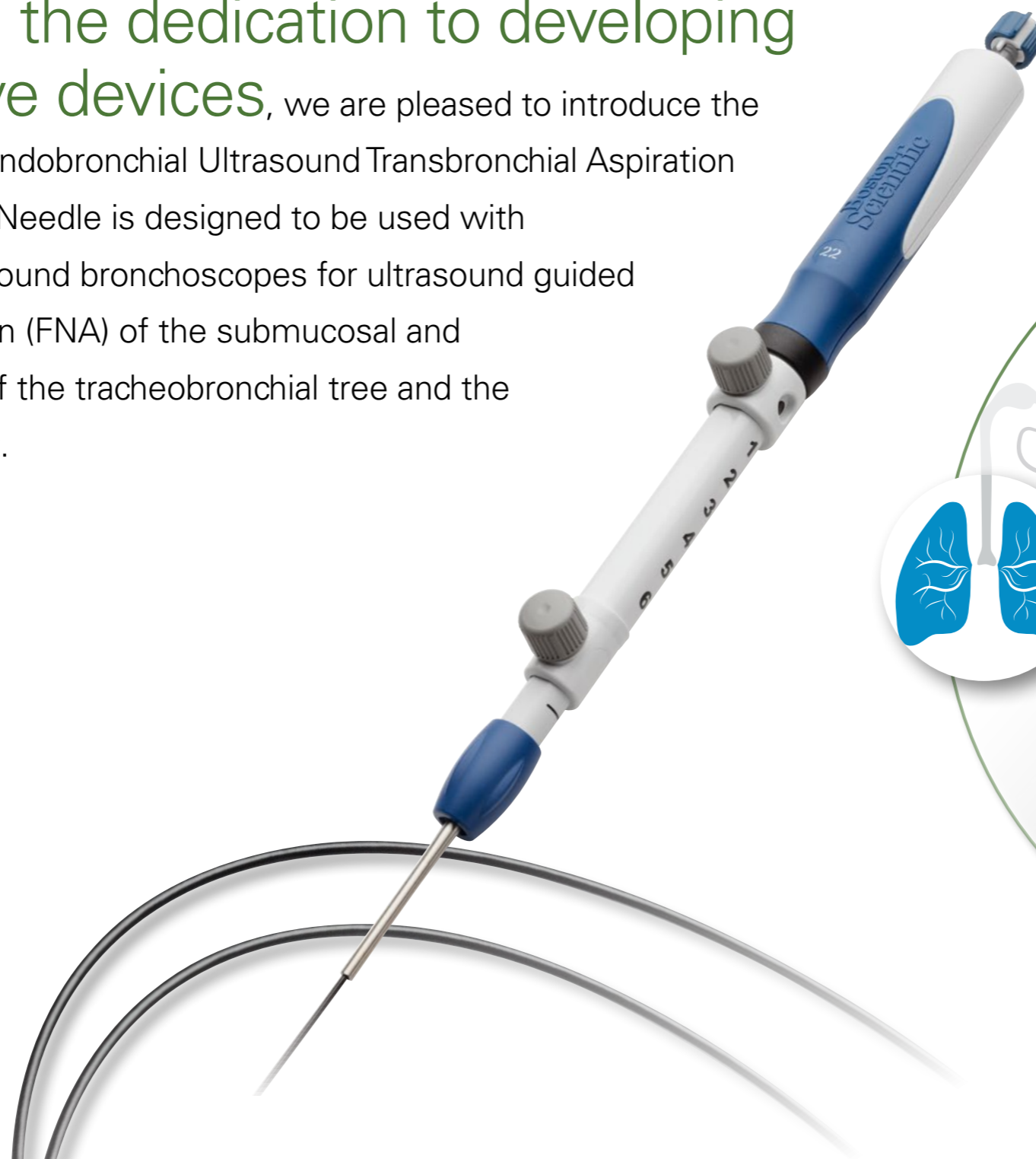


Ordering



Building on the dedication to developing less invasive devices,

we are pleased to introduce the Expect Pulmonary Endobronchial Ultrasound Transbronchial Aspiration Needle. The Expect Needle is designed to be used with endobronchial ultrasound bronchoscopes for ultrasound guided fine needle aspiration (FNA) of the submucosal and extramural lesions of the tracheobronchial tree and the gastrointestinal tract.



Lung cancer screening programs have shown a 20% reduction in mortality.

As guidelines for lung cancer screening continue to evolve, the number of bronchoscopies performed is expected to rise. Built on proven technology, the Expect Pulmonary Needle provides physicians with a durable and reliable method to diagnose and stage lung cancer.



Durability

Cobalt chromium needle provides benefits over some stainless steel alloys including greater needle hardness and excellent tensile properties to deliver*:

- **Superior** needle penetration*
- **Improved** pushability and kink resistance*
- **Increased resistance** to needle damage or deformation after multiple passes*
- **Thin wall of needle** maximizes inner diameter for improved sample collection



After Pass 1



After Pass 18

Durability Test Method: Before placing the needle/sheath into the scope, extend needle out 4 inches and measure the initial angle of the needle. Pass the needle through the benchtop model and lock into place. Measure the angle of the needle when in scope at zero degrees. Articulate the scope to 50 degrees 18 times and then leave at zero degrees. Stick needle out 4 in. and measure angle. Remove the needle from the benchtop model. Outside the scope, extend needle 4 inches and measure the final angle. One needle tested.

Data on file.

*Catheter and Specialty Needle Alloys, an abstract from Materials & Processes for Medical Devices Conference & Exposition, Minneapolis, MN, August 10-12, 2009.

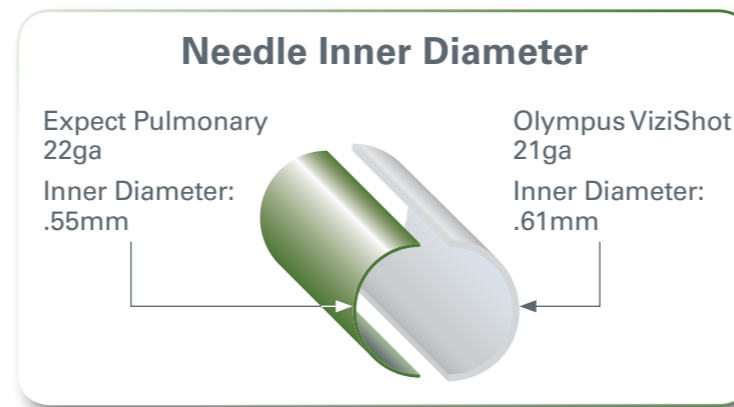


Reliability

Sharp needle tip grind is designed for precise penetration into the target area. Testing shows no deterioration in sample quality throughout a procedure.*

Thin Wall Design

Inner diameter of the 22ga Expect Needle is **only 10% smaller** than the Olympus 21ga needle.*



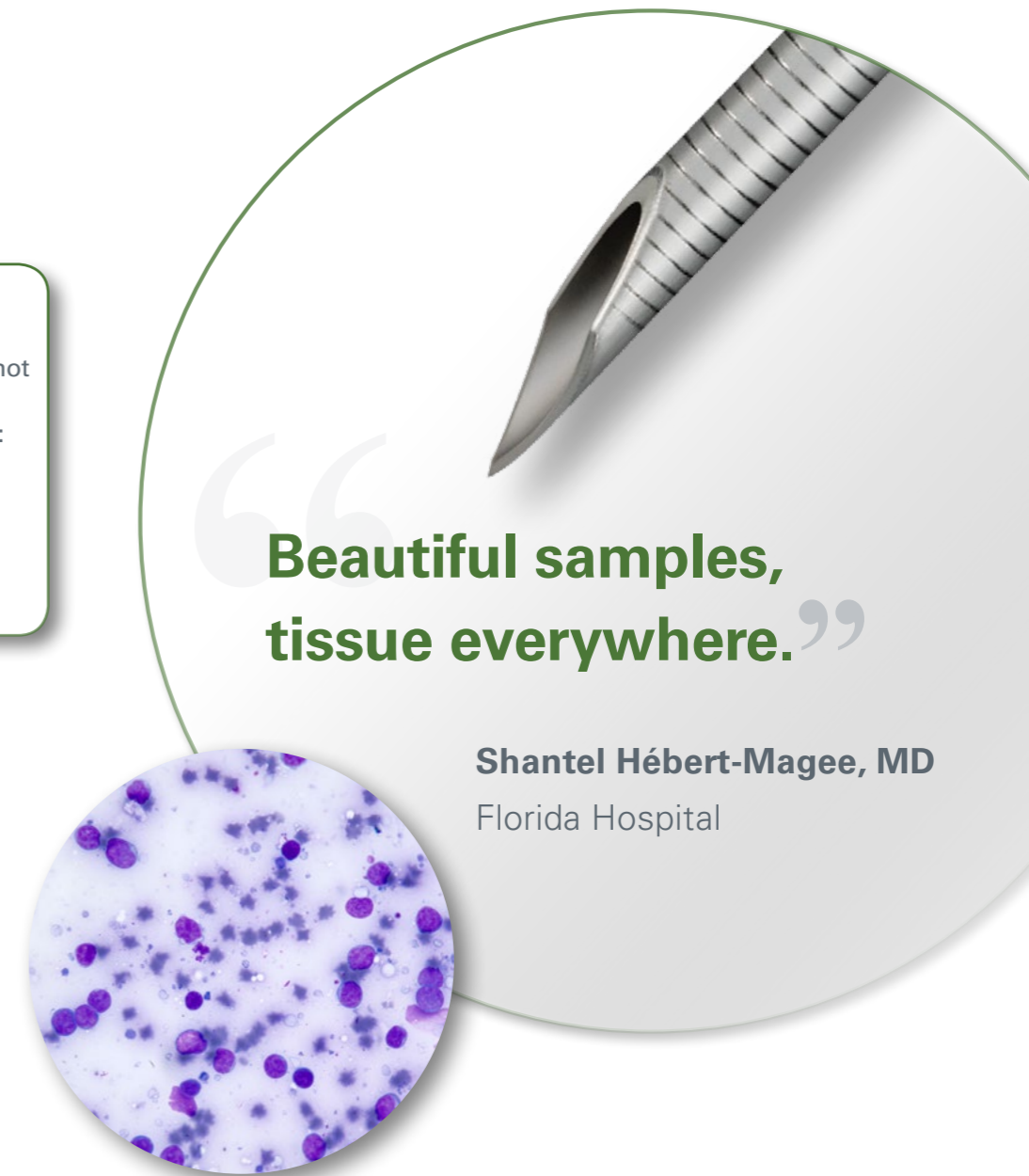
*For illustrative purposes only

Highly Visible Echogenic Pattern



- Extends onto needle tip to help provide precise guidance within the target site
- Helps to maintain needle tip visibility at all times during a procedure

*Data on file.



**Beautiful samples,
tissue everywhere.**

Shantel Hébert-Magee, MD
Florida Hospital



Comfort

Ergonomic rotating handle design and tactile feel to provide **precision** and **control**



Adaptor allows device to be compatible with Olympus EBUS Scopes

Durable Nitinol Stylet allows for reliable needle clearance throughout the procedure

Stylet cap with integrated clip keeps stylet safely contained for improved handling

Smooth actuation and slip resistant grip surface facilitates excellent needle control

Audible and tactile feedback ensuring needle is fully retracted into the sheath

Needle depth lock allows user to control depth of needle penetration

Sheath is pre-set for proper alignment with scope and adjustable based on procedural requirements



“The handle is very ergonomic. I thought it wouldn’t make a difference in terms of **procedural efficiency**, but it really does.”

William A. Bulman, MD
Columbia University Medical Center

“I have **better control** of the needle, especially in small lymph nodes.”

Antoni Rosell, MD
Bellvitge Hospital Universitari

“This needle is so **durable**, I only need to use one for a procedure now.”

Peter Delong, MD
Dartmouth-Hitchcock Medical Center





Boston Scientific offers a broad portfolio of devices

for the diagnosis and treatment of pulmonary diseases along with services and programs that help impact clinical outcomes and bring efficiencies to managing the bronchoscopy suite.

- Clinical staff training through in-services and continuing nursing credit programs (CNE).

Boston Scientific Endoscopy has trained approximately 20,000 nurses each year as part of its CNE programs.

- Patient education materials and Close the Gap health equity programs.
- Services and programs, including e-commerce, supply chain optimization and workflow optimization.
- Guidepoint Reimbursement services and webinars.



CLOSE THE GAP

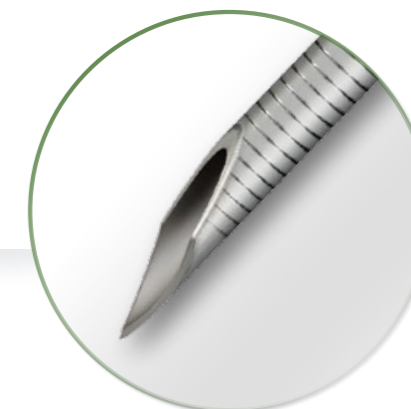
Close the Gap, a health equity program created by Boston Scientific, is dedicated to eliminating treatment disparities in communities across the nation at high risk of suffering from gastrointestinal and pulmonary diseases.

 To learn more visit www.bostonscientific.com/gastroservices



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Endobronchial Ultrasound Transbronchial Aspiration Needle



Product Code	GTIN	Needle Size	Minimum Working Channel (mm)	Sheath Outer Diameter (mm)	Packaging
Olympus Scope Compatible					
M005 58220	08714729861409	Expect Pulmonary 22Ga – Olympus	2.0	1.6	Each
M005 58250	08714729861416	Expect Pulmonary 25Ga – Olympus	2.0	1.4	Each
M005 58731	08714729893189	Expect Pulmonary Needle Adaptor – Olympus	N / A	N / A	Box 10



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Indications, Contraindications, Warnings and Instructions for Use can be found in the product labeling supplied with each device.

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