TOR JIG® S

DIGITAL ANATOMICS

Personalized surgical guides system for pedicle screws placement
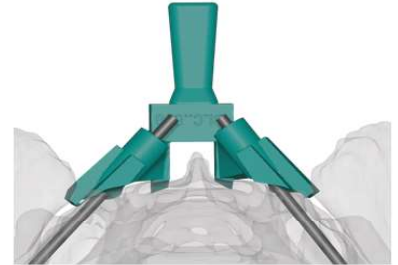
TOR JIG® S

DIGITAL ANATOMICS

Personalized surgical guides system using Artificial Intelligence
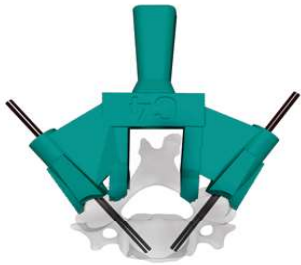
TOR JIG® SC
Cervical

TOR JIG® S
Thoracic/Lumbar/Sacral

TOR JIG® SI
Iliac

Pathologies:

Cervical, back and lumbar spine pathology (canal stenosis, multilevel spondyloarthrosis, spondylolisthesis, scoliosis, dorsal hyperkyphosis, etc..) which requires a vertebral arthrodesis.

Uses:

Transpedicular arthrodesis. Minimally invasive procedure.

Information about the device:

Custom Made Medical Device: surgical invasive product, class IIa transient use. Rule 6, Annex VIII, MDR 2017/745.

Material:

Biocompatible class IIa, sterilizable.

✓ **Shortenning of operating times**

✓ **High precission and safety**

✓ **Reduction in X-Ray exposure**

✓ **48h delivery**

Faster recovery
Minimization of risks
Investment 0 versus navigators and surgical robots

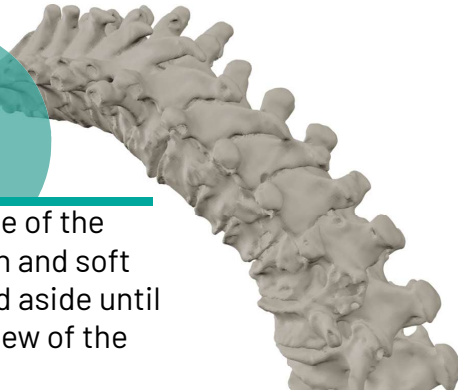**Easy and precise prescription thanks to our software
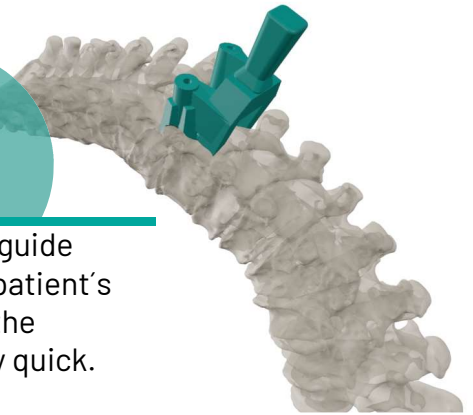TOR JIG® PLANNING**

Surgical technique

1. Positioning

01

An incision is made of the pre-defined length and soft tissues are pushed aside until you have a clear view of the vertebrae.
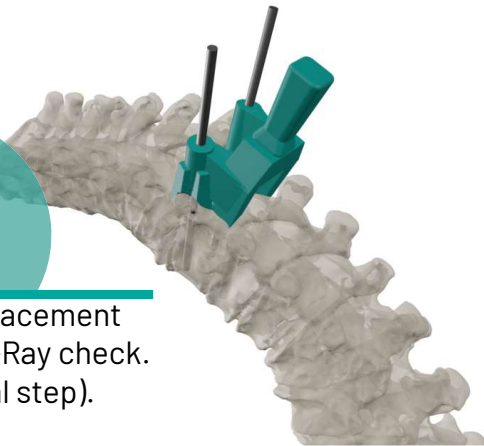
02

The personalized guide perfectly fits the patient´s anatomy, so that the positioning is very quick.

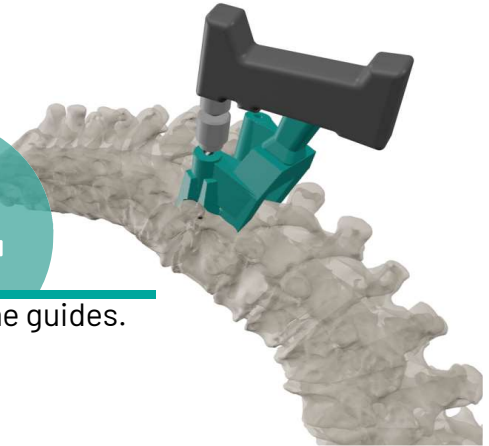### 2. Drilling and insertion of the pedicle screws

03

Kirschner wires placement and orientation X-Ray check. (This is an optional step).
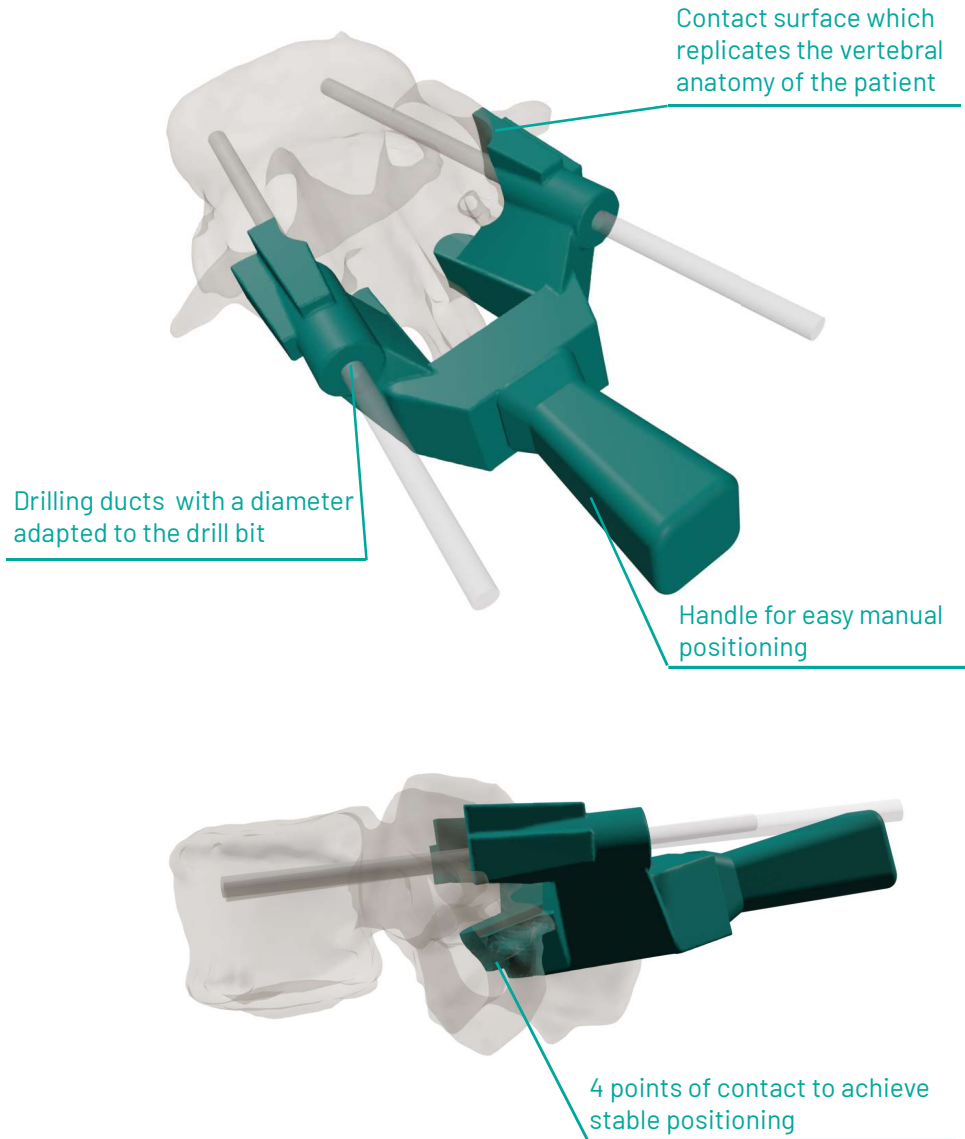
04

Drilling through the guides.

05

Pedicle screws placement.

Technical Features

Request process

Contact surface which replicates the vertebral anatomy of the patient

Drilling ducts with a diameter adapted to the drill bit

Handle for easy manual positioning

4 points of contact to achieve stable positioning

TOR JIG® S | MD | Custom Made Medical Device

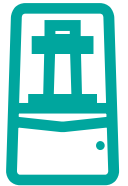Operating Licence as MD Manufacturer nº: M/919

ISO 13485 SGS — ISO 14001 SGS

Agile process and fast delivery

Sending of the virtual prescription with a CT thanks to **TOR JIG® PLANNING** software
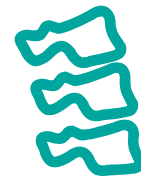
3D biomodel and **TOR JIG® S** surgical guides computer aided design

Manufacturing by 3D printing

Physical product reception

Surgery

Surgeon
Digital Anatomics