

Stryker ENT navigation system

One system
multiple options

Introducing Stryker's navigation system:
Designed to enhance precision.*¹

Despite its small footprint, the Stryker ENT navigation system can make a big impact by adapting to a variety of preferences, tools, and workflows. The pathways surgeons navigate are complex; so harness the power of augmented reality and pre-planning with the Stryker ENT navigation system to provide enhanced visibility for enhanced surgical experiences.

*Designed to locate anatomical landmark of interest within 2mm



Made for you to make it yours

Augmented reality and Building Blocks planning software

Scopis software offers groundbreaking target guided surgery (TGS) and augmented reality (AR) with standard-of-care electromagnetic technology. Utilizing Building Blocks planning features, developed with the assistance of Dr. Peter J. Wormald, TGS technology allows you to map out individual patient anatomy leveraging foundational principles by leveraging the International Frontal Sinus Anatomy Classification (IFAC).

Combining the power of image guided technology and TGS technology is a gamechanger. It serves as a tool to improve visualization of critical anatomy and tissue while also merging pre-operative planning to enhance visual information during surgery.²



Customize your approach

Use Scopis planning software to:

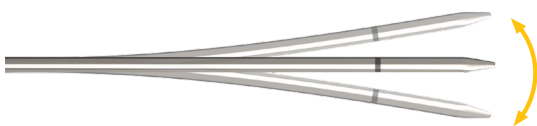
- Analyze the 3D anatomy
- Plan sinus drainage pathways and target anatomy
- Export your preoperative plans and upload directly onto your Stryker ENT navigation system

Visit go.ent.stryker.com/buildingblocks
for a complimentary year's access to
trial Stryker's Building Blocks software.



Malleable instruments

The system features an array of malleable electromagnetic pointers to facilitate access to complex anatomy like the frontal sinuses.³



Navigation instruments

Nearly any rigid instrument can be calibrated, and navigated with the Stryker ENT navigation system in a matter of seconds.

Instrument clamps



2-6 mm 6-10 mm 10-16 mm

Universal trackers





Stryker ENT navigation system

Patient and instrument tracking

TGS guidewire + XprESS ENT dilation system

The TGS guidewire enables navigation during balloon sinus dilation procedures when using the XprESS LoProfile system.

Limited to 1 use

Note: TGS guidewire and XprESS ENT dilation system are sold separately.



Patient tracker electromagnetic

Both 10 use and unrestricted use available

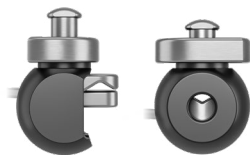


Instrument clamp universal and sphere

These universal clamps add a low profile option for comfortability and precise navigation

Limited to 10 uses

Note: clamp and instrument are sold separately; no additional adapter required.



Instrument clamp (2-6 mm, 6-10 mm, 10-16 mm), forceps

Allows navigation when combined with the universal tracker electromagnetic



Precision pointer electromagnetic

1.5 mm, malleable
Limited to 10 uses



Extended pointer electromagnetic

2.5 mm, malleable
Limited to 10 uses



Registration pointer electromagnetic

2.5 mm
Unrestricted use



Suction tube, Frazier electromagnetic

3 mm
Limited to 10 uses



Suction tube, Eicken electromagnetic

3 mm
Limited to 10 uses



Endoscope tracker electromagnetic

Navigation of compatible 0°, 30° and 45° endoscopes with 4 mm diameter and 175 mm length

Limited to 10 uses

Note: endoscope not included



Universal tracker electromagnetic

Allows navigation of a variety of typical FESS instruments in combination with the instrument adapter system

Limited to 10 uses

Note: clamp and instrument sold separately



Ordering information

Catalog no.	Description
Stryker ENT navigation system	
8000-021-001	Scopis ENT software
8000-021-002	Scopis ENT software with TGS
8000-010-003	Electromagnetic navigation unit
Navigation platform accessories	
8000-010-004	Field generator
8000-010-005	Field generator mounting arm
8000-030-002	Equipment cart pro
8000-030-010	Medical keyboard U.S./international
8000-030-020	Mouse, wired
Navigation instruments	
8000-100-001	Patient tracker tabs, 100 per unit
8000-040-001	Patient tracker electromagnetic mini disinfectable red hub
8000-050-003	Registration pointer electromagnetic
8000-050-011	Navigation tool extension cable
8000-060-009	TGS guidewire
XprESS ENT dilation system	
Note: The TGS guidewire enables navigation during balloon sinus dilation procedures when using the XprESS LoProfile system.	
LPLF-106	XprESS LoProfile system LPLF-106 6 x 20 mm, 1 system
LPLF-107	XprESS LoProfile system LPLF-107 7 x 20 mm, 1 system
LPLF-205	XprESS LoProfile system LPLF-205 5 x 8 mm, 1 system
LPLF-206	XprESS LoProfile system LPLF-206 6 x 8 mm, 1 system

Catalog no.	Description
Navigation instruments (continued)	
8000-060-010	Instrument clamp, forceps
8000-060-011	Instrument clamp, 2-6 mm
8000-060-012	Instrument clamp, 6-10 mm
8000-060-013	Instrument clamp, 10-16 mm
Navigation instruments, maximum 10 uses	
8000-040-002	Patient tracker electromagnetic mini
8000-050-001	Precision pointer electromagnetic
8000-050-002	Extended pointer electromagnetic
8000-050-003	Registration pointer electromagnetic
8000-050-005	Suction tube, Frazier electromagnetic
8000-050-006	Suction Tube, Eicken electromagnetic
8000-060-001	Endoscope tracker electromagnetic
8000-060-002	Calibration body electromagnetic
8000-060-006	Universal tracker electromagnetic
8000-060-020	Instrument clamp sphere, universal tracker
8000-060-021	Instrument clamp universal, universal tracker
Pre-planning software	
8000-021-005	Scopis planning software

To order

Call: 866 620 7615 | Fax: 866 620 7616 | ent-customerservice@stryker.com

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Important Risk and Safety Information

TGS Guidewire Intended Use: The TGS guidewire is intended as an aid for precisely locating anatomical structures in either open or percutaneous procedures. It is intended for use with the Stryker ENT navigation system and the XprESS LoProfile ENT dilation system during balloon sinus dilation procedures.

TGS Guidewire Indications for Use: The TGS guidewire is indicated for any medical condition in which the use of stereotactic surgery may be appropriate, and where reference to a rigid anatomical structure in the field of ENT surgery, such as the paranasal sinuses, mastoid anatomy, can be identified relative to a CT- or MR- based model of the anatomy.

Example procedures include, but are not limited to:

Transsphenoidal access procedures; Intranasal procedures; Sinus procedures, such as maxillary antrastomies, ethmoidectomies, sphenoidotomies/sphenoid explorations, turbinate resections, and frontal sinusotomies; ENT-related anterior skull base procedures

TGS Guidewire Contraindications: The instrument must not be exposed to MRI or used in a Magnetic Resonance Environment. The MRI exposure might magnetize the sensor.

Please see Instructions for Use (IFU) for a complete listing of warnings and precautions.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician.

Stryker ENT Navigation System Indications for Use: The Stryker ENT navigation system is indicated for any medical condition in which the use of stereotactic surgery may be appropriate, and where reference to a rigid anatomical structure in the field of ENT surgery, such as the paranasal sinuses, mastoid anatomy, can be identified relative to a CT or MR based model of the anatomy.

Example procedures include, but are not limited to the following ENT procedures:

Transsphenoidal access procedures; Intranasal procedures; Sinus procedures, such as maxillary antrastomies, ethmoidectomies, sphenoidotomies/sphenoid explorations, turbinate resections, and frontal sinusotomies; ENT related anterior skull-based procedures

This document is intended solely for the use of healthcare professionals. A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. We do not dispense medical advice and recommend that surgeons be trained in the use of any particular product before using it in surgery.

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References

1. Data on file at Stryker D0000013273 (UN606; SR773)
2. Citardi MJ, Agbetoba A, Bigcas JL, Luong A. Augmented reality for endoscopic sinus surgery with surgical navigation: a cadaver study. *Int Forum Allergy Rhinol.* 2016;6: 523–528.
3. Data on file at Stryker D0000238148 and D0000235166
4. Stryker ENT Navigation system, instructions for use. D0000060936
5. TGS Guidewire, instructions for use. 5176-001
6. XprESS ENT Dilation System, instructions for use. 4322-001