The Next Dimension
Virtual Guidance Technology
in ENT Surgery

CUBE4D

fiagon. confidence in precision
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

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™
Multisensor Port
Seamless transition from instrument to instrument
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

**Photo Registration Technology**
Developed in collaboration with world-renowned otolaryngologist Dr. David Kennedy, Fiagon 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™**
**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**
Fiagon’s elegant balloon dilation system, 
\textit{VenSure}^{\text{TM}}, gives surgeons the ability to accurately perform balloon sinuplasty procedures with the added confidence of navigation. \textit{VenSure}^{\text{TM}} perfectly complements Fiagon’s surgical approach, focusing on simplicity and easy of use.

\textbf{Tip}  
Malleable atraumatic tip allows safe maneuvering and gentle palpation of the sinus anatomy, 1.65 mm tip diameter.

\textbf{Shaft}  
Slim responsive shaft optimizes visibility and working space with exceptional feel

\textbf{Navigation}  
Integrated tip tracked navigation

\textbf{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

\textbf{Handle}  
Slim ergonomic profile fits well in surgeon’s hand and grip

\textbf{Inflation Device}  
Illuminating confirmation gauge ensures consistently accurate dilation

\textbf{Bending Tool}  
Enables easy adjustment of balloon to reach frontal, maxillary, and sphenoid sinuses
The Next Dimension
Virtual Guidance in **ENT** Surgery

10-Time Use Reposable Platform – Our comprehensive portfolio of versatile multi-use instruments arms your practice with solutions for any procedure.

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**Navigated Suction Tubes**
Rigid suctions for confidence in desired approaches

**Navigated Pointers**
Tip-tracked, malleable multisensor ENT instruments

**Navigated Adapters**
Open architecture delivers rapid calibration to a wide range of rigid instrumentation
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
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.

### The Next Dimension

**Modular Guidance System**

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<tr>
<th>Essential</th>
<th>Photo</th>
<th>Excellence</th>
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<tr>
<td><strong>Contains all the essentials for sinus navigation. Optimized for office and surgery centers.</strong></td>
<td><strong>Achieve accurate and precise image registrations. Optimized for all surgical settings.</strong></td>
<td><strong>Take your practice to the next level with our most comprehensive configuration. Optimized for surgery centers and hospitals.</strong></td>
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<tr>
<th>Navigation Unit CUBE 4D</th>
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<td>Ear Navigation Software</td>
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Partnership with Fiagon

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

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