

A photograph of a surgical team in an operating room, wearing blue scrubs and masks. They are gathered around a patient, with a large medical monitor displaying a 3D spinal navigation system. The scene is brightly lit, and the overall color palette is dominated by blues and greens. A large green graphic element, resembling a stylized 'P' or a similar shape, is overlaid on the left side of the image.

SPINAL NAVIGATION

SIMPLE AND INTUITIVE

REVOLUTIONARY NAVIGATION TECHNOLOGY – FOR EVERYDAY AND COMPLEX PROCEDURES IN SPINAL SURGERY

We at Fiagon believe „patient care“ should be centered around the patient. For us, patient-centered-care means less traumatic procedures for faster recovery time. It means more efficient interventions for reduced surgical time. It means understanding that the difference between a life fulfilled and a life lost can be less than 1 millimeter. Patient-centered-care is why we drive innovation forward.

In our patient-focused approach Fiagon has risen the bar of IGS navigation. We offer support for minimally invasive spine surgery. We have developed a compact and dynamic platform that optimizes integration and surgical efficiency. To maximize precision, we engineered microsensors into the tip of our instruments.

We have meticulously engineered each innovation to support you in your mission to enhance patient-centered-care.

ALL BENEFITS AT A GLANCE:

- » 100% EM technology – no “line-of-sight” problem
- » Sensor at the tip of the instrument
- » Fully automatic patient registration with the aid of your C-arm
- » Fast and flexible setup of the navigation system
- » Intuitive and easy-to-use user interface
- » Unique error detection and compensation in the magnetic field
- » Cost-effective treatments with a reduced rate of subsequent surgeries



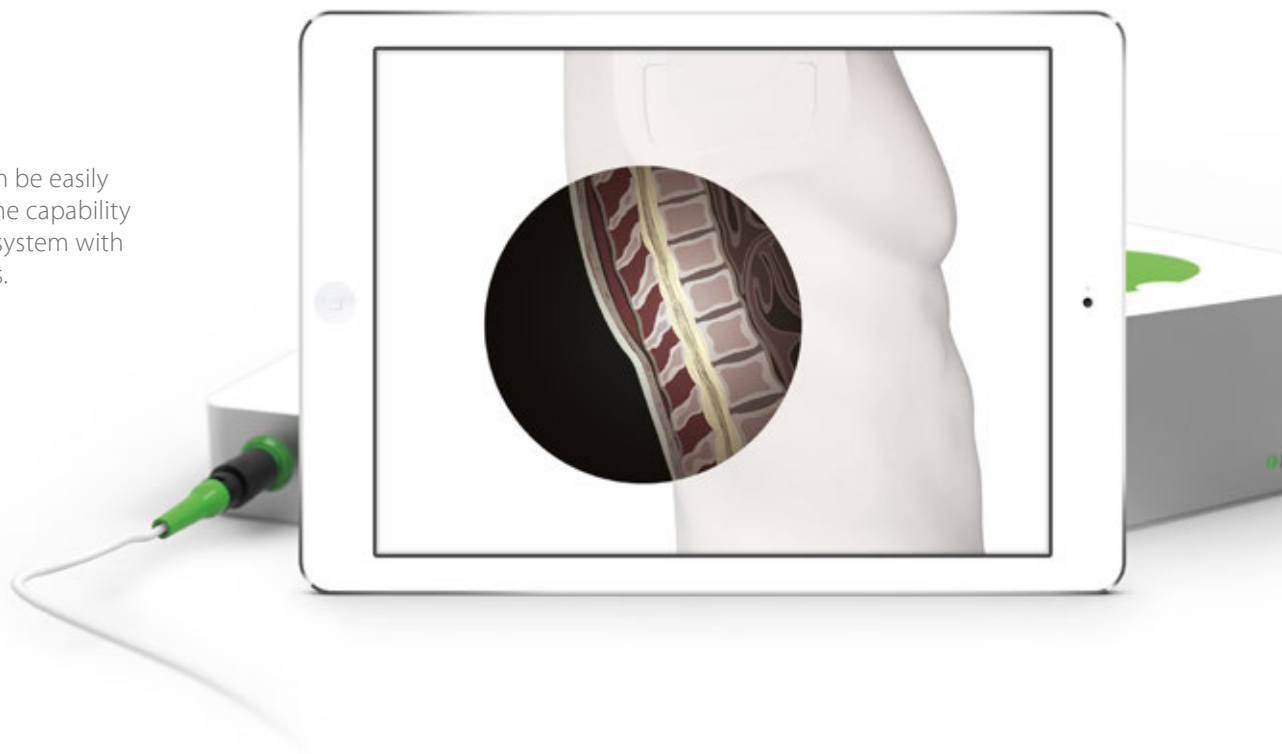
FIAGON SPINAL NAVIGATION

Fiagon navigation for spinal surgery supports you in all significant procedures. The adaptive platform can be individually configured with software and hardware.

ZERO FOOTPRINT – INTEGRATION

To reduce our footprint Fiagon developed a system that can be easily integrated into any existing O.R. infrastructure. Along with the capability to integrate your PACs system we combine our navigation system with your video and imaging systems for time and space savings.

- » Workflow maximized
- » Fully integratable
- » Compact navigation system





***AUTOMATIC
REGISTRATION
WITH YOUR
C-ARM***



INDICATIONS

Spondylolisthesis

Disk degeneration

Slipped disk

Herniated disk

Bone fracture of the spine

Scoliosis – Curvature of the spine

Spinal curvature

NAVIGATION OPTIONS WITH FIAGON

Fully automatic patient registration

- » With intraoperative imaging – 2D and 3D

Transpedicular placement of pedicle screws

- » Intraoperative planning of pedicle screws
- » Navigated control upon opening the pedicle

Percutaneous placement of pedicle screws

- » Support of minimally invasive procedures through automatic, contact-free patient registration
- » Small patient reference to support minimally invasive surgery (MIS)

Open thoracolumbar placement of pedicle screws

- » Automatic, contact-free patient registration for your optimal workflow
- » Ergonomic design of the navigated instruments for minimal space needed at the surgical site

APPLICATIONS & EXPANSION OPTIONS

Intraoperative planning of pedicle screws

- » Ideal implant dimensions for individual patient anatomy
- » Determination of the trajectory through the pedicle

NAVIGATION ON THE SPOT

WITH THE NAVIGATED INSTRUMENTS FROM FIAGON

Fiagon instruments have unique proprietary technology allowing navigation to occur directly at the tip. This ensures the highest degree of precision during routine O.R. procedures changing the standard of patient care.

The SpinePointer features a ball tip, allowing the navigated probe to be safely inserted into the cancellous pedicle access. The ergonomic design is ideal for identifying the pathway for pedicle screw placement.

- » Navigated at the tip
- » Ø 2 mm

The AwlPointer allows you to drill the pedicle while the tip of the instrument is navigated. In addition, this instrument has depth markings along the drill bit.

- » Navigated at the tip
- » 2 sizes, 3 and 4 mm

The Localizer K-Wire is optimized to support percutaneous spine surgery. The Localizer is fixated to the K-Wire above the skin.

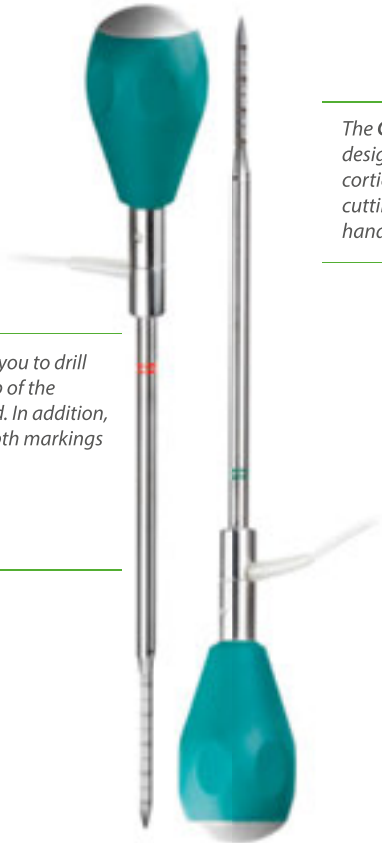
The CenterPointer was specially designed for perforating the cortical bone featuring a sharp cutting tip and an ergonomic handle.

The Spine Localizer is optimized to support minimally invasive surgery (MIS). Featuring a tension clamp, it quickly and easily clamps to the spinous process, minimizing footprint at the surgical site.

- » Space-saving and ergonomic design
- » For more space at the surgical site



The PointerShell Yamshidi is a navigation adapter designed to support navigation of Jamshidi needles.



More information by
scanning the QR code or
under www.fiagon.com



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