

EVO

CLOVER

CONCEPT & DESIGN



Evo is an innovative interlaminar fusion device made entirely with 3D printing technology, consisting of a trabecular titanium macrostructure that promotes rapid bone growth.

The central body in trabecular titanium - perforated in both craniocaudal and lateral directions - allows the surgeon to insert more bone graft, which increases the reachable arthrodesis area.

The implant placement system is intuitive and straightforward, as is the new tool for tightening the pins on the pins. This allows Evo to reduce the range of motion, bringing it closer to that achieved with the screw-bar system.



The ISD system consists of a trabecular interspinous device and two knurled locking pins. ISD is an interspinous lumbar stabilisation device used to promote fusion of the spine (L1-S1) when used in combination with bone/bone substitutes.

ISD is designed to anchor to the spinous processes (L1-S1) with the aim of stabilising and promoting fusion of the posterior column of the UFR (functional spinal unit), when used in combination with bone/bone substitutes, in the conditions of spondylar disc arthrosis of the lumbar spine, degenerative facet joint disease, spinal canal stenosis.

Any surgical decisions other than those recommended by the manufacturer are at the discretion and responsibility of the surgeon. For further information, see the instructions for use of the device in question.

STRUMENTARIO

Clover has invested heavily in instrument design and care with the aim of creating an ergonomic, functional and compact instrumentarium.

Designed for the surgeon and his team.



SCRAPER

ISD-B0SS000005



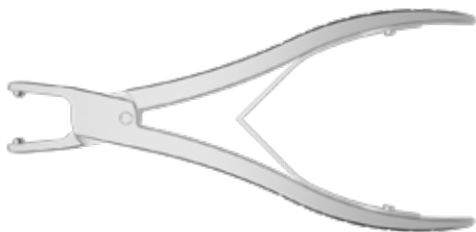
ANGLED SPREADER

ISD-A1SS000005



SPACER COMPRESSOR

ISD-E1SS000005



TRIAL H8 - H16

ISD-D0SS0000085 / 165



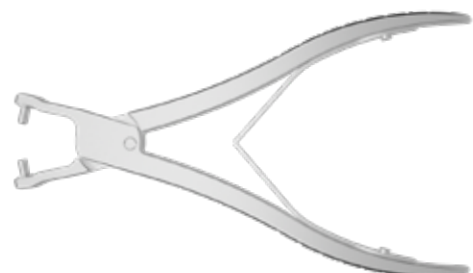
HOLDER

ISD-C0SS000005



SPINAL PROCESSES
DRILLING TOOL

ISD-F0SS000005



STRUMENTARIO

SPINOUS PROCESSES TRIAL

ISD-G05S000005



LOCKING PIN HOLDER

ISD-C15S000005



PIN TRIAL - MALE

ISD-D15S000005



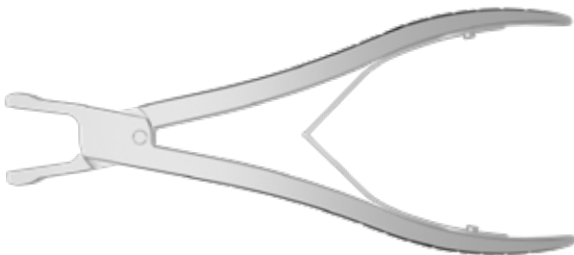
PIN TRIAL FEMALE

ISD-D15S000015



PIN COMPRESSOR

ISD-E25S000005



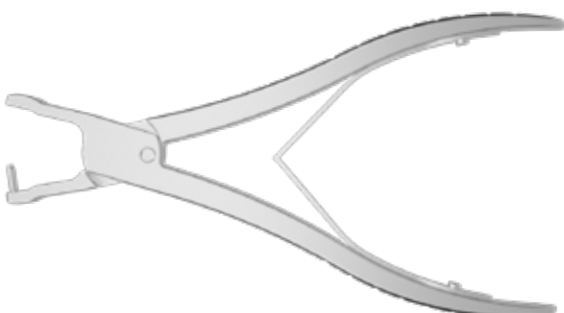
BONE REMOVER

ISD-I05S000005



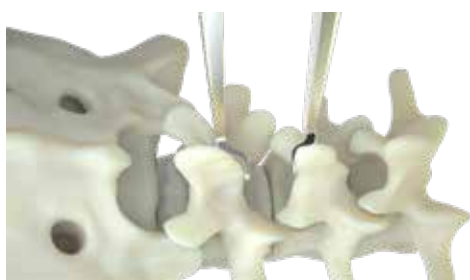
PIN REMOVER

ISD-I15S000005



SURGICAL TECHNIQUE

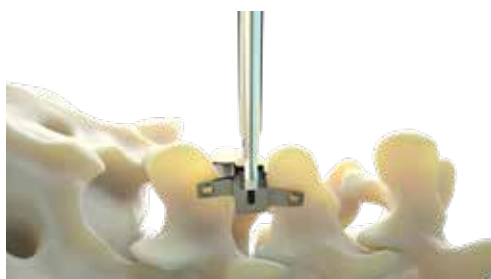
1 —



2 —



3 —



Preparation

Remove the interspinous ligament and perform any necessary bone and tissue removal with the rasp.

Prepare the spinous process enough to create a surface that promotes vascularisation between the spinous process and the implant without weakening the cortical bone.

The **angled retractor** may be used to assist the surgeon in directly decompressing the interlaminar space.

Device size selection

The correct implant size is selected using **test implants**, which can be inserted in the interlaminar space.

System Preparation and Insertion

Connect the implant to the **implant holder** by turning the knob at the end of the holder.

Then use the **compressor** to compress the wings in the spinous process. The deeper the implant is inserted into the interspinous space, the more effective interlaminar decompression is achieved.

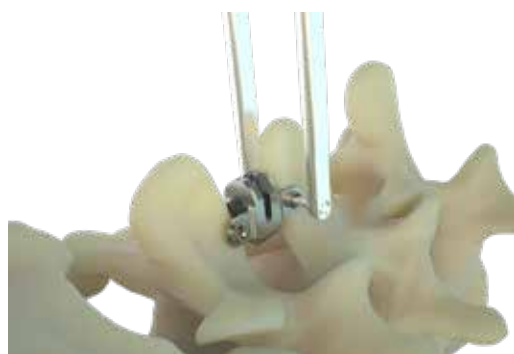
SURGICAL TECHNIQUE

4 —



Preparation and insertion of locking pins

Create the holes in the spines following the two cavities with the **spinal process drilling tool**, then check them with the **spinal process trial**.



Use **pin trial** (male and female) to determine the appropriate size of locking pins

5 —

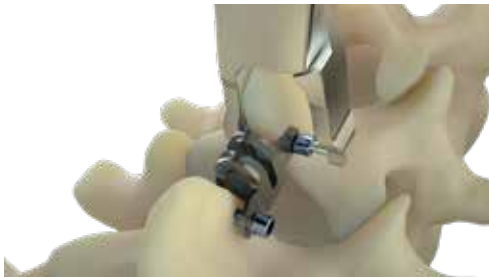


Insert the locking pins **using the standard or parallel locking pin holder**, then use the compressor for the final locking of the system.



SURGICAL TECHNIQUE

6 —



In the case of revision, use the **pin removal system** to remove the male part from the female part.



7 —



The system is correctly positioned



misano 

monza 

evo 

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