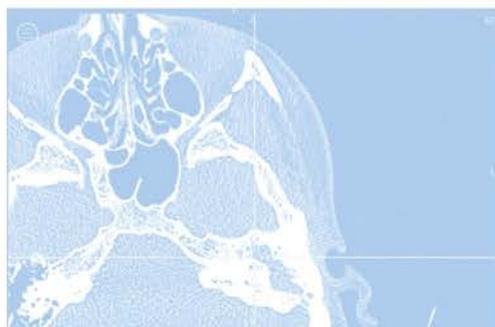


# ENT SURGICAL NAVIGATION SYSTEM



- Endonasal surgery
- Skull base surgery
- Otoneurosurgery

 **COLLIN**  
Collin Navigation Solutions®

Since 2002, Collin has been manufacturing and marketing ENT surgical navigation systems using electromagnetic technology.

The experience we have gained over the past 18 years has made us the reference in the field of ENT Electromagnetic Navigation. Collin is now the market leader in many countries.

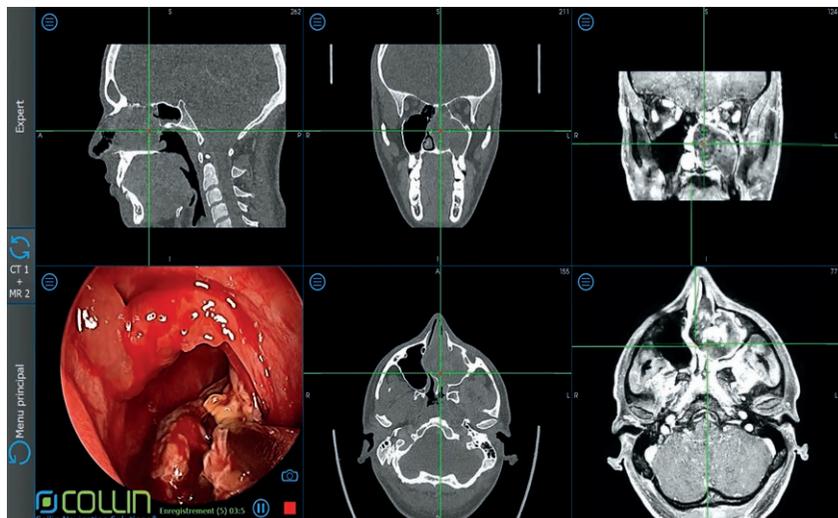
► We have always remained true to the basic concepts of our solutions:

- A design based on the unique needs of ENT surgery
- Listening to your expectations in the operating theatre leading to developments focused on the requirements of your unique speciality.

## A focused ENT Surgical Navigation System for all ENT surgery needs

- ▶ Endonasal surgery
- ▶ Skull base surgery
- ▶ Otoneurosurgery
- ▶ New born and pediatric surgeries

*Companies that a few years ago underestimated the accuracy of electromagnetic Surgical Navigation System, by promoting optical one, have now all adopted this technology. Already pioneers at the time, based on our experience, we continue to be so today with our new ENT navigation system: **Collin Navigation Solutions 4040**.*





# The simplest and fastest solution to set up

## Intuitive loading of patient images

The images (CT, Cone Beam Scans, MRI, Positron Emission Tomography) are presented directly in 3D representation of the series proposed for loading.

In one glance the surgeon validates that the selected series corresponds to his expectations.

The images can be loaded from CD, DVD, USB or Pacs.

Patient name	Sex	Age	Acquisition date	Description	Modality	Images	3D Model	Information	Images	3D Model
COLLIN F	M	000Y	20200226		CT	203				
COLLIN_STM_2	M	000Y	20210407	VOLUME T1 EG NEURONAV	MR	160				
COLLIN_STM	M	000Y	20210407		CT	138				
CRANE DEMO	M	000Y	20061120	Crane 0.75 H30s	CT	356				

The part of the software corresponding to the loading of the images is provided to you free of charge, and can be installed on all your PC. You can therefore check during your consultations, the compatibility of the images already in possession of your patients. This way you don't have to re-radiate all your patients before your surgeries, while being sure to be able to use your Surgical Navigation System.

## All the ENT approaches are possible with Versatile patient referencing ancillaries

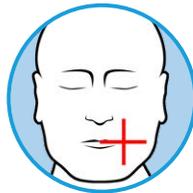


Patient referencing allows a high-level of navigational precision throughout the surgery without immobilizing the patient's head. The patient referencing ancillaries used by Collin Navigation Solutions® 4040 are non-invasive, a-traumatic and can be easily sterilized. They offer the additional advantage of remarkable stability and perfect integration into the operating theatre environment.



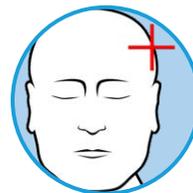
### Frontal References

- ▶ Self-adhesive front Capsule
  - Endonasal surgery
- ▶ Headset
  - Endonasal surgery



### Mouth reference

- Endonasal surgery
- Mixed endonasal surgery
- Transfacial approach
- Bicorona Unterberger approach
- Transzygomatic approach
- Oto-neurosurgery



### Bone reference Quick Fix / Octopus

- Endonasal surgery
- Mixed endonasal surgery
- Transfacial approach
- Bicorona Unterberger approach
- Transzygomatic approach
- Lateral skull-base surgery
- Oto-neurosurgery

## Simple, accurate and fast surface registration

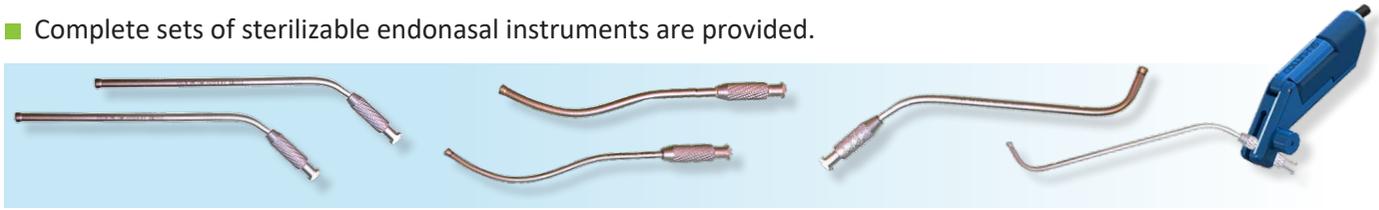
A proven method for perfect precision.



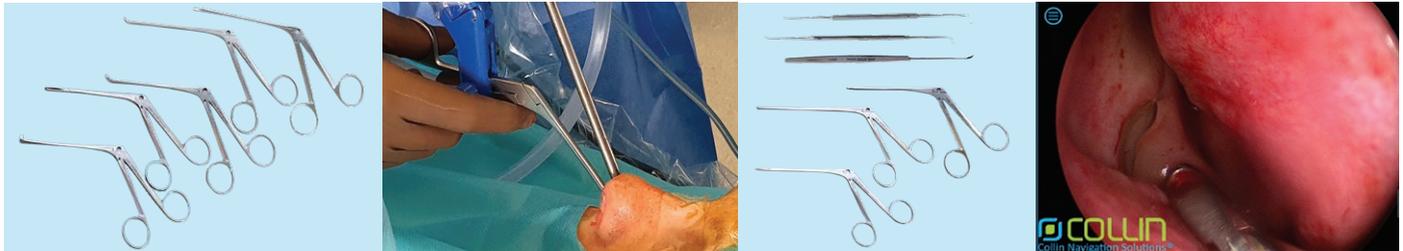
# Navigation

## Complete sets are provided

- Complete sets of sterilizable endonasal instruments are provided.



- All your instruments (sinus, skull base or otology) can be referenced.

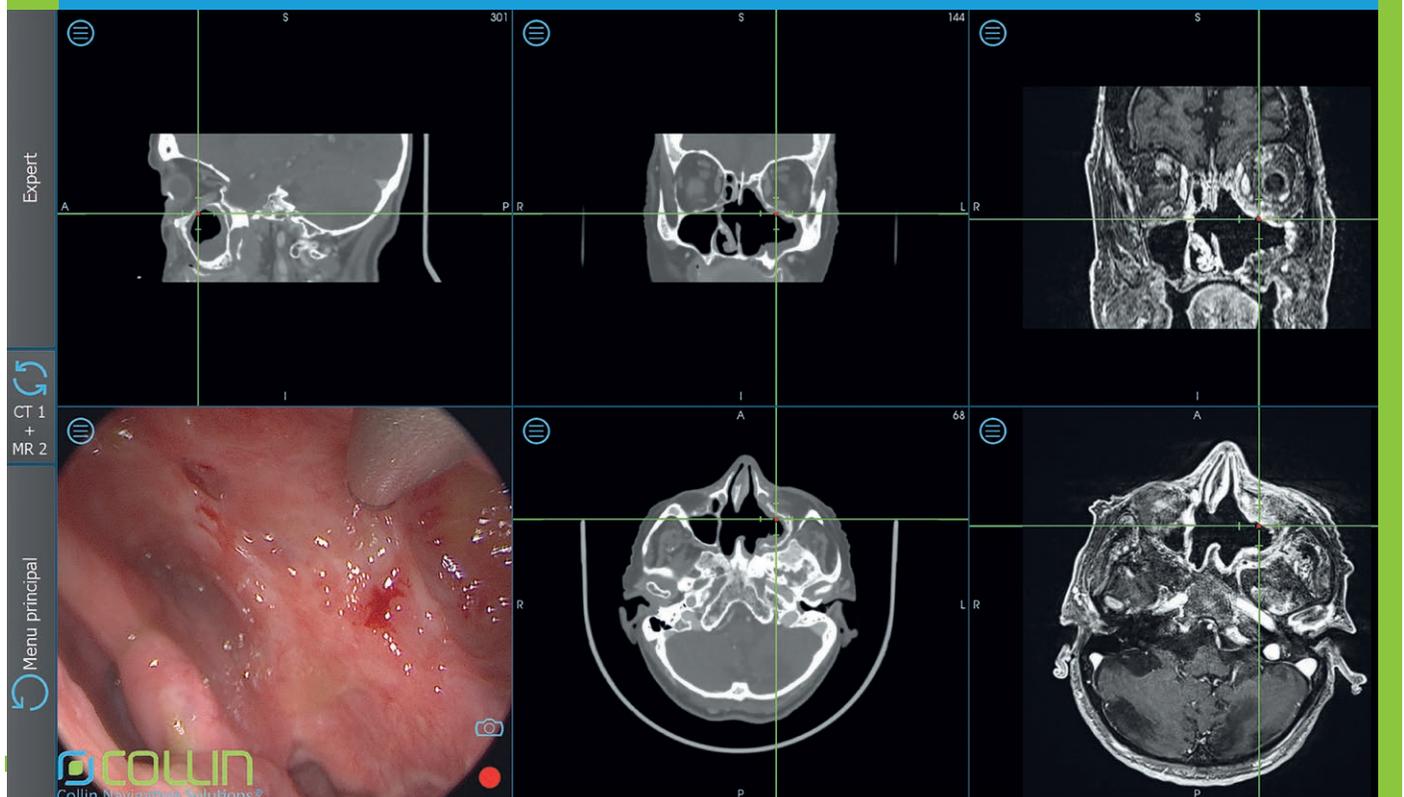


- A complete range of shaver adaptors compatible with most of the existing systems.



## Skull base surgery and tumor surgeries

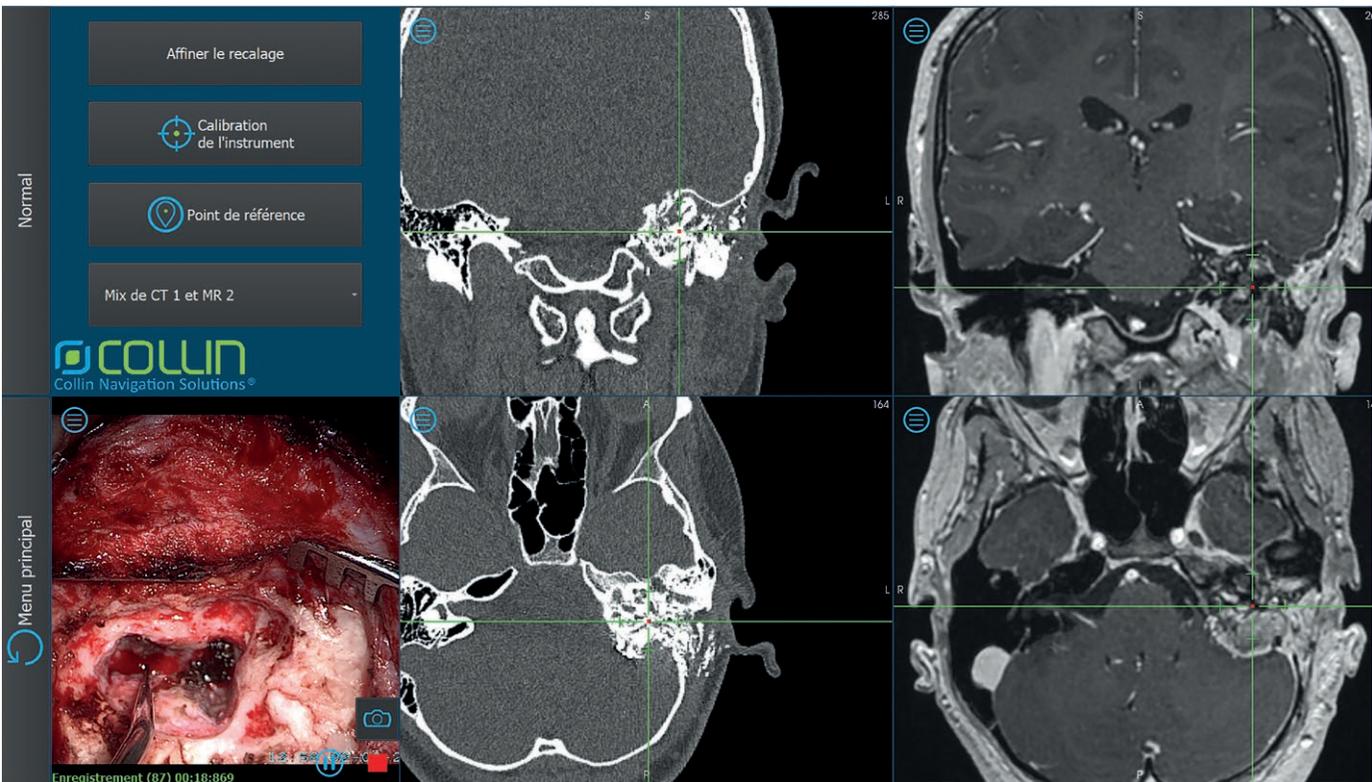
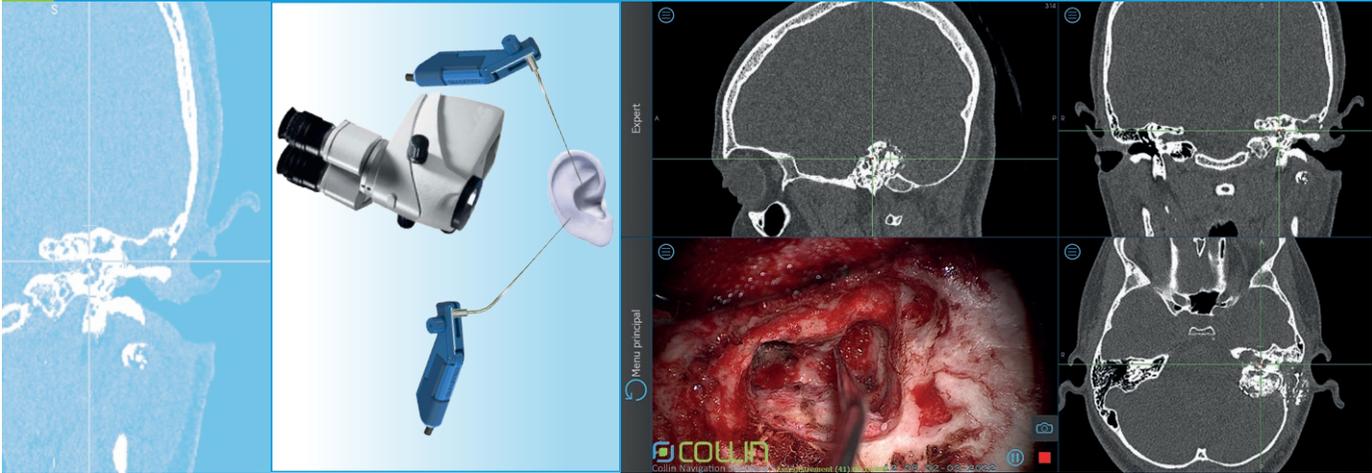
The display of navigation on multimodal and/or 3D real-time imagery series.



4 serial of images can be used at the same time, depending on your surgery needs.



# Otology / Oto-neurosurgery



The Collin Navigation Solutions® system requires no consumables during surgery. Its systematic use is suitable in all surgical procedures and will be light to your budget.



With the Collin Navigation Solutions® system, the surgeon gets real-time visual positioning information in addition to the endoscopic view. The Collin Navigation Solutions® 4040, manufactured by Collin, is a class IIa medical device intended for surgical navigation in the field of ENT and otoneurosurgery. It has been CE marked by the GMED (CE 0459). Only persons who have read the instructions and attended training sessions given by Collin or its local distributor are authorized to operate this equipment.

Pour informations et renseignements, nous contacter au : 01 49 08 08 88 ou par e-mail : [info@collinmedical.fr](mailto:info@collinmedical.fr)



**COLLIN**  
[www.collinmedical.fr](http://www.collinmedical.fr)

3, rue de Robinson - CS 20016 - 92227 Bagneux Cedex  
Tél. : +33 1 49 08 08 88 - Fax : +33 1 49 08 08 89  
[info@collinmedical.fr](mailto:info@collinmedical.fr)