

# NavIENT

Simple, Accurate  
and Affordable  
ENT Navigation System



# Smart Solution for Enhanced Productivity

## Quick and easy set up

NaviENT is designed for convenient routine use. There are no cables to connect, no spherical markers to mount, no head straps to wrap, no field generator to place, and no consumables to order.

## Fast Registration

NaviENT uses an innovative registration technology which is accurate, reliable, and fast. The process takes less than a minute to complete.

## Optical System

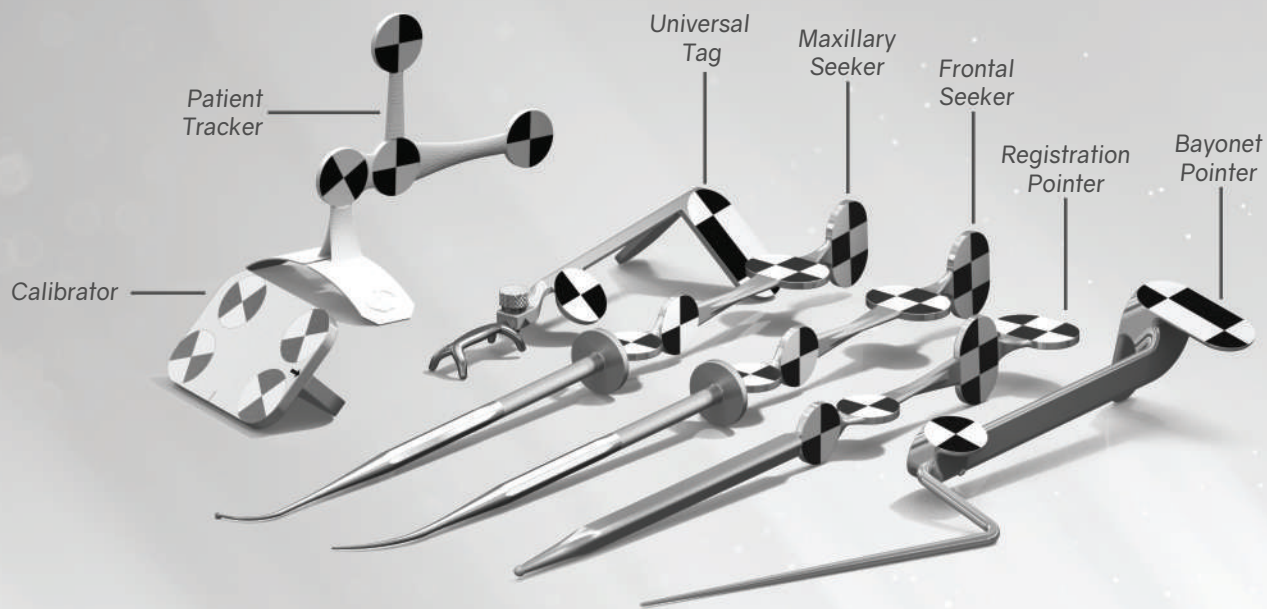
Optical tracking systems are superior and preferred over EM systems for the following reasons:

- Greater accuracy
- Better reliability
- No interference from metals in the OR/OT
- No wire connection to the instruments
- Simpler and more user friendly



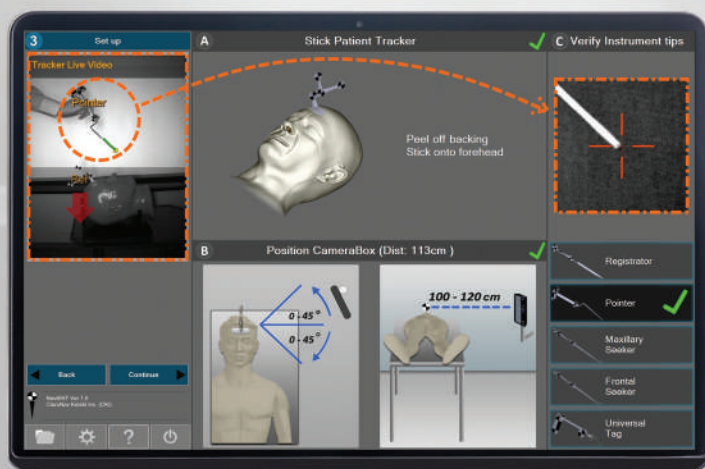
- For inpatient and outpatient interventions
- Seamless integration with office practices
- Increase your efficiency and reduce stress
- Operate safer and lower harm to patient
- Affordable and no consumables
- Powerful and intuitive software features

# Reusable Instruments



## Ergonomic Instruments

- Pre-calibrated navigation instruments equipped with permanent markers
- Universal Tag adaptor clamps easily to any suction tube, debrider or balloon dilation system
- Calibrator instrument calibrates the tips of instruments in a few seconds
- Verify instrument tip accuracy in the zoom window
- Steam sterilizable navigation instruments
- Reusable peel & stick patient tracker
- No consumables



Zoom window displays accuracy of calibrated tip





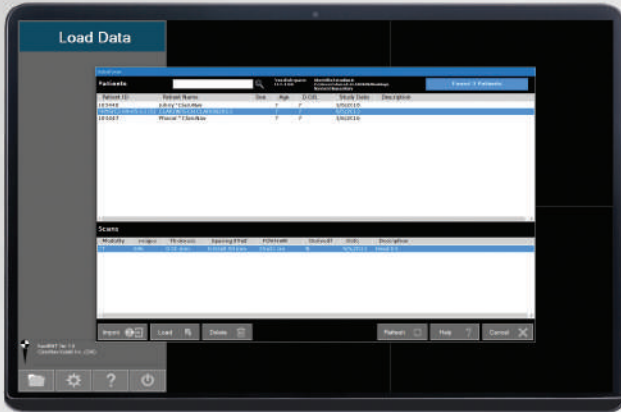
# Simple, Elegant and Precise



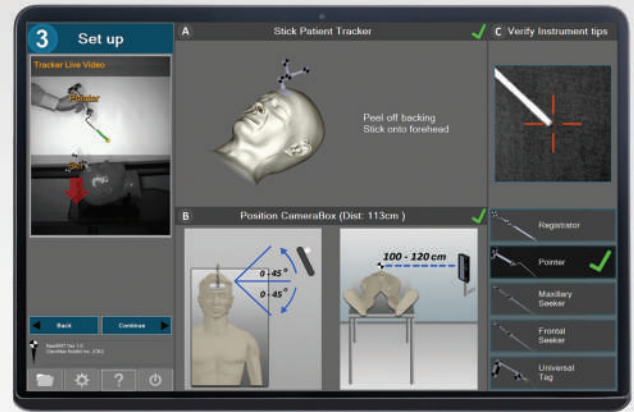
# Sleek, Compact and Portable



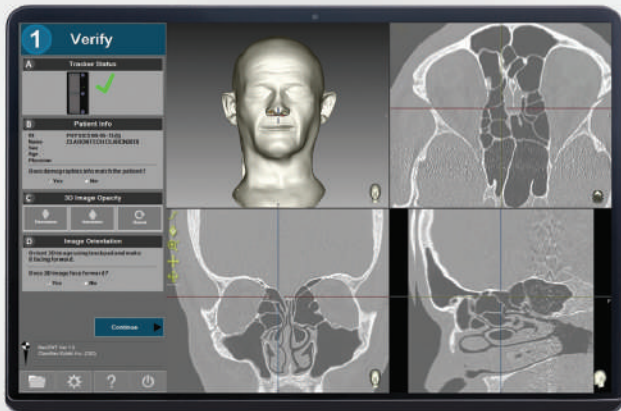
# Streamlined User Interface



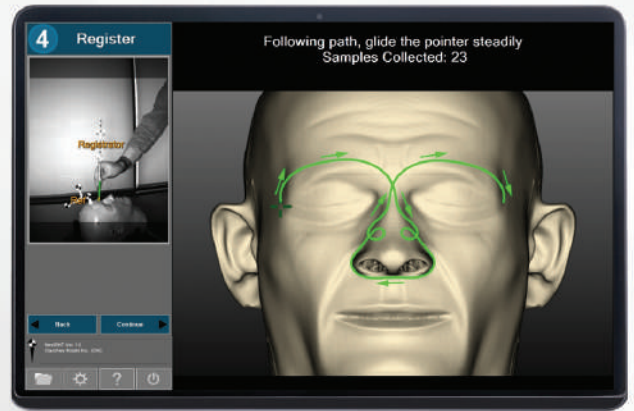
Load or import the patient scan



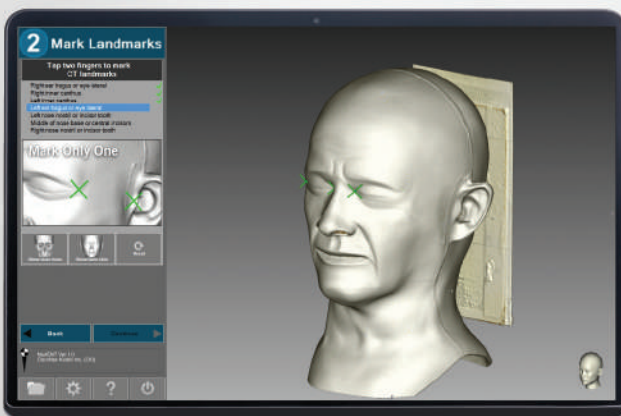
Intuitively position the Tracking camera, calibrate any new instrument, and verify their tip accuracy



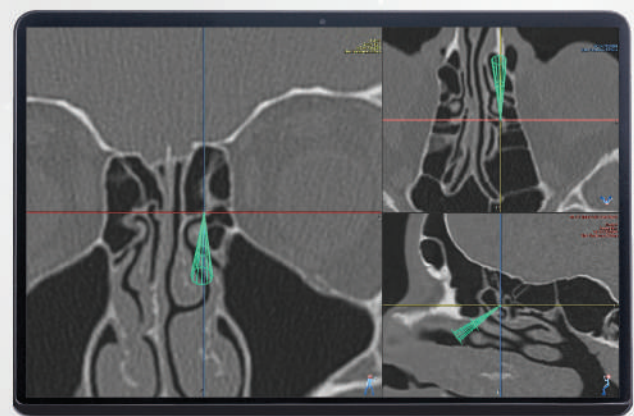
Verify the patient info and explore the patient scan



Innovative trace based registration is accurate, reliable and fast



Mark a few CT landmarks on the 3D patient scan



Real-time navigation with a smart zoom feature to magnify navigation anatomy as you approach it

# General Specifications

## NaviENT Computer

- 15.4 inch LED-backlit display
- Intel core i7 quad core processor
- 16GB DDR3L RAM
- 256GB Solid State Drive
- Additional monitor support

## NaviENT Software

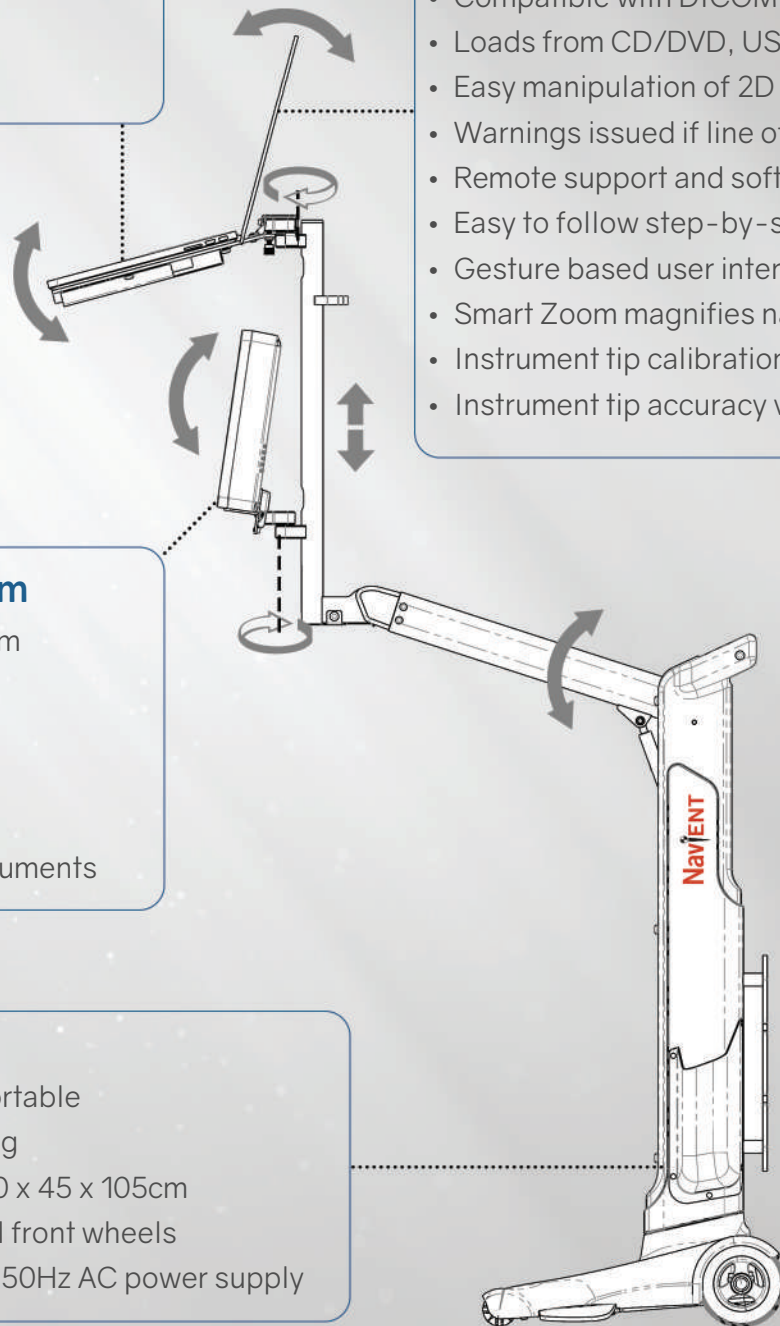
- Fast and accurate registration
- Video documentation of surgical operation
- Compatible with DICOM images
- Loads from CD/DVD, USB, network drive
- Easy manipulation of 2D and 3D images
- Warnings issued if line of sight interrupted
- Remote support and software update
- Easy to follow step-by-step workflow
- Gesture based user interface control
- Smart Zoom magnifies navigation area
- Instrument tip calibration
- Instrument tip accuracy verification

## NaviENT Tracking System

- Infrared optical tracking system
- Live video stream
- 16 frames per second
- 0.2mm calibration accuracy
- Permanent markers
- Reusable and sterilizable instruments

## NaviENT Cart

- Foldable and Portable
- Lightweight 25kg
- Compact size 40 x 45 x 105cm
- Omni directional front wheels
- 100 – 240V, 1A, 50Hz AC power supply





# NaviENT Support Program

## Training Program

On-site training is included in your purchase of NaviENT navigation system. You will be trained until you feel comfortable with operating NaviENT system.

## On-line Support

NaviENT comes with a remote online assistance program. Our technical support staff can log into your NaviENT system to perform diagnostic and troubleshooting operations.

## Software Update

Your NaviENT software will be automatically updated via our online support program.

## Warranty & Extended Warranty

2 years warranty is included in your purchase of NaviENT system. Extended warranty is available for the system lifetime.

## Hardware Repair

Our technical support will help you with both on-site and off-site repair.

## Preventive Maintenance

Regular on-site and off-site maintenance operations are performed to monitor the performance of your NaviENT system.

## About ClaroNav Kolahi Inc. (CKI)

CKI is a subsidiary of ClaroNav, a medical device hardware and software company headquartered in Toronto, Canada, and is represented worldwide by authorized distributors.

ClaroNav and CKI are deeply committed to product quality and safety, and certified as compliant with ISO 13485, ISO 14971 and CMDCAS. CKI is dedicated to innovation and developing state-of-the-art cranial surgical navigation systems to enable surgeons to confidently make more informed decisions for better patient outcomes. For more information, visit [www.claronav.com](http://www.claronav.com).



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NaviENT is FDA cleared, CE marked,  
and Health Canada approved

Designed and manufactured in Canada 