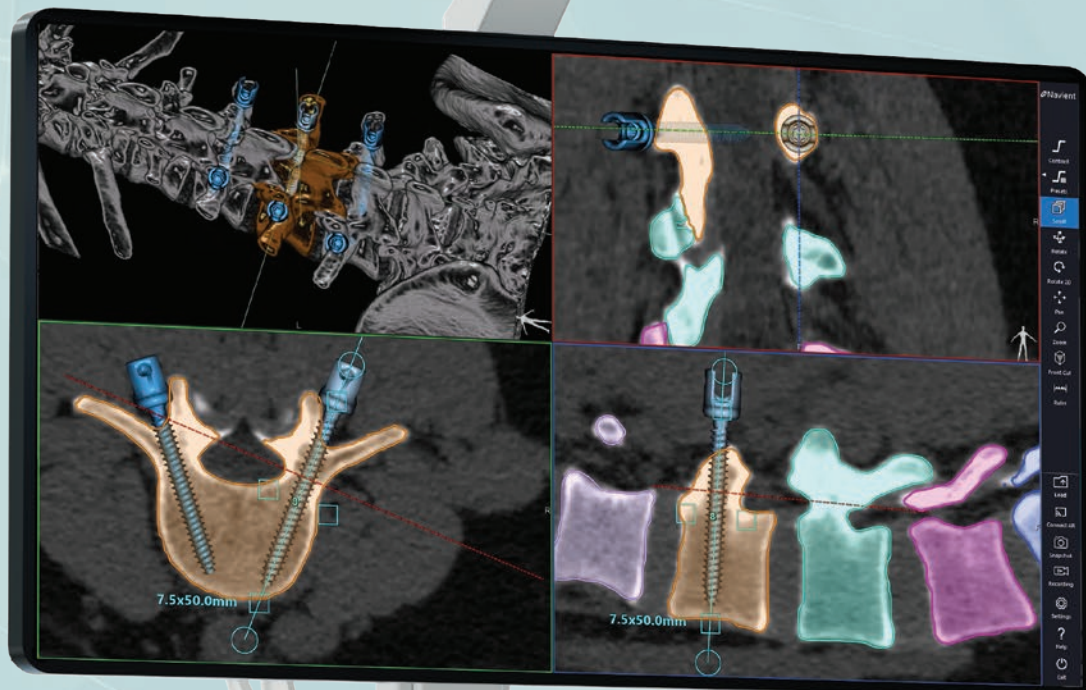




Leader in Surgical Navigation



Navient

Smart Solution for Enhanced Productivity

Simple, Accurate and Affordable

Navient is an AI-enabled surgical navigation system designed to simplify workflows, provide best-in-class accuracy powered by advanced algorithms, and enhance surgeon productivity.

Key Features

- Supports spine, cranial, ENT and biopsy procedures
- Sleek, compact and portable cart
- AI-driven workflows for greater productivity
- Large touch screen for natural interaction
- Powerful and intuitive software features
- Pre-calibrated navigation probes
- Fast registration and precise navigation

Fast and Accurate Registration

Navient is equipped with several innovative registration technologies such as:

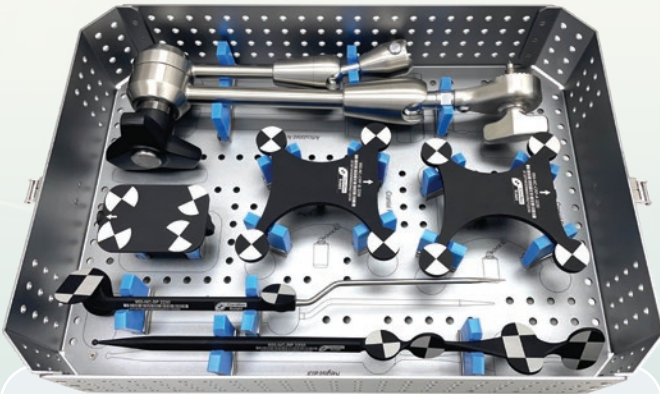
- Fiducial-based registration with intra-op CT or C-arm
- Auto-registration with pre-calibrated 3D C-arm
- Auto-registration with pre-calibrated 2D C-arm
- Auto-registration using 3D point-cloud face scanner
- Trace-based surface registration

Ergonomic Instruments

- Pre-calibrated navigation probes equipped with permanent markers
- Universal trackers easily clamps to any surgical instruments such as biopsy needle, drill or suction
- Steam sterilizable navigation instruments
- No consumables

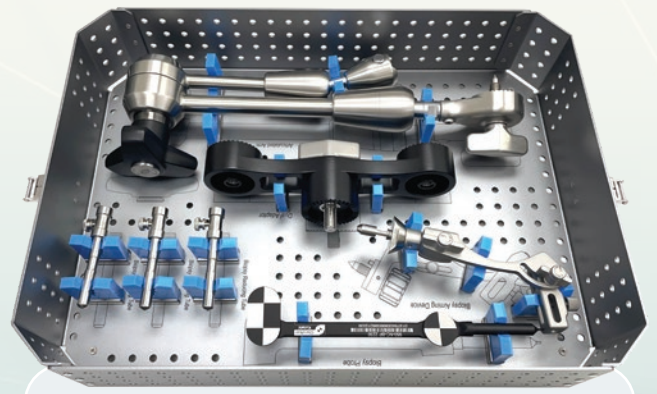


Reusable Instruments



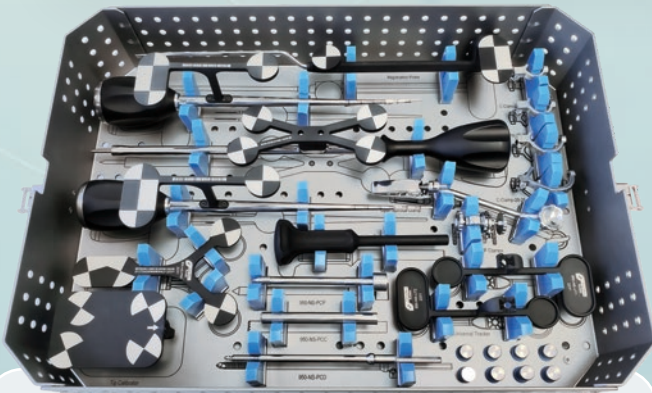
Cranial Instruments

- Articulated arm
- Two Cranial Reference Frames
- Straight probe
- Registration probe
- Microscope probe
- Tip Calibrator
- Sterilization tray



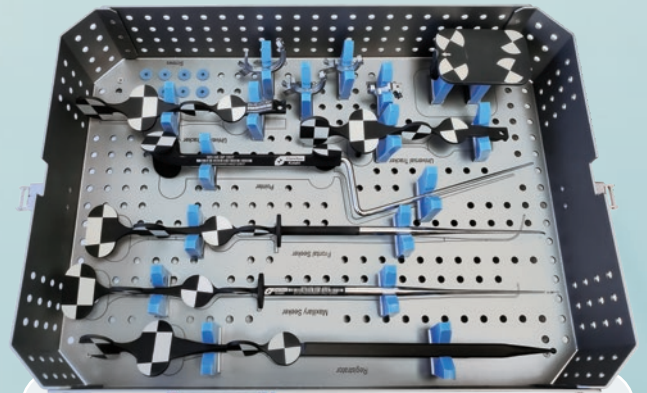
Biopsy Instruments

- Articulated arm
- Dual adaptor
- Biopsy aiming device
- Biopsy probe
- Reducing tube 2.2mm
- Sterilization tray



Spine Instruments

- Open Spinous clamp
- Percutaneous surgery unit
- Clamp tool handle
- Universal Trackers
- Patient Reference Frame
- Pedicle probes (straight and curved)
- Navigated Awl
- Registration Probe
- Tip Calibrator
- C-clamps
- Sterilization tray



ENT Instruments

- Bayonet probe
- Registration probe
- Maxillary seeker
- Frontal seeker
- Universal tracker
- Patient tracker
- Tip calibrator
- C-Clamps
- Sterilization tray



Sleek, Compact and Portable



Fast and Accurate Automatic Registration



Navient Air is an innovative technology for fast and accurate patient registration. It utilizes a high-precision 3D scanner and digitizes the patient's face, enabling touchless and user-independent registration.

Specs

- Working Distance: 25–75 cm
- Dimensions: 22 × 5 × 5 cm
- Weight: 500 g
- Registration accuracy: ~1 mm



C-arm Integrations



3D C-arm Integrations

Pre-calibrate any intra-op CT and 3D C-arm, such as Ziehm RFD 3D, Siemens Cios Spin, GE OEC, Neurologica BodyTom or O-arms. Perform automatic registration and instantly navigate open and percutaneous surgeries.



2D C-arm Integrations

Pre-calibrate any 2D C-arm, such as Philips, Ziehm, GE, Shimadzu, and Siemens, and perform automatic registration. Reduce radiation by navigating open and percutaneous surgeries on the 2D fluoro images.

General Specifications



Tracking System

- Infrared optical tracking system
- 0.2mm calibration accuracy
- Live video stream
- Permanent markers
- Reusable and sterilizable instruments
- Foldable tracker arm with variable height

All-in-One Computer

- 27" WQHD ultra-bright touchscreen monitor
- Ultra-thin Bezel, glass front, and stainless steel back
- Lightweight, thin, and easily detachable
- AMD Ryzen 9 octa-core processor
- 32GB 5600MHz DDR5 RAM
- 1TB NVMe PCIe 4.0 SSD Drive

Software

- For cranial, spine, and ENT procedures
- Load DICOM images from DVD, USB, or PACS
- Image fusion
- Automatic segmentation and 3D modeling
- Tractography
- AI spine auto-segmentation
- Navient AIR: touchless, fast, and accurate registration
- Virtual craniotomy
- Biopsy trajectory planning and navigation
- Pre-op and intra-op pedicle screw planning
- Landmark and trace registration
- Automatic registration using intra-op CT or C-arm
- Anatomical, trajectory, and probe-eye views
- Navigate and display endoscopic spine surgery

Cart

- Light weight: 30kg
- Small footprint: 40 (W) x 50 (D) x 135 (H) cm (when extended: 190 (H) cm)
- Omni directional wheels with brakes
- 100V - 240V, 50-60Hz, 2.2A

Support Program

Installation & Training Program

On-site installation and training are included with your Navient system.
Our team will train your staff until they are fully comfortable operating the system.

Warranty

Each Navient system includes a 2-year warranty. Extended coverage is available for the life of the system.

Online Support

Remote assistance is included. Our technical team can securely connect to your Navient system to perform diagnostics and troubleshooting.

Software Update

Navient software updates are delivered automatically via our online support program.

Hardware Repair

We provide both on-site service and off-site repair options.

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 medical device hardware and software company headquartered in Toronto, Canada, and is represented worldwide by authorized distributors.

CKI is deeply committed to product quality and safety, and its Quality Management System is certified as compliant with ISO 13485 MDSAP. 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.



Leader in Surgical Navigation



ClaroNav Kolahi Inc. (CKI)
1140 Sheppard Avenue West, Unit 10
Toronto, Ontario, Canada, M3K 2A2
Tel: +1 (647) 951-1525
Email: info@claronav.com
Web: www.claronav.com



Emergo Europe
Westervoortsedijk 60
6827 AT Arnhem
The Netherlands

Designed and manufactured in Canada



Not all configurations and accessories are approved for marketing in all jurisdictions.
Please contact ClaroNav Kolahi Inc. for region-specific details.
This device is intended to be used by medical practitioners.

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Effective Date: Oct 01, 2025