



See What's Possible with a More Innovative EUS Delivery System

Beacon™ EUS Delivery System

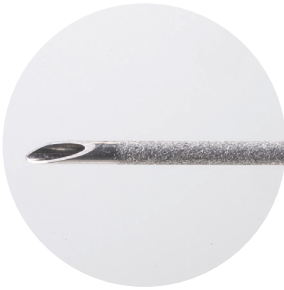
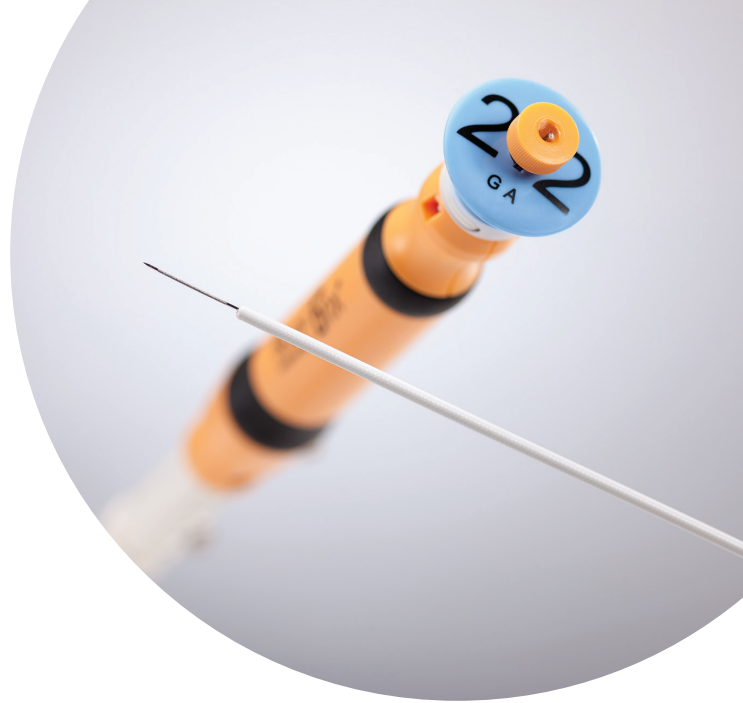
An advanced EUS solution designed to optimize
tissue yield and improve diagnostic rate

Medtronic

A Breakthrough in EUS Delivery

The Beacon™ EUS delivery system is engineered to improve procedural workflow by facilitating the passage of multiple needles through a single delivery system, without removal of the scope.

With the Beacon™ FNA needle and the SharkCore™ FNB needle, this system enables consistent, predictable tissue yield, while also supporting efficiency, interchangeability and clinical staff safety.



Beacon™ Fine Needle Aspiration System

Helps improve the diagnostic rate by enhancing the adequacy of tissue samples with advanced features, including:

- Four cutting edges designed to optimize diagnostic yield
- Super-bright echogenic signature
- Highly flexible 19-gauge nitinol needle construction facilitates easy passage through tortuous positions



SharkCore™ Fine Needle Biopsy System

Features unique needle tip geometry that is designed to:

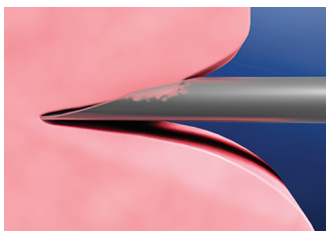
- Acquire cohesive units of tissue with intact cell architecture¹
- Maximize sample acquisition with six cutting edge surfaces
- Minimize tissue stacking and fracturing, potentially leading to better core samples²
- Support flexibility with 25, 22 and 19 gauge needles

Enhanced Tissue Acquisition

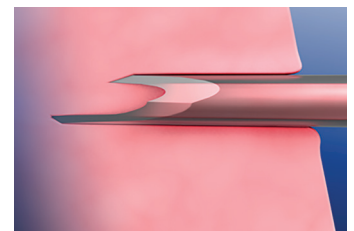
Together, FNA and FNB with the Beacon™ EUS delivery system provides improved tissue yield compared to FNA alone, allowing for:

- Optimal consistency, volume and quality of tissue samples
- More consistent and definitive diagnosis¹
- Samples for both histology and cytology

Standard FNA needle



Sharkcore™ FNB needle



Designed for Clinical Flexibility and Safety

Efficiency

Beacon™ EUS delivery system devices detach, allowing for:

- Fast device exchange to help improve flexibility and in-procedure decisions
- Reduced procedure time when multiple devices are used³
- Maintained scope and delivery system position between needle passes

Interchangeability

The ability to exchange needle sizes in the same delivery catheter provides flexibility in the face of unpredictable hurdles during an FNA or FNB procedure.

- Universal compatibility with all Beacon™ EUS delivery system devices and gauge sizes
- Easy exchange of devices to quickly address patients' clinical needs without requiring complete system removal

Safety

The Beacon™ EUS delivery system features an automated safety shield.

- Proprietary glide ball automatically engages shield when needle is removed
- Minimizes risk of healthcare staff needle stick injury



Advanced Platform

An innovative design that offers you unique benefits:

- High echogenic visibility, efficient device exchange and ease of use
- A braided wire design maintains an open lumen even in a tortuous position



BNX™ Systems and Needles Product List

Code	Description	Unit of Measure
DSN-19-01	BNX™ Fine Needle Aspiration System with Pre-loaded Nitinol Needle - 19 Gauge	Each
DSN-22-01	BNX™ Fine Needle Aspiration System with Pre-loaded Needle - 22 Gauge	Each
DSN-25-01	BNX™ Fine Needle Aspiration System with Pre-loaded Needle - 25 Gauge	Each
N-19-05	BNX™ FNA Individually Packed Nitinol Needle - 19 Gauge	Box of 5
N-22-05	BNX™ FNA Individually Packed Needle - 22 Gauge	Box of 5
N-25-05	BNX™ FNA Individually Packed Needle - 25 Gauge	Box of 5

SharkCore™ Product List

DSL-19-01	SharkCore™ Fine Needle Biopsy System with Pre-loaded Nitinol Needle - 19 Gauge	Each
DSC-22-01	SharkCore™ Fine Needle Biopsy System with Pre-loaded Needle - 22 Gauge	Each
DSC-25-01	SharkCore™ Fine Needle Biopsy System with Pre-loaded Needle - 25 Gauge	Each
L-19-05	SharkCore™ FNB Individually Packed Nitinol Needle - 19 Gauge	Box of 5
C-22-05	SharkCore™ FNB Individually Packed Needle - 22 Gauge	Box of 5
C-25-05	SharkCore™ FNB Individually Packed Needle - 25 Gauge	Box of 5

Medtronic is committed to partnership in the GI community and supporting healthcare professionals as they work towards early detection of GI diseases. Contact your Medtronic GI representative for more information.

Important Information:

Beacon™ FNA Needle: Procedural risks associated with gastrointestinal endoscopy include, but are not limited to: perforation, hemorrhage, aspiration, fever, hypotension, respiratory depression or arrest, cardiac arrhythmia or arrest, infection, allergic reaction to medication, damage to blood vessels, nerve damage, tumor seeding of the needle tract and acute pancreatitis.

SharkCore™ FNB Needle: Procedural risks associated with gastrointestinal endoscopy include, but are not limited to: perforation, hemorrhage, aspiration, fever, hypotension, respiratory depression or arrest, cardiac arrhythmia or arrest, infection, allergic reaction to medication, damage to blood vessels, nerve damage and acute pancreatitis. Procedural risks associated with EUS Needle Biopsy include but are not limited to: bleeding, pain, death, peritonitis, infection/bacteremia, tumor seeding of the needle tract, and needle fracture requiring intervention for removal.

For a full indications of use, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use

References:

¹ Based on product development testing data. Data on file (Report #1085 and Report #1090)

² When compared to Beacon FNA needles based on test results (Report #1085)

³ Enestvedt, Brintha K, et al. Is Two Better Than One? A Comparison of EUS-FNA Efficiency of Single- vs Multi-Needle Platforms. Gastrointestinal Endoscopy, Volume 77, Issue 5, AB179.

Medtronic

99 Hereford Street
Brampton, Ontario, L6Y 0R3
Toll-free: 800.268.5346
Tel: 905.460.3800

medtronic.ca

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