



ENT NAVIGATION SOLUTIONS

- FUSION®
- FUSION Compact™
- Accessories

Medtronic

ADVANCING PATIENT CARE WITH ENT NAVIGATION

Fusion® navigation delivers meaningful innovation. With reliable accuracy, you can display the instrument-tip location on the Fusion screen—which may allow more thorough dissection and reduced complication risk in select patients.¹⁻³

But it's more than that. We make technology smart and simple. Like factory-calibrated instruments with built-in navigation. And a one-piece, non-invasive patient tracker.

Whatever the surgery, whatever the need—our systems, instruments, and accessories can enhance your workflow and advance patient care.

BOTH EM SYSTEMS FEATURE:

- Automated registration/verification
- Reusable instruments
- Multi-instrument tracking
- Seamless integration with factory-calibrated instruments
- Custom surgeon settings
- Familiar Medtronic navigation design
- Optional hardware, software, and accessories

FUSION®

ENT Navigation System

Fusion offers a convenient all-in-one system that's easy to roll from OR to OR.





FUSION Compact™

ENT Navigation System

The modular Fusion Compact™ gives you the freedom to use navigation where and when you need it.

- Convenient, mobile, portable
- Touchscreen interface
- Digital video input and output
- 8 ports for AxiEM™ instruments
- Optional tripod stand for emitter and emitter arm

OUR NAVIGATION PORTFOLIO

REUSABLE STANDARD INSTRUMENT SET

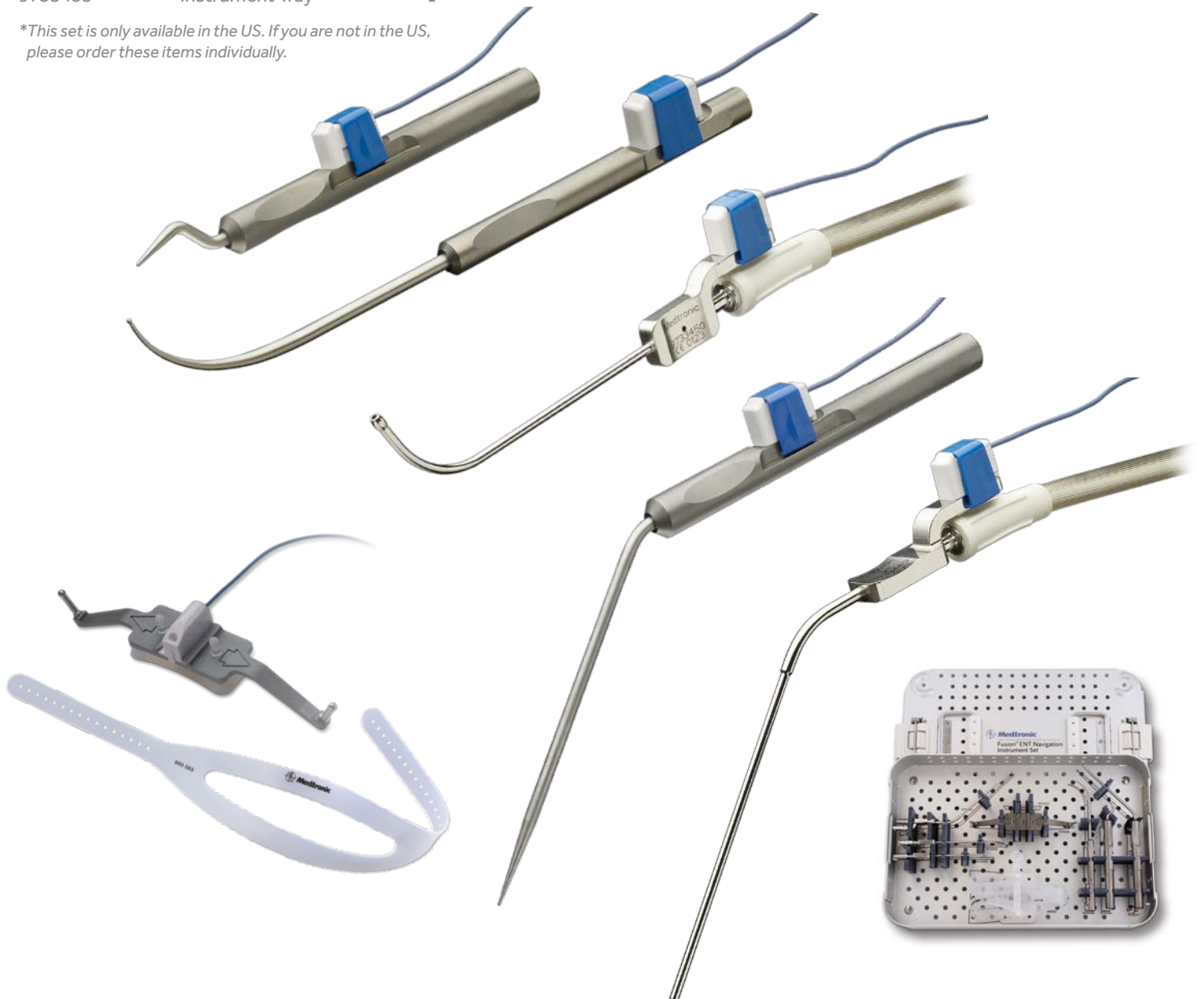
- Mirrors the instruments used in non-navigated ENT surgery

9733452 Fusion ENT Navigation Instrument Set*

Set Includes:

9733454	Head Frame Kit	1
9733446	Registration Probe	1
9733447	Straight Probe	1
9733449	Straight Suction	1
9733450	Curved Suction, 70°	1
9733451	Curved Suction, 90°	1
9733448	Ostium Seeker	1
9733455	Instrument Tray	1

**This set is only available in the US. If you are not in the US, please order these items individually.*



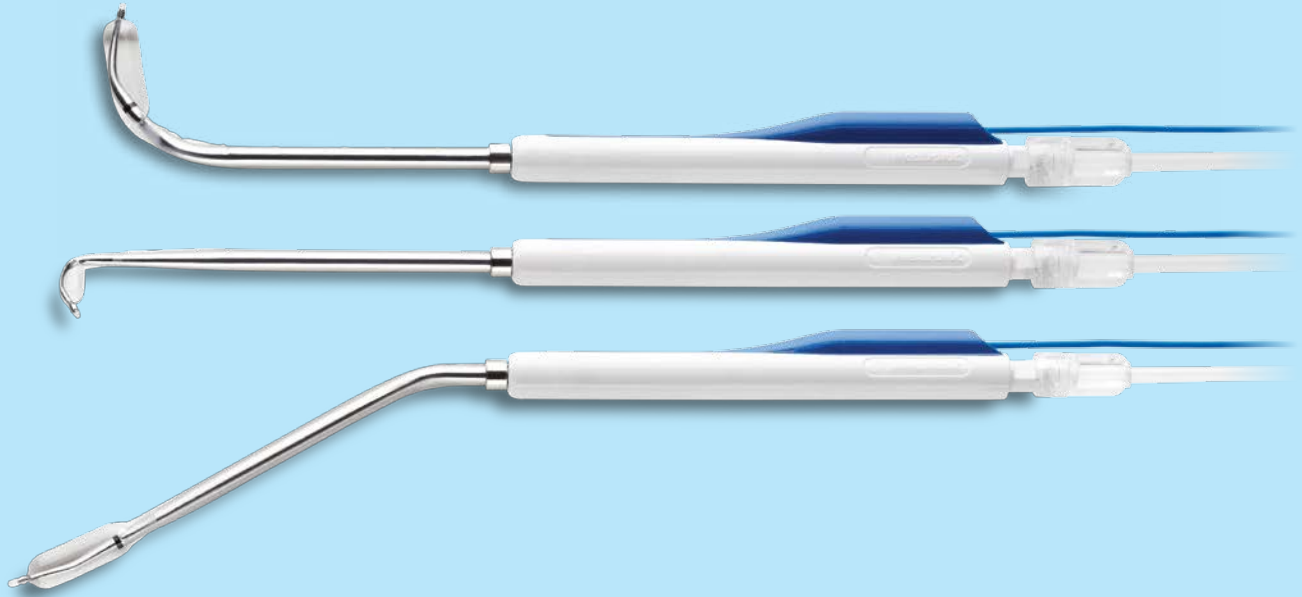
PLUG AND PLAY SOLUTIONS

NUVENT® EM SINUS DILATION SYSTEM

Balloon Dilation with Integrated Navigation

- Simple, targeted, and precise
- Rigid construction to move tissue and bone
- Frontal, maxillary, and sphenoid designs

1830517FRT	Frontal Balloon 5.0mm x 17.0mm	1
1830617FRT	Frontal Balloon 6.0mm x 17.0mm	1
1830717FRT	Frontal Balloon 7.0mm x 17.0mm	1
1830507MAX	Maxillary Balloon 5.0mm x 7.0mm	1
1830607MAX	Maxillary Balloon 6.0mm x 7.0mm	1
1830707MAX	Maxillary Balloon 7.0mm x 7.0mm	1
1830517SPH	Sphenoid Balloon 5.0mm x 17.0mm	1
1830617SPH	Sphenoid Balloon 6.0mm x 17.0mm	1
1830717SPH	Sphenoid Balloon 7.0mm x 17.0mm	1
18INFKIT	Inflator Kit	1



AxiEM™ Non-Invasive Patient Tracker

9734887XOM

- Self-adhesive, one-piece tracker enables simpler, easier workflow during navigated ENT surgery



Automatically Recognized and Ready for Use

MALLEABLE SUCTION INSTRUMENTS

Bendable Suction with Built-in Navigation

- Re-shape without having to re-verify
- Standard suction design
- Multiple sizes and tips



Standard tip



Angle tip



Ball tip

9735015	Small standard tip, 14.5 cm	1
9735016	Medium standard tip, 16.5 cm	1
9735017	Medium angle tip, 16.5 cm	1
9735018	Medium ball tip, 16.5 cm	1
9735019	Large standard tip, 20 cm	1

STRAIGHTSHOT® AUTOMATED EM TRACKING BLADES

First and Only Factory-Calibrated Blades for Navigation

- No array, no clamps, no calibration, no waiting
- Available in straight and curved blades
- Curved blade tips that rotate 360°

1884080EM	Tricut® 13 cm Straight Rotatable Blade, 4 mm	1
1884012EM	RAD® 12 Curved Rotatable Blade, 4 mm	1
1884006EM	RAD 40 Curved Rotatable Blade, 4 mm	1
1883080EM	Quadcut® Blade 3 mm X 13 cm	1
1883480EM	Quadcut Blade 3.4 mm X 13 cm	1
1884380EM	Quadcut Blade 4.3 mm X 13 cm	1
1895522	Irrigation Tubing Set	1



Quadcut® Tracking Blades offer reduced clogging, improved precision, and better engagement of ethmoid bone.⁴

REUSABLE SUPPLEMENTAL INSTRUMENT SET

- Unique designs enable better visibility and ease of use during a broad variety of surgical procedures and techniques

9734378	Supplemental Instrument Set*	1
Set includes:		
9734306	Frontal Suction, 45°	1
9734307	Frontal Suction, 90°	1
9734308	Small Straight Suction	1
9734311	Elevator	1
9733446	Registration Probe	1
9733454	Head Frame Kit	1
9734320	Instrument Tray	1

*This set is only available in the US. If you are not in the US, please order these items individually.



Cranial DRF: Dynamic Reference Frame

9731132 (5 Pack)



- Attaches to the cranium in essentially any location
- Designed for surgery with coronal flaps and lengthy complex cases such as lateral skull base
- Includes reference frame and screwdriver

EM Trackers

- Conveniently attaches to reusable instruments and headframes

9733534	Patient Tracker 1PK	1
9733533	Instrument Tracker 1PK	1
9732500	Adhesive Pad for Head Frame Kit 25PK	1



OPTIONAL SOFTWARE MODULES



StealthMerge® ENT Image Registration Software

- More Information from Multiple Sources
- Automatically merges image data from CT, CTA, MR, and MRA exams
 - Precisely correlates up to 4 patient data sets
 - Exclusive advanced 3D matching algorithms

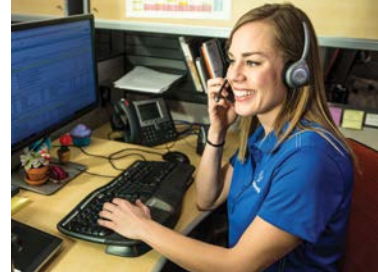


DICOM Query/Retrieve Image Retrieval Software

- Patient Data at Your Fingertips
- Easily find and retrieve patient exams directly from the Fusion system via your existing PACS
 - Faster, more convenient way to get the images you need

ResponseCare® Services

Medtronic helps you protect your technology investment and minimize downtime with comprehensive service and support.



Local Clinical and Technical Support

Our expert clinical and technical support specialists ensure your system delivers optimal performance. Medtronic ENT representatives are extensively trained and qualified to provide surgical support, staff training, and system maintenance.

Technical Phone Support

- We provide round-the-clock* technical assistance to help your case get back on track

*Technical assistance available 24 hours a day, seven days a week in US only.

Annual Planned Maintenance

- We check your system thoroughly to ensure it's operating at peak performance

Software Updates

- We'll keep your system current with software updates at no additional charge

Remote Support

- We can troubleshoot and solve problems faster with remote support tools

References

1. Dalgorf D, Sacks R, Wormald P-J, et al. Image-guided surgery influences perioperative morbidity from endoscopic sinus surgery: A systematic review and meta-analysis. *Otolaryngol Head Neck Surg.* July 2013;149(1):17-29.
2. Chiu AG and Vaughan WC. Revision endoscopic frontal sinus surgery with surgical navigation. *Otolaryngol Head Neck Surg.* 2004;130:312-318.
3. Pillai P, Sammet S, Ammirati M. Image-guided, endoscopic-assisted drilling and exposure of the whole length of the internal auditory canal and its fundus with preservation of the integrity of the labyrinth using a retrosigmoid approach: a laboratory investigation. *Operative Neurosurgery.* 2009;65:ons53-59.
4. Boone JL, Feldt BA, McMains KC, Weitzel EK. Improved function of prototype 4.3mm Medtronic Quadcut microdebrider blade over standard 4.0mm Medtronic Tricut microdebrider blade. *Int Forum Allergy Rhinol.* 2011; 00(Jan/Feb):1-3.

Rx only. Refer to product instruction manual/package insert for instructions, warnings, precautions and contraindications.

For further information, please call Medtronic ENT at 800.874.5797 and/or consult Medtronic's website at www.medtronicent.com.

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Chile 56-2-2655-5110
China 86-21-20325888
Colombia 57-1-742-7300
Czech Republic 420-2-9657-9580
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Germany 49-2159-8149-209
Greece 30-210-67-79-099
Hong Kong 852-2919-1312
Hungary 36-188-90600
India 91-22-26836733
Israel 972-9-972-4400
Italy 39-02-24137-324
Japan 81-3-6430-2017
Korea 82-2-3404-3600
Lebanon 961-1-370-670
Luxembourg 32-2456-09-09
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