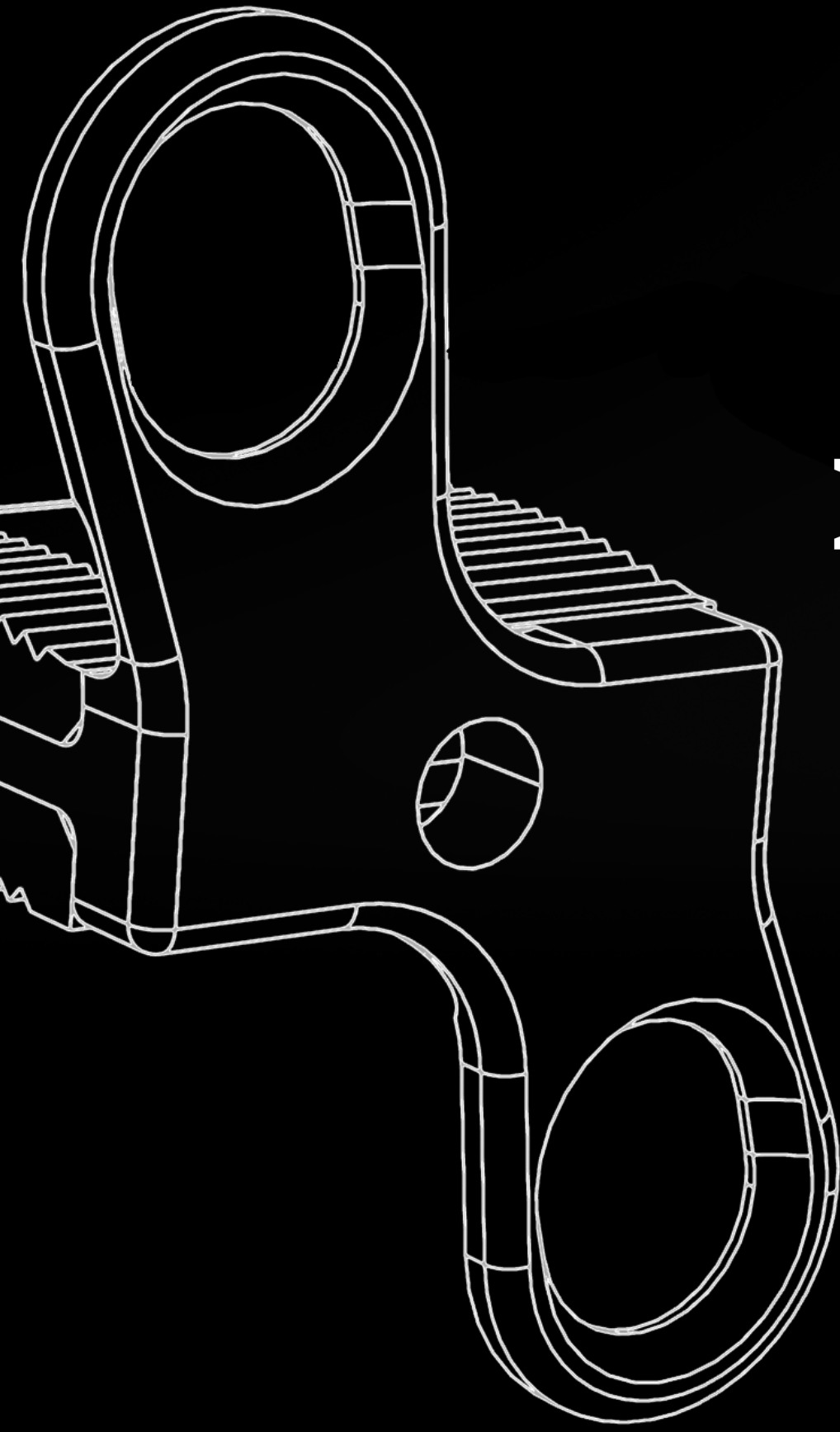




 CLOVER NEX.T[®]

MONZA

Cervical Peek



Excellent primary stability

Titanium-coated cage to enhance osteointegration

Possibility to insert bone graft inside the cage

Low-profile and deformable plate

Self-tapping and polyaxial screws

Peek cervical cage with Titanium plate

Monza Cervical Peek is an integrated plate–cage system designed for anterior cervical spine arthrodesis.

The Peek cage features a lordotic profile and is coated with Plasma Spray Titanium Coating, which increases the primary stability of the system and its osteointegration capacity. The cage also includes a central cavity for the placement of bone graft.

The low-profile titanium plate is specifically integrated with the cage and is deformable, allowing it to adapt to the patient's anatomy.





Instrumentation

Clover Next has invested significantly in the design and refinement of its instruments with the goal of creating ergonomic, functional, and compact instrumentation.



#LESSISMORE

Instrumentation

HOLDER

MCP-A0SS00000S



TRIAL WITH FINS H4.5 MM

MCP-B0SS00045S



TRIAL WITH FINS H5.5 MM

MCP-B0SS00055S



TRIAL WITH FINS H6.5 MM

MCP-B0SS00065S



TRIAL WITHOUT FINS H4.5 MM

MCP-B1SS00045S



TRIAL WITHOUT FINS H5.5 MM

MCP-B1SS00055S



TRIAL WITHOUT FINS H6.5 MM

MCP-B1SS00065S



AWL Ø2MM

MCP-C0SS00000S



Instrumentation

SCREWDRIVER

MCP-D0SS00000S



GUIDE

MCP-E0SS00000S



TAP Ø3,3MM

MCP-F0SS00000S



IMPACTOR FOR BONE GRAFT

MCP-H0SS00000S



PLATE BENDER

MCP-I0SS00000S



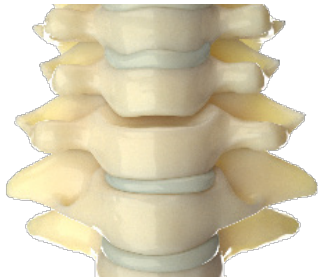
PLATE CAGE BASE

MCP-L0SS00000S



SURGICAL TECHNIQUE

1 —



Disc space preparation

The procedure requires general anesthesia, with the patient placed in the supine position due to the anterior approach. After the incision and exposure of the vertebral plane, position the self-retaining retractor and the distractor with pins to obtain adequate access to the disc space.

Using microsurgical technique, perform the discectomy and osteophyctomy, then remove the disc and undertake any necessary bone and soft-tissue removal using the dedicated

2 —



Cage selection

The ideal implant size can be selected using the trial set. The trial (MNC-CXSS0XXXXXS) is threaded onto the implant holder (MNC-D6SS00000S) and inserted into the intervertebral space.

3 —



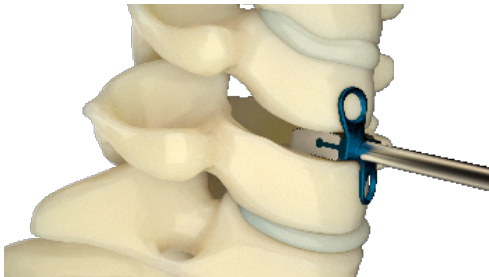
Preparation and insertion of the cage stand-alone

Once the correct size has been selected, the central opening of the definitive implant may be filled with bone substitute or autologous graft, using the base (MNC-S0SS00000S) as support.



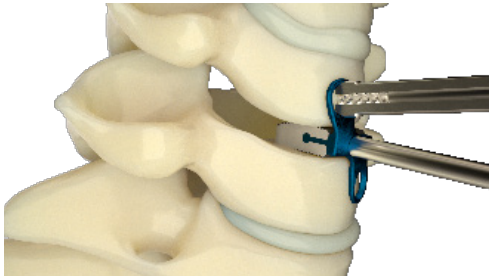
The angle of the plate's tabs can also be adjusted by bending them to achieve optimal contact with the anterior vertebral walls, using the base (MNC-S0SS00000S) and the plate bender (MNC-R0SS00000S).

SURGICAL TECHNIQUE



Thread the implant holder into the central hole of the cage and insert the implant into the intervertebral space until the plate is fully seated against the superior and inferior vertebral bodies.

4 —



Preparation and Insertion of the Screws

To position the screw in the cortical bone, insert the awl (MNC-M0SS00002S) into the designated holes of the plate, using the guide (MNC-N0SS00002S).

The insertion depth is limited by the instrument design.

Insert the tap (MNC-O0SS00033S) and, if necessary, verify the channel using the probe (MNC-P0SS00000S).

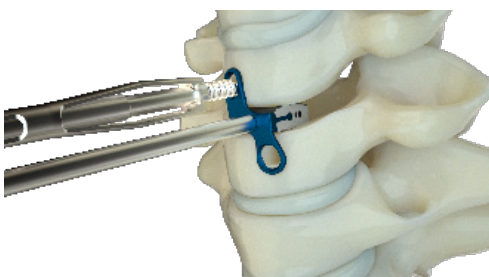
Laser markings on the instrument indicating depth can assist in selecting the appropriate screw length.

Connect the selected screw to the screwdriver and insert it using the screwdriver (MNC-H3SS00000S) until the screw head is fully seated within the plate.

Insert the second screw and tighten.

Revision screws may be used when larger diameters are required.

5 —



Optional Removal of the Cage

If necessary, the implant can be removed simply by unscrewing the screws securing the plate to the vertebrae.

Before removing the screws, connect the implant holder to the plate–cage construct to prevent any device movement during extraction.

Insert the screwdriver into the screw head and rotate counterclockwise to remove the screw.

Once both screws have been removed, the implant can be extracted, using the slap hammer (MNC-E0SS00000S) if needed.

CAGE-PLATE		H 4.5 CON INTERASSE DELLA PLACCA 15 MM H 5.5 CON INTERASSE DELLA PLACCA 16 MM H 6.5 CON INTERASSE DELLA PLACCA 17 MM
VITI STANDARD	D 3.8	DA 10 MM A 18 MM
VITI DA RECUPERO	D 4.2	DA 10 MM A 18 MM



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