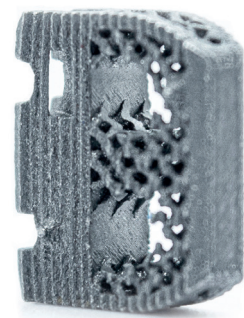


● CLOVER



monza
CERVICAL

CONCEPT & DESIGN



Monza is an innovative cervical cage that, thanks to its titanium trabecular structure made with the latest 3D printing techniques, provides immediate and secure mechanical stability and certain osseointegration to all types of implants.

The cervical cage was developed to cover all possible sizes and degrees of lordosis and allows placement with or without the use of "anti-migration" ratchet.

The instrumentation is basic but remarkably effective and integrated with the cage when it is inserted and placed.

The Monza cervical cage consists of a cage made of trabecular Titanium that can be used either stand-alone or in combination with a dedicated additional anchoring blade system. The blades, sliding inside the cage, penetrate the cervical vertebral bodies above and below realizing a stable constraint that speeds arthrodesis.

Properly used, Clover Orthopedics' Monza Cervical Stabilization System is indicated to promote the development of a solid intervertebral fusion of the cervical spine through an anterior approach.

It is indicated in cases of degenerative diseases of the cervical spine and intervertebral disc and in the treatment of cervical instabilities.

Depending on the specific surgical condition, the Monza Cervical system may require the use of an additional stabilization system, either anterior or posterior.

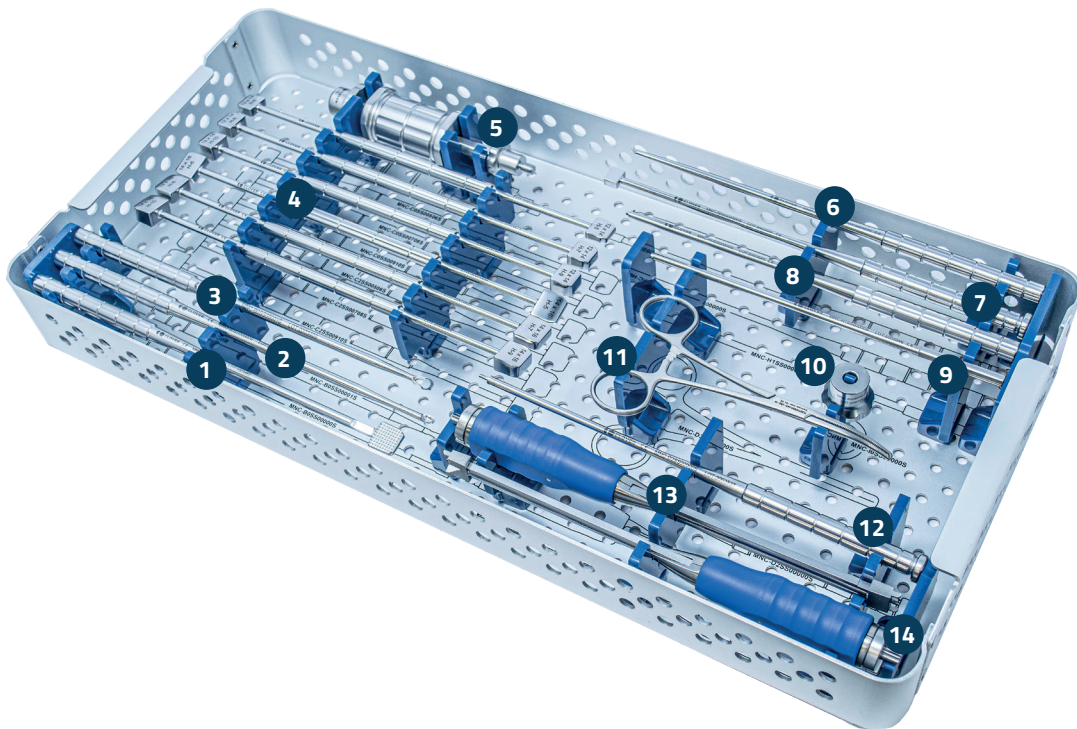
It is recommended that the Monza Cervical system be used in combination with bone/bone substitute.

INSTRUMENTS



Clover has invested heavily in instrument design and care with the goal of creating ergonomic, functional, and compact instrumentation. Designed for the surgeon and his team.

TRAY 1



1 SCRAPER	MNC-A05S000005	6 REMOVAL HOOK	MNC-L05S000005
2 CURETTE	MNC-B05S000005	7 IMPACTOR	MNC-G05S000005
3 TEARDROP CURETTE	MNC-B05S000015	8 HEX DRIVER	MNC-H05S000005
4 TRIAL 12X14 H5-H6	MNC-C05S005065	9 LOCKING SYSTEM HOLDER	MNC-H15S000005
TRIAL 12X14 H7-H8	MNC-C05S007085	10 POSTERIOR CAP	MNC-I05S000005
TRIAL 12X14 H9-H10	MNC-C05S009105	11 RATCHET HOLDER	MNC-D35S000005
TRIAL 14X16 H5-H6	MNC-C25S005065	12 HOLDER STAND ALONE	MCN-D25S000005
TRIAL 14X16 H7-H8	MNC-C25S007085	13 IMPLANT HOLDER WITHOUT STOP	MNC-D15S000005
TRIAL 14X16 H9-H10	MNC-C25S009105	14 HOLDER WITH SAFE STOP	MNC-D05S000005
5 SLIDE HAMMER	MNC-E05S000005		

INSTRUMENTS

SCRAPER

MNC-A05S000005



CURETTE

MNC-B05S000005



TEARDROP CURETTE

MNC-B05S000015



TRIAL 12X14 H5-H6

MNC-C05S005065



TRIAL 12X14 H7-H8

MNC-C05S007085



TRIAL 12X14 H9-H10

MNC-C05S009105



TRIAL 14X16 H5-H6

MNC-C25S005065



TRIAL 14X16 H7-H8

MNC-C25S007085



TRIAL 14X16 H9-H10

MNC-C25S009105



REMOVAL HOOK

MNC-L05S000005



INSTRUMENTS

IMPACTOR MNC-G05S000005



HEX DRIVER MNC-H05S000005



LOCKING SYSTEM HOLDER MNC-H15S000005



RATCHET HOLDER MNC-D35S000005



HOLDER STAND ALONE MCN-D25S000005



IMPLANT HOLDER WITHOUT STOP MNC-D15S000005



IMPLANT HOLDER WITH SAFE STOP MNC-D05S000005



POSTERIOR CAP MNC-I05S000005

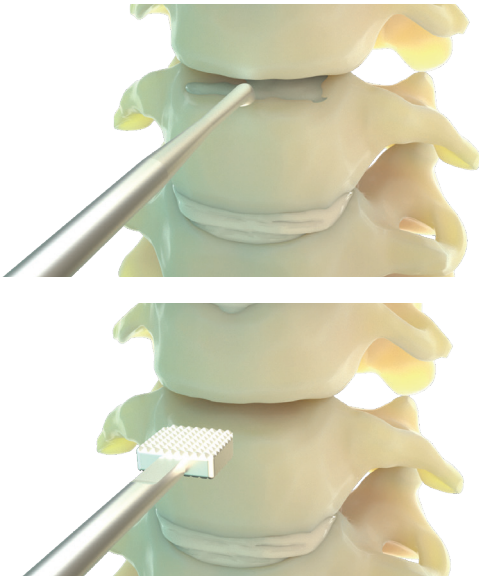


SLIDE HAMMER MNC-E05S000005



SURGICAL TECHNIQUE

1 —



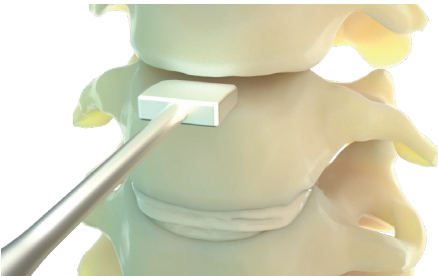
Disc space preparation

If necessary, use the distractor to achieve adequate access to the disc space. The pins should be placed approximately 7 mm from both vertebral plates to avoid contact between the caspar pins and the Monza anchor flap during insertion of the anchor flap.

If the patient's anatomy does not allow a space of 7 mm, remove the caspar pins before inserting the anchor fin to eliminate any risk of obstruction.

Remove the disc and perform any removal of bone and tissue with special instruments found within the instrumentarium: **curettes** and **scrapers**.

2 —

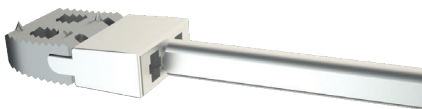


Cage selection

Select the appropriate cage using the **trial** provided.

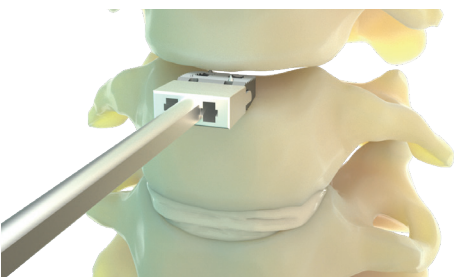
NOTE: Evidence and cages have an anatomical profile.

3 —



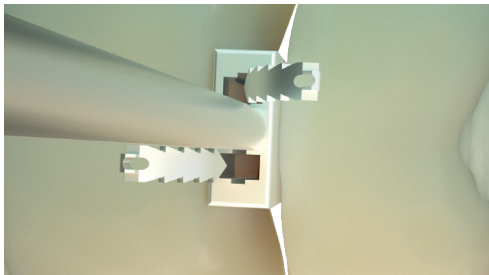
Preparation and insertion of the standalone cage

Screw the cage onto the **implant holder** and insert it into the intervertebral disc space. Then, using fluoroscopy, check the correct positioning of the cage, and if the position is correct, remove the cage holder



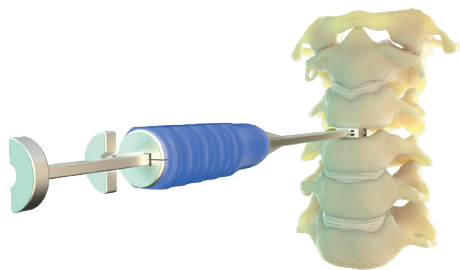
SURGICAL TECHNIQUE

4 —



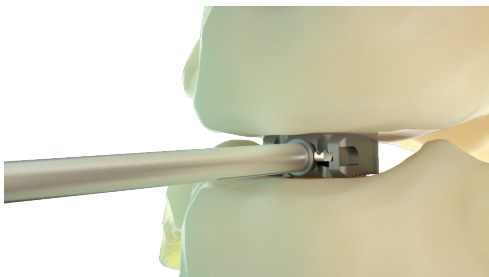
Preparation and insertion of the cage with ratchet

Screw the cage onto the **implant holder** by turning the knob on the end of the holder. Then with the help of the protective ring, insert the cage into the intervertebral space and, using fluoroscopy, check the correct positioning of the cage.



Insert the two ratchet tabs into the groove of the specific implant holder; the direction of the tabs is defined on the top of the cage holder by laser marking arrows.

Using the **impactor**, insert the ratchets inside the vertebral bodies. It is advisable to insert one ratchet at a time and verify with fluoroscopy the correct positioning of the fin. When the impactor makes contact with the top of the **implant holder**, it means that the ratchet is positioned correctly and totally inside the vertebral body.



Remove the **implant holder** by turning the knob on the end of the holder.

With the nut locator, screw the nut into the hole provided to prevent the lugs from sticking out of the cage. With the nut positioner screwdriver, a greater closing force can be exerted



misano 

monza 

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