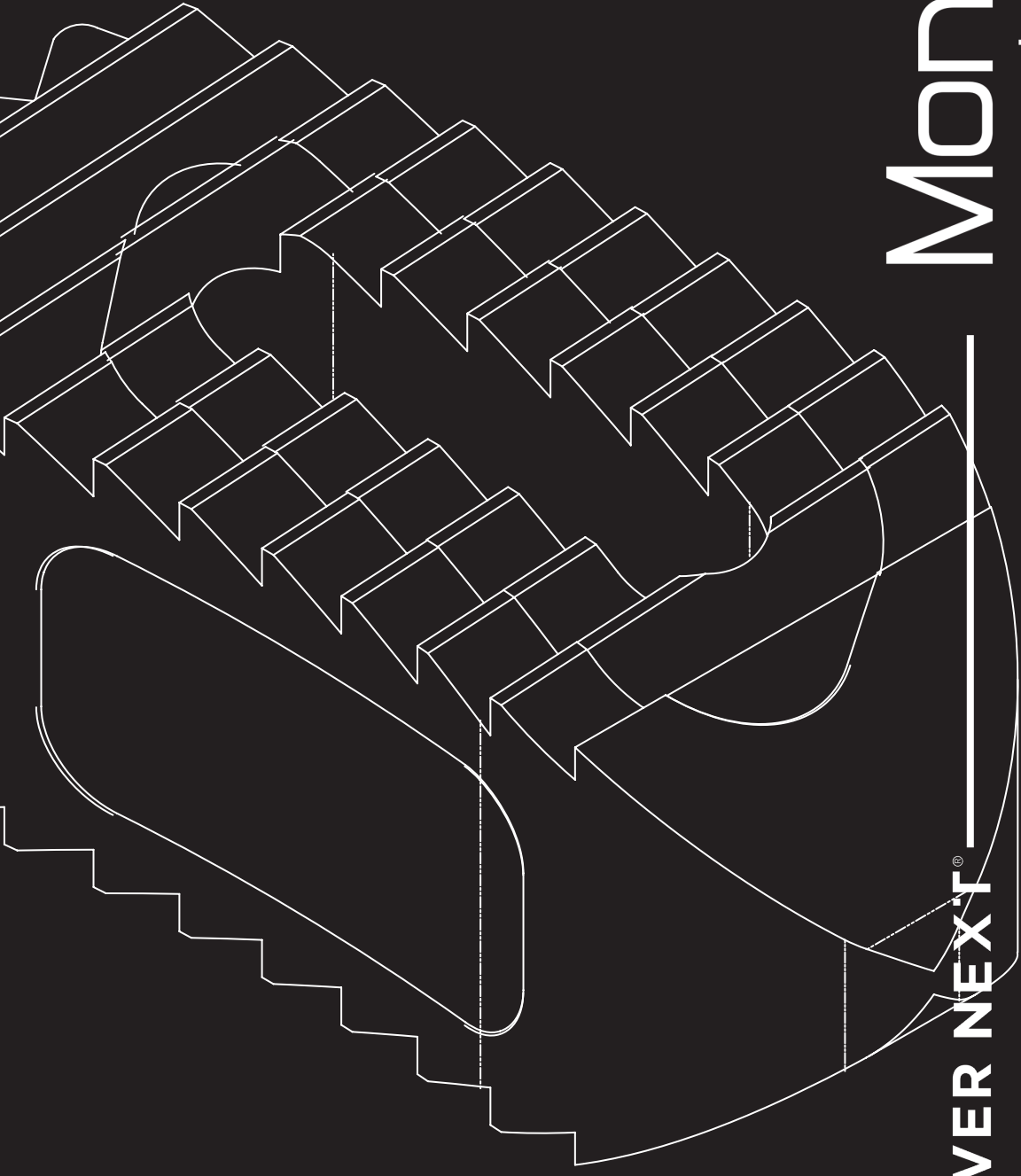




● CLOVER NEXT[®] —

Monza
Lumbar



3d-printed trabecular titanium structure providing excellent osteointegration and mechanical stability

Possibility to insert bone graft inside the cage

Compact and functional instrumentation

Implants supplied sterile

PLIF cage version also available entirely in next-generation heterologous bone substitute

Complete system of cages inter-somatic thoracolumbar

Monza is a comprehensive system of interbody cages manufactured in trabecular titanium using the most advanced 3D-printing technologies, as well as in a next-generation heterologous bone substitute, ensuring load-bearing strength and effective osteointegration.

The PLIF, TLIF and S-TLIF lumbar cages are available in multiple sizes and degrees of lordosis, offering wide implant modularity.

The implant design provides generous internal space for the placement of bone graft.

The instrumentation is ergonomic, essential, and highly effective.





TLIF



S-TLIF



PLIF

Features



TITANIO TRABECOLARE



3D PRINTING TECH



ETO STERILE

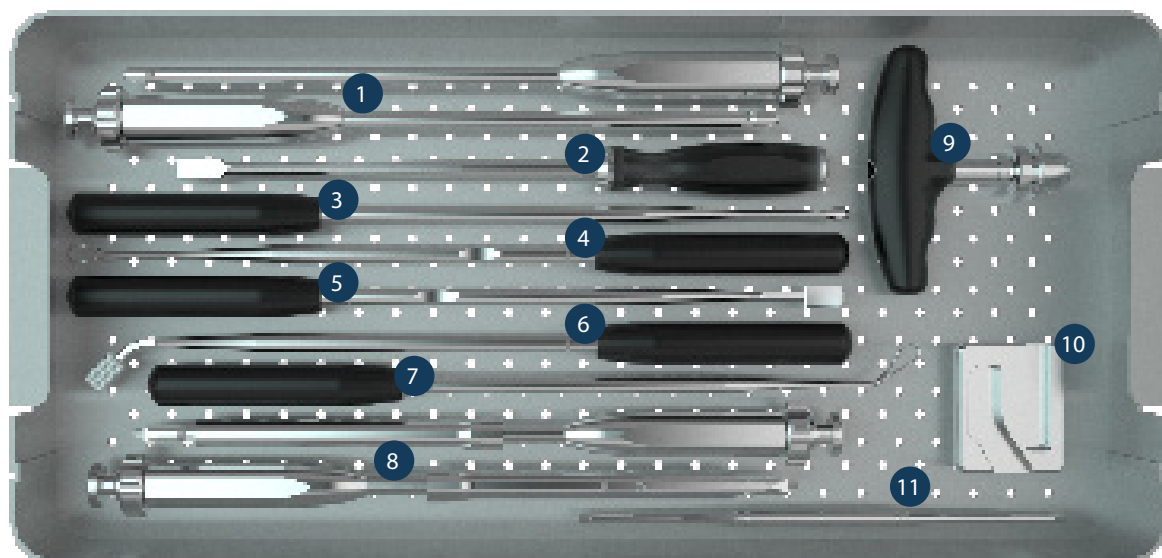
Instrumentation

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



Instrumentation

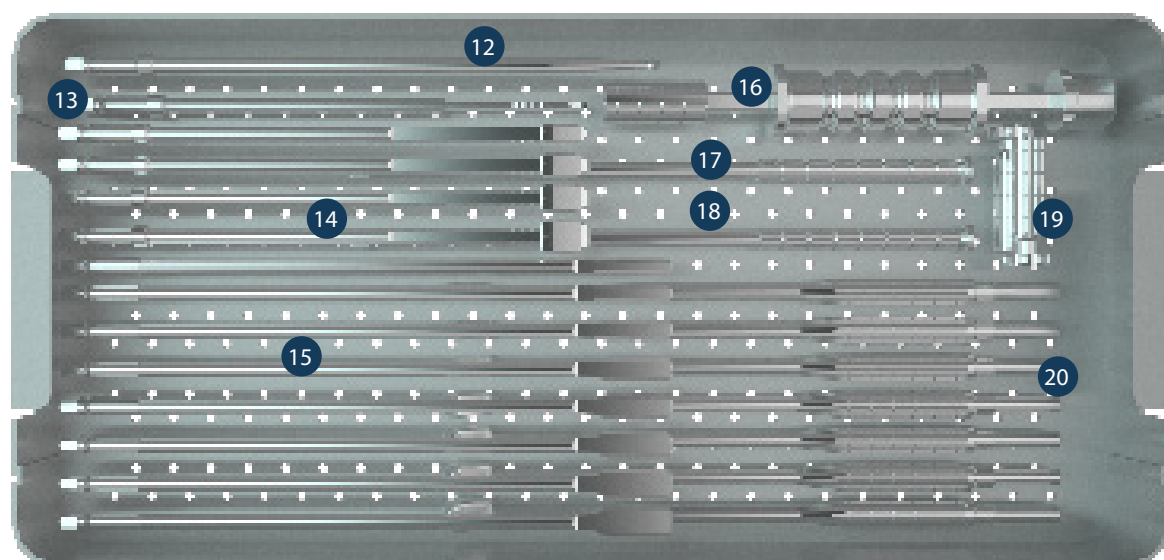
TRAY 1



1	HOLDER	MNZ-B0SS00000S	7	ANGLED TEARDROP CURETTE	MNZ-C1SS00001S
2	CHISEL	MNZ-P0SS00004S	8	ROTATING TLIF HOLDER	MNZ-B0SS00001S
3	CURETTE	MNZ-C0SS00000S	9	CANNULATED T-HANDLE	MNZ-N1SS00000S
4	TEARDROP CURETTE	MNZ-C0SS00001S	10	MOULD FOR BONE GRAFT	MNZ-F2SS00000S
5	STRAIGHT SCRAPER	MNZ-D0SS00000S	11	IMPACTOR FOR BONE GRAFT	MNZ-G0SS00000S
6	ANGLED SCRAPER	MNZ-D1SS00000S			

Instrumentation

TRAY 2



12	EXTRACTOR	MNZ-L0SS00000S	16	SLIDE HAMMER	MNZ-I0SS00000S
13	STARTER 7MM	MNZ-A0SS00000S	17	LATERAL IMPACTOR	MNZ-M0SS00001S
14	SPREADER / TRIAL PL-STL 8MM	MNZ-H0SS00008S	18	POSTERIOR IMPACTOR	MNZ-M0SS00000S
	SPREADER / TRIAL PL-STL 10MM	MNZ-H0SS00010S	19	PL-TL INSERT	MNZ-P0SS00005S
	SPREADER / TRIAL PL-STL 12MM	MNZ-H0SS00012S	20	TRIAL TL 7MM	MNZ-E0SS00007S
	SPREADER / TRIAL PL-STL 14MM	MNZ-H0SS00014S		TRIAL TL 8MM	MNZ-E0SS00008S
15	SHAVER 7MM	MNZ-O0SS00007S		TRIAL TL 9MM	MNZ-E0SS00009S
	SHAVER 8MM	MNZ-O0SS00008S		TRIAL TL 10MM	MNZ-E0SS00010S
	SHAVER 9MM	MNZ-O0SS00009S		TRIAL TL 11MM	MNZ-E0SS00011S
	SHAVER 10MM	MNZ-O0SS00010S		TRIAL TL 12MM	MNZ-E0SS00012S
	SHAVER 11MM	MNZ-O0SS00011S		TRIAL TL 13MM	MNZ-E0SS00013S
	SHAVER 12MM	MNZ-O0SS00012S			
	SHAVER 13MM	MNZ-O0SS00013S			
	SHAVER 14MM	MNZ-O0SS00014S			

Instrumentation

HANDLE

MNZ-N0SS00000S



T-HANDLE

MNZ-N1SS00000S



CHISEL

MNZ-P0SS00004S



ANGLED TEARDROP CURETTE

MNZ-C1SS00001S



TEARDROP CURETTE

MNZ-C0SS00001S



CURETTE

MNZ-COSS00000S



STRAIGHT SCRAPER

MNZ-D0SS00000S



ANGLED SCRAPER

MNZ-D1SS00000S



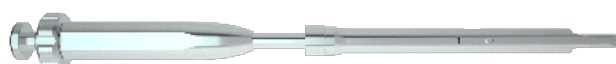
HOLDER

MNZ-B0SS00000S



ROTATING TLIF HOLDER

MNZ-B0SS00001S



Instrumentation

IMPACTOR FOR BONE GRAFT

MNZ-G0SS00000S



MOULD FOR BONE GRAFT
TLIF CAGES

MNZ-F1SS00000S



POSTERIOR IMPACTOR

MNZ-M0SS00000S



LATERAL IMPACTOR

MNZ-M0SS00001S



EXTRACTOR PLIF-STLIF

MNZ-L0SS00000S



SHAVER 7MM

MNZ-O0SS00007S



SHAVER 8MM

MNZ-O0SS00008S



SHAVER 9MM

MNZ-O0SS00009S



SHAVER 10MM

MNZ-O0SS00010S



SHAVER 11MM

MNZ-O0SS00011S



Instrumentation

SHAVER 12MM

MNZ-O0SS00012S



SHAVER 13MM

MNZ-O0SS00013S



SHAVER 14MM

MNZ-O0SS00014S



TRIAL TL 7MM

MNZ-E0SS00007S



TRIAL TL 8MM

MNZ-E0SS00008S



TRIAL TL 9MM

MNZ-E0SS00009S



TRIAL TL 10MM

MNZ-E0SS00010S



TRIAL TL 11MM

MNZ-E0SS00011S



TRIAL TL 12MM

MNZ-E0SS00012S



TRIAL TL 13MM

MNZ-E0SS00013S



Instrumentation

TRIAL PL/S-TL 7MM

MNZ-A0SS00000S



TRIAL PL/S-TL 8MM

MNZ-H0SS00008S



TRIAL PL/S-TL 10MM

MNZ-H0SS00010S



TRIAL PL/S-TL 12MM

MNZ-H0SS00012S



TRIAL PL/S-TL 14MM

MNZ-H0SS00014S



PLIF-TLIF INSERT

MNZ-P0SS00005S



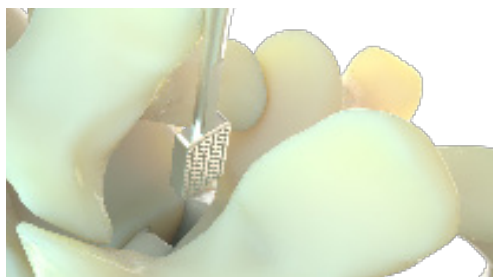
SLIDE HAMMER

MNZ-I0SS00000S



PLIF / S-TLIF SURGICAL TECHNIQUE

1 —



Disc Space Preparation

After identifying the implantation site, perform resection of the anatomical structures involved through a posterior approach.

Once the disc is exposed, proceed with discectomy using the dedicated general instruments, the calibrated shavers, curettes, and rasps.

The size of the last shaver used may provide a useful indication for selecting the appropriate cage trial.

2 —



Cage Selection

Insert the PL/S-TL trial into the disc space, beginning with the smallest size and progressing until the desired height is achieved.

NOTE: The distal end of the trials features grooves visible under fluoroscopy to determine the correct cage length.

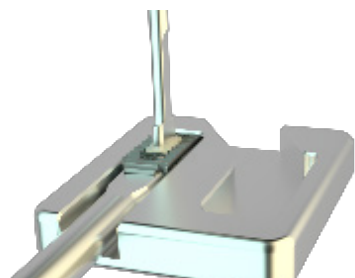
3 —



Cage Preparation

Mount the cages onto the PL/S-TL cage holder, securing the assembly by rotating the proximal ring on the handle clockwise.

PLIF / S-TLIF SURGICAL TECHNIQUE



Place the cages in the mould for bone graft PLIF/S-TLIF cages and introduce the bone graft inside the implant hole using the appropriate impactor for bone graft.

4 —



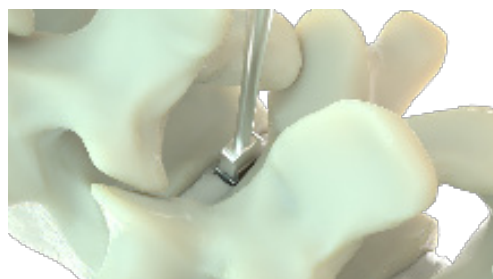
Cage Insertion

Insert the cages into the disc space until the desired depth is reached.

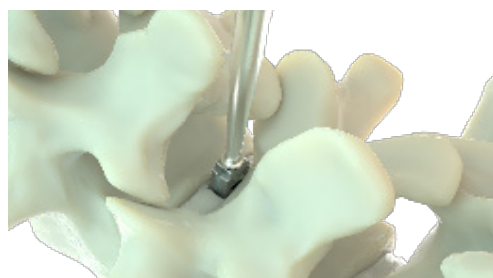
If the position is not satisfactory, the slap hammer can be connected directly to the cage holder to remove the cage.

Once the correct depth and position have been achieved, unscrew the locking ring and remove the cage holder.

After removing the holder, the definitive PL/S-TL impactor may be used to advance the cage slightly within the disc space.



5 —

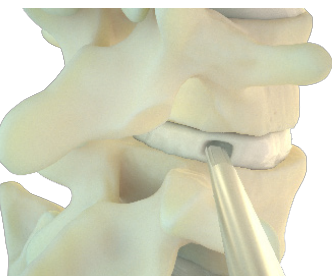


Cage Removal

Thread the cage extractor into the cage's central hole. Connect the instrument to the slap hammer and proceed with cage removal.

TLIF SURGICAL TECHNIQUE

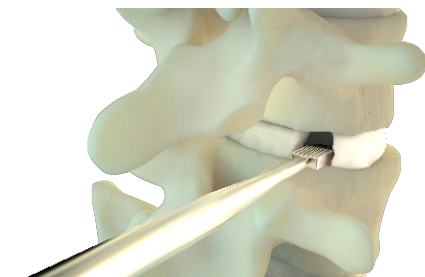
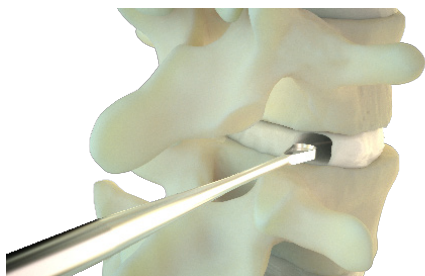
1 —



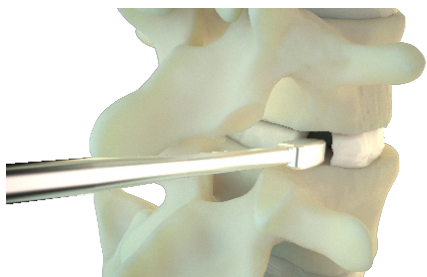
Disc space preparation

After identifying the implantation site, perform resection of the involved anatomical structures through a transforaminal approach.

Once the disc is exposed, perform the discectomy using general instruments, calibrated shavers, curettes, and rasps. The size of the last shaver used guides the selection of the appropriate cage trial.



2 —

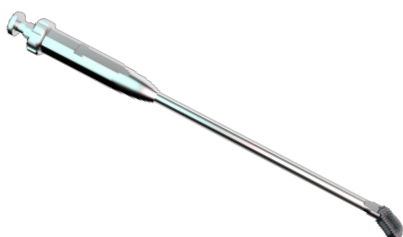


Cage Selection

Insert the TL trial into the disc space, beginning with the smallest size and progressing until the desired height is achieved.

NOTE: The TL trial has a fixed length of 28 mm.

3 —

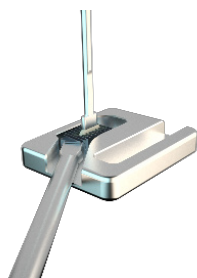


Cage Preparation

Mount the cages onto the TL cage holder and rotate the proximal ring clockwise.

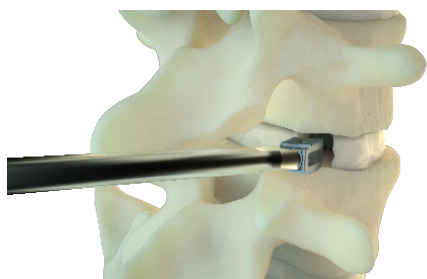
Then, to secure the cage firmly to the holder, slide the central body of the instrument inside the cage and rotate counterclockwise.

TLIF SURGICAL TECHNIQUE



Place the cages in the TL compaction base and insert the bone graft into the cage cavity using the dedicated bone impactor.

4 —



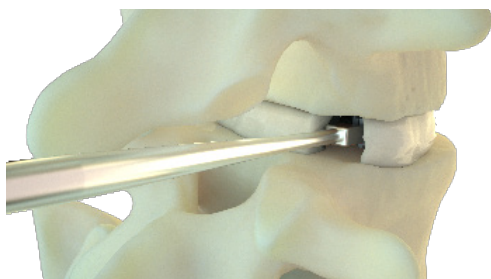
Cage Insertion

Insert the cages into the disc space until the desired final depth is achieved.

If the position is unsatisfactory, attach the slap hammer to the holder and remove the cage.

Once the ideal position is reached, unscrew the locking ring and remove the cage holder.

After removal, the definitive TL impactor can be used to gently rotate and advance the cage under fluoroscopic control until final positioning is achieved.



PLIF CAGE 6° LORDOTIC	10X22	DA H7 A H14
PLIF CAGE 0° AND 6° LORDOTIC	10X26	DA H7 A H14
TLIF CAGE 7° LORDOTIC	12X28	DA H7 A H14
	12X32	DA H7 A H14
S-TLIF CAGE 0°	10X30	DA H7 A H14
	10X34	DA H7 A H14



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