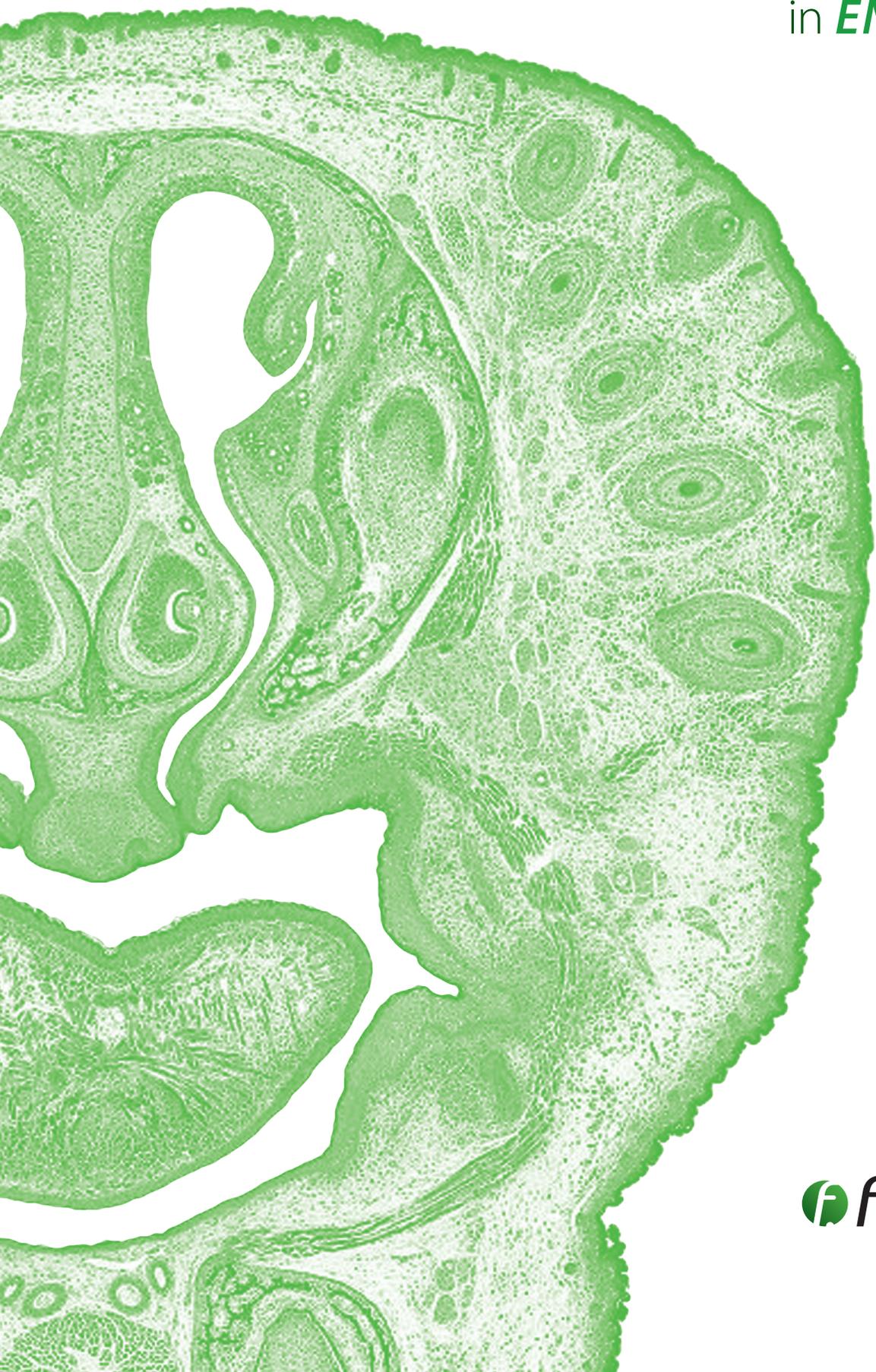


The Next Dimension  
Virtual Guidance Technology  
in **ENT** Surgery

**CUBE<sup>4D</sup>**

 **fiagon.**  
*confidence in precision*



 **fiagon.**  
*confidence in precision*



# The Next Dimension Virtual Guidance Technology

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Fiagon began in 2007 with a vision: to reimagine image-guided surgery by making electromagnetic guidance intuitive and simple to use. Born of a doctoral thesis and developed in conjunction with University Hospitals Munich and Erlangen, Fiagon created a navigation system that provides physicians with easy-to-use, integrable navigation solutions.

Following a successful international launch in Europe, Fiagon opened its North American headquarters in Austin (TX), USA, in 2014. Within a year, Fiagon redefined the standard of care in the ENT office market by providing solutions such as tip tracked, malleable instrumentation, integrated headrest solutions, and an open architecture platform allowing the surgeon to navigate instruments of their own. Building on this proven platform, Fiagon now introduces the latest innovation in ENT: Virtual Guidance Technology, a modern and high precision solution for ENT and ENT based skull-base surgery.

With Fiagon, you not only gain access to world-class products and superior service but a partnership with the company. The physician's voice and opinion inspire our customer-driven products by focusing on practice efficiency and optimizing patient care.

With confidence in precision.



# The Next Dimension Virtual Guidance Platform

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## Modularity

Fiagon offers variety and flexibility to accommodate your facility, including a comprehensive portfolio of ENT modules to fit your needs and preferences in the office, ASC, or Hospital setting.

## Integrability

Compact design easily integrates into any cart or tower shelf creating valuable operating room space. Avoid cable mismanagement using **VirtuLink™**, an adaptable, portable, multisensor port to drive up to 3 instruments simultaneously.

## Simplicity

The intuitive interface guides you with onscreen instructions and audible confirmation tones. Our visual VirtuLite technology guides you with status feedback via clearly visible LED lighting.

### **VirtuLink™**

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#### **Multisensor Port**

Seamless transition  
from instrument to instrument



# CUBE<sup>4D</sup>

Fiagon's CUBE is the new top-of-the-line Virtual Guidance Platform for high precision ENT and ENT related skull-base surgeries. The core strengths of the Fiagon navigation system are Modularity, Integrability and Simplicity.



# The Next Dimension Virtual Guidance in **ENT** Surgery

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## Photo Registration Technology

Developed in collaboration with world-renowned otolaryngologist Dr. David Kennedy, Fiacon has introduced a novel and easy to use touchless registration technology - **VirtuEye™**. Our unique 3D recognition software achieves accurate and precise image guidance registration incorporating exclusive touchless photo registration technology.

### **VirtuEye™**

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#### Touchless Registration

Reduces patient interaction while achieving accurate and precise image registration

The novel 3D-Imaging Technology **VirtuEye™** mitigates common tactile tracing errors by collecting thousands of patient reference points in one camera shot. The entire registration process can be achieved in under 30 seconds without touching the patient. This new and innovative photo registration technology significantly improves workflow and enables an objective, user-independent registration.



#### **Publications**

Glicksman JT, Reger C, Parasher AK, Kennedy DW. Accuracy of computer-assisted navigation: significant augmentation by facial recognition software. Int Forum Allergy Rhinol. 2017;7(9):884-888. doi:10.1002/alr.21982

# VenSure™ Balloon Dilation System

## Balloon Dilation System

Fiagon's elegant balloon dilation system, **VenSure™**, gives surgeons the ability to accurately perform balloon sinuplasty procedures with the added confidence of navigation. **VenSure™** perfectly complements Fiagon's surgical approach, focusing on simplicity and easy of use.

### Tip

Malleable atraumatic tip allows safe maneuvering and gentle palpation of the sinus anatomy, 1.65 mm tip diameter.

### Shaft

Slim responsive shaft optimizes visibility and working space with exceptional feel

### Navigation

Integrated tip tracked navigation



### Balloon

Affixed balloon combined with distal tip markers to verify and visualize proper device placement within the paranasal sinus cavities, 6 mm x 18 mm balloon

### Handle

Slim ergonomic profile fits well in surgeon's hand and grip

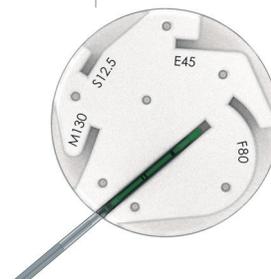
### Inflation Device

Illuminating confirmation gauge ensures consistently accurate dilation



### Bending Tool

Enables easy adjustment of balloon to reach frontal, maxillary, and sphenoid sinuses



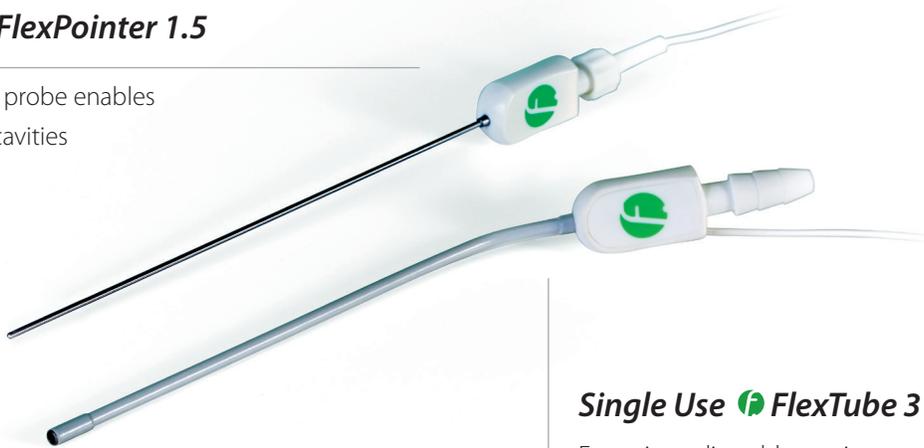


# Navigated Instruments

Single Use Platform - Introducing Fiagon's new instrument portfolio of single use sterile products. Eliminate time-consuming cleaning, cross-contamination, and maintain optimal hygiene with these malleable, tip tracked instruments.

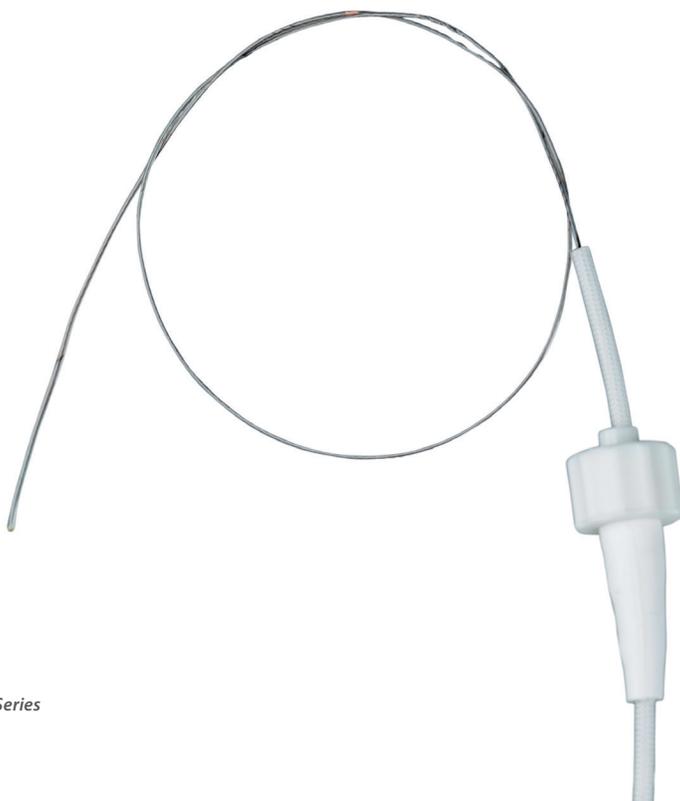
## Single Use FlexPointer 1.5

Versatile malleable probe enables access to all sinus cavities



## Single Use FlexTube 3

Featuring adjustable suction control for OR and office procedures



## Single Use GuideWire 0.6

Maximize confidence while navigating balloons

# The Next Dimension Modular Guidance System

We thrive on revolutionizing our valued customers' practices by providing exceptional customer service driven products. That is why Fiagon offers **three** thoughtfully configured navigation sets so you, the customer, can choose exactly what is needed.

	<b>Essential</b> <i>Contains all the essentials for sinus navigation. Optimized for office and surgery centers.</i>	<b>Photo</b> <i>Achieve accurate and precise image registrations. Optimized for all surgical settings.</i>	<b>Excellence</b> <i>Take your practice to the next level with our most comprehensive configuration. Optimized for surgery centers and hospitals.</i>
Navigation Unit CUBE 4D	✓	✓	✓
Sinus Navigation Software	✓	✓	✓
VirtuLink™	✓	✓	✓
VirtuEye™		✓	✓
Image Fusion Tool		✓	✓
Ear Navigation Software			✓

# Partnership with Fiagon

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Contact a consultant in your region or our team directly to set up a trial.

## North America

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Please be aware that this document does not replace an instruction for use.

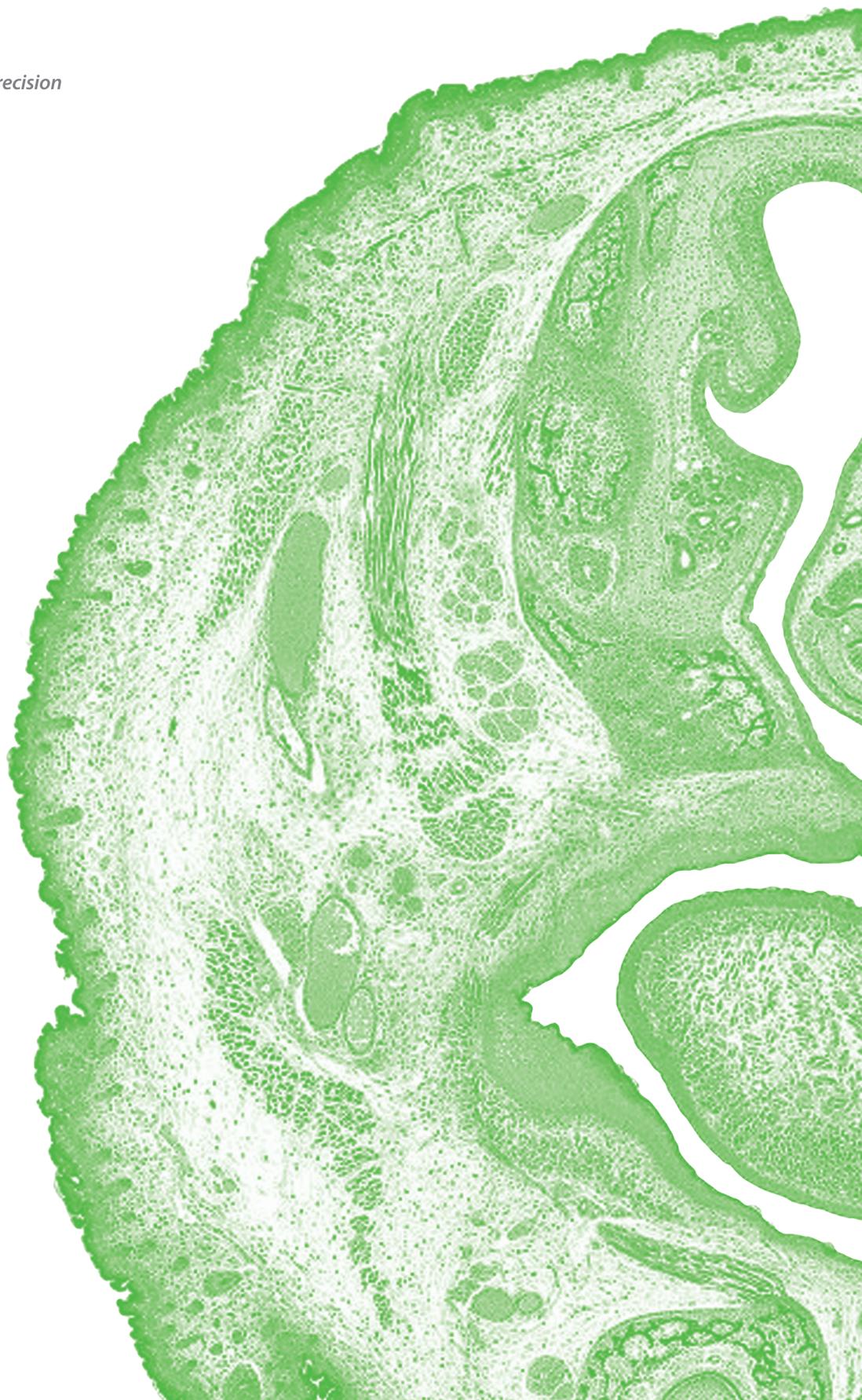
Rx Only. Refer to product's IFU for instructions and important safety information. Please find the instructions for use of the devices found in this document at <https://www.fiagon.com/us/company/instructions-for-use>



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