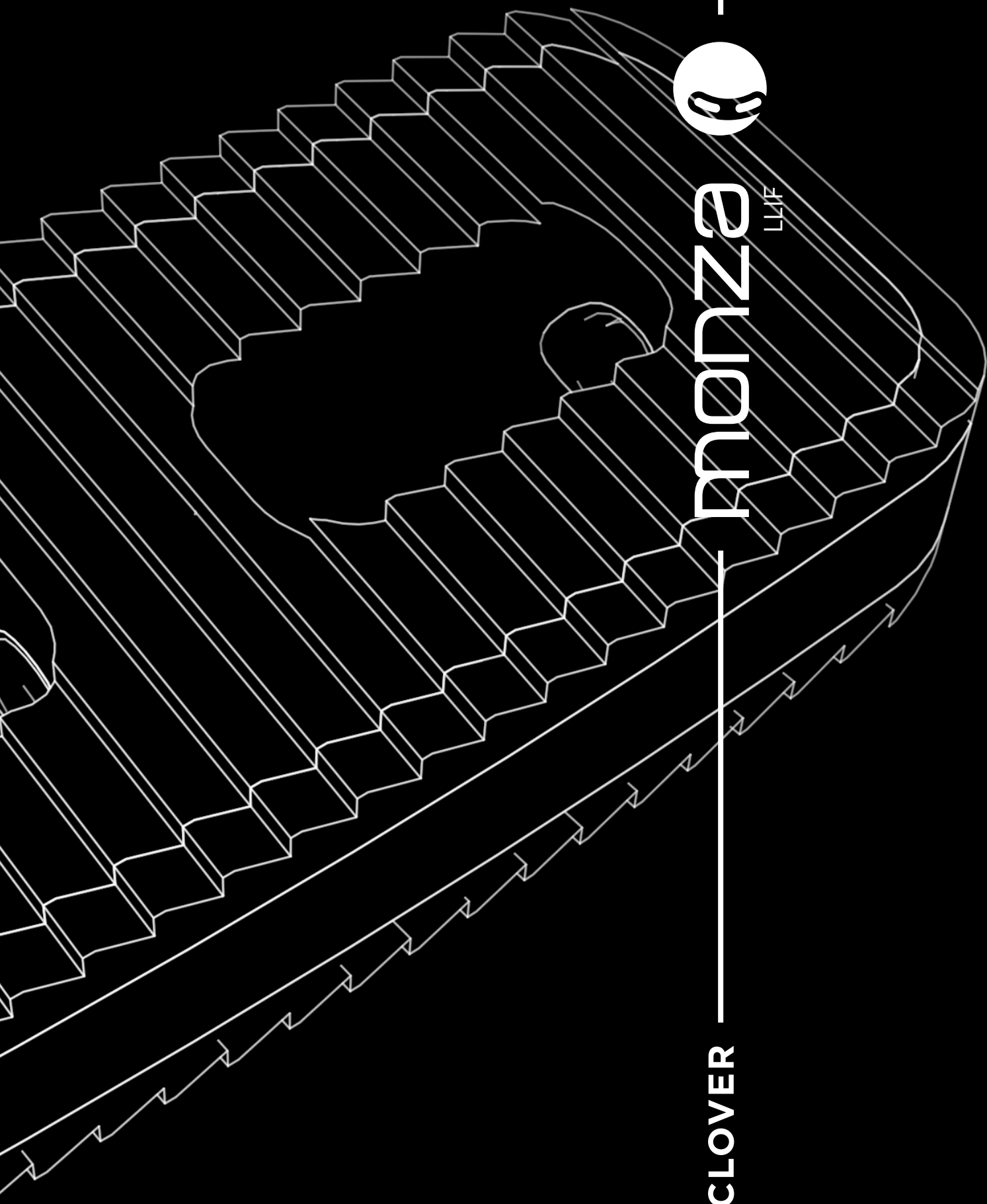


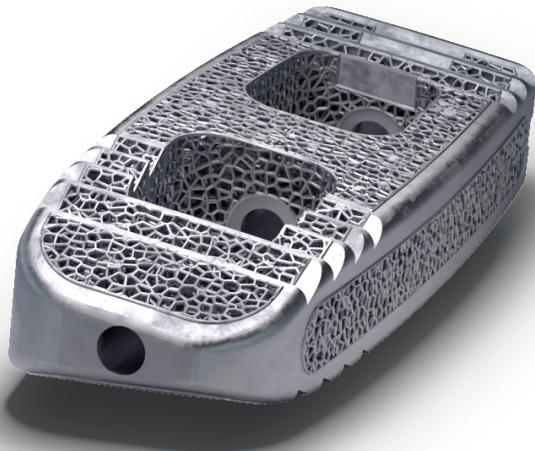


monza

LLIF

CLOVER





3D TITANIUM TRABECULAR STRUCTURE THAT PROVIDES EXCELLENT OSSEOINTEGRATION AND MECHANICAL STABILITY

POSSIBILITY OF INSERTING BONE GRAFTS WITHIN THE CAGE

ZERO OR LORDOTIC PROFILE CAGE

DEDICATED RETRACTOR FOR ACCESS MINIMALLY INVASIVE LATERAL

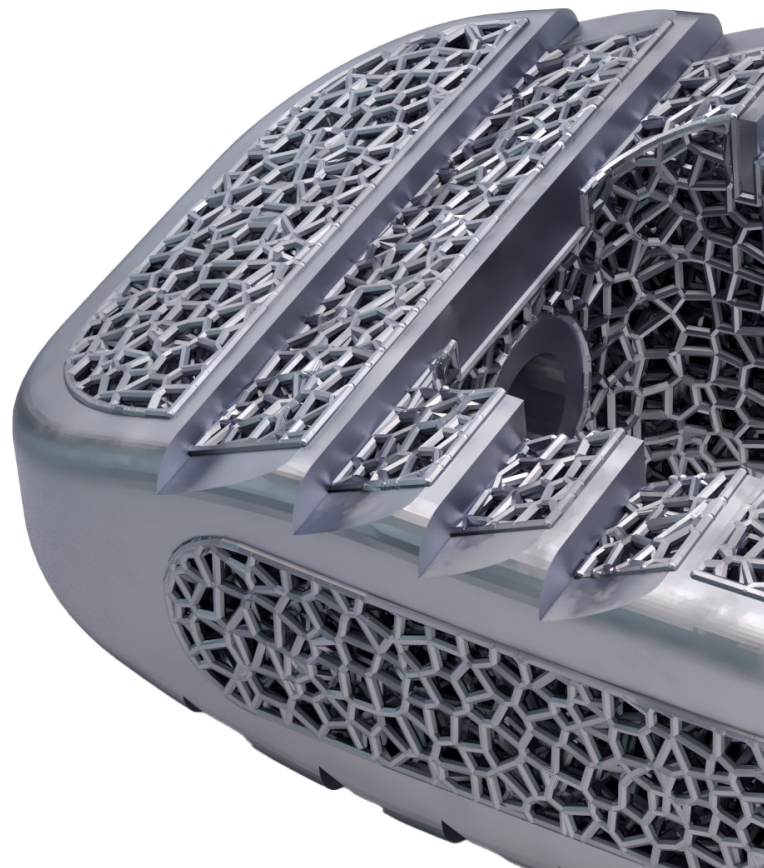
Complete system of lateral intersomatic cages

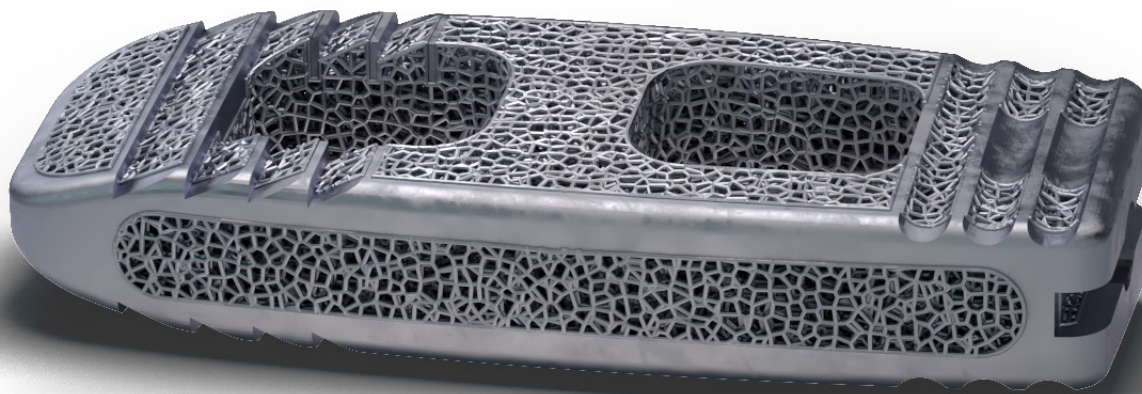
Monza LLIF is a complete system of lateral interbody cages that, thanks to the titanium trabecular structure, made with the latest **3D printing** techniques, guarantees immediate mechanical stability and excellent osseointegration.

LLIF cages come in different sizes, lordotic or flat, ensuring a wide modularity of the implant. The design of the implant also leaves ample space for the insertion of the bone substitute.

The instrumentarium is ergonomic, essential and effective with a wide choice of instruments for disc preparation and the possibility of cage insertion with both straight and angled instruments.

The instrumentarium also includes an **innovative retractor for minimally invasive lateral access** with steel valves of different lengths and multipurpose lights. In addition, the dilators are compatible with intraoperative monitoring.





Features



TITANIO TRABECOLARE



3D PRINTING TECH



ETO STERILE



Instrumentarium

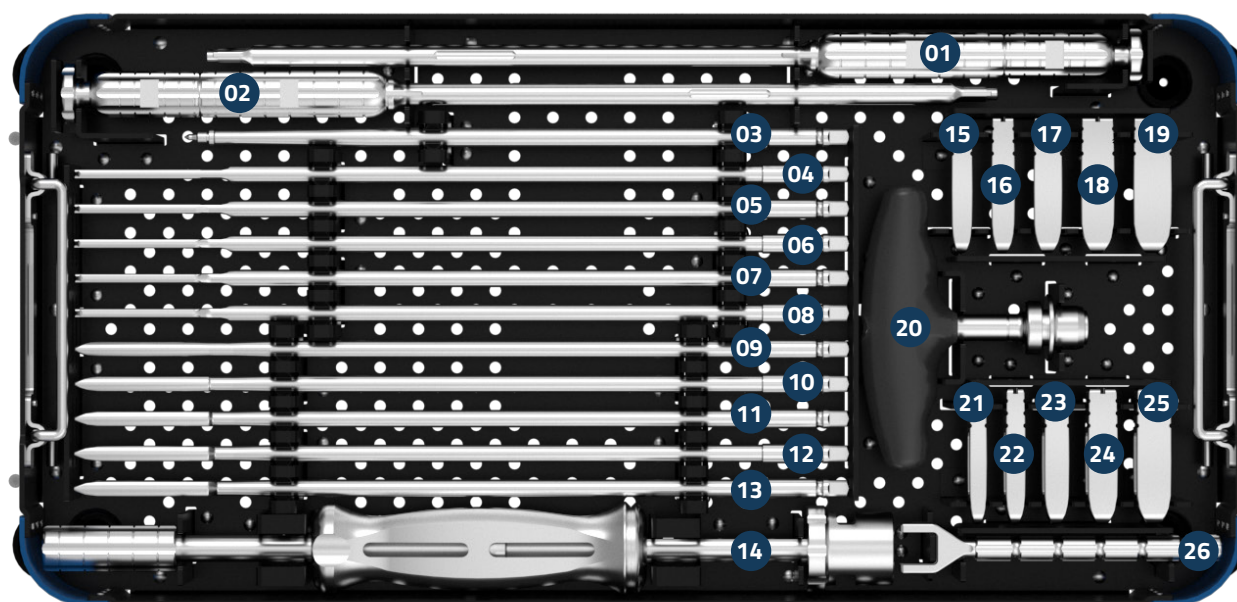
Clover has invested heavily in instrument design and care with the goal of creating ergonomic, functional, and compact instrumentation.

Designed for the surgeon and his team.

#LESSISMORE

INSTRUMENTARY

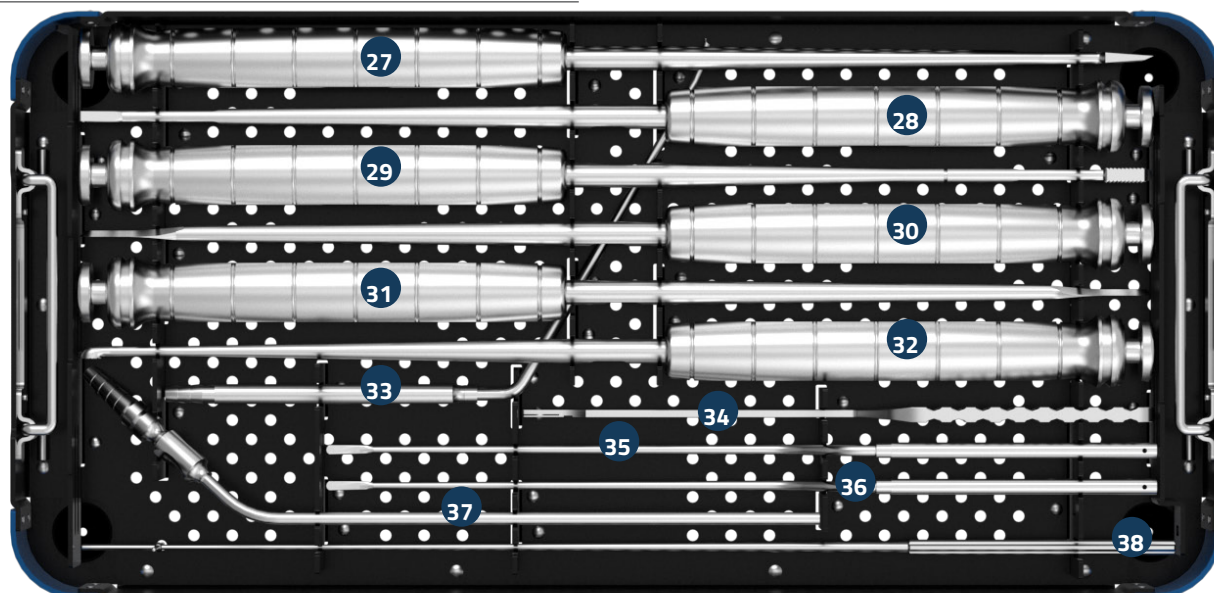
MONZA LLIF SPECIFIC



01	LLIF 18-20MM HOLDER	MNZ-B0SS00002S	14	LLIF SLIDE HAMMER	MNZ-I1SS00000S
02	LLIF 18-20MM HOLDER	MNZ-B0SS00002S	15	TRIAL LLIF LORDOTIC 18X55 - 10° - H07	MNZ-R1SS18107S
03	EXTRACTOR LLIF	MNZ-L1SS00000S	16	TRIAL LLIF LORDOTIC 18X55 - 10° - H08	MNZ-R1SS18108S
04	SHAVER LLIF H7	MNZ-O2SS00007S	17	TRIAL LLIF LORDOTIC 18X55 - 10° - H10	MNZ-R1SS18110S
05	SHAVER LLIF H8	MNZ-O2SS00008S	18	TRIAL LLIF LORDOTIC 18X55 - 10° - H12	MNZ-R1SS18112S
06	SHAVER LLIF H10	MNZ-O2SS00010S	19	TRIAL LLIF LORDOTIC 18X55 - 10° - H14	MNZ-R1SS18114S
07	SHAVER LLIF H12	MNZ-O2SS00012S	20	CANNULATED SILICONE T HANDLE	MNZ-N1SS00000S
08	SHAVER LLIF H14	MNZ-O2SS00014S	21	TRIAL LLIF 18X55 - H07	MNZ-R0SS18107S
09	SPREADER LLIF H7	MNZ-H1SS00007S	22	TRIAL LLIF 18X55 - H08	MNZ-R0SS18108S
10	SPREADER LLIF H8	MNZ-H1SS00008S	23	TRIAL LLIF 18X55 - H10	MNZ-R0SS18110S
11	SPREADER LLIF H10	MNZ-H1SS00010S	24	TRIAL LLIF 18X55 - H12	MNZ-R0SS18112S
12	SPREADER LLIF H12	MNZ-H1SS00012S	25	TRIAL LLIF 18X55 - H14	MNZ-R0SS18114S
13	SPREADER LLIF H14	MNZ-H1SS00014S	26	WRENCH Ø13 MM	MNZ-Q0SS00013S

INSTRUMENTARY

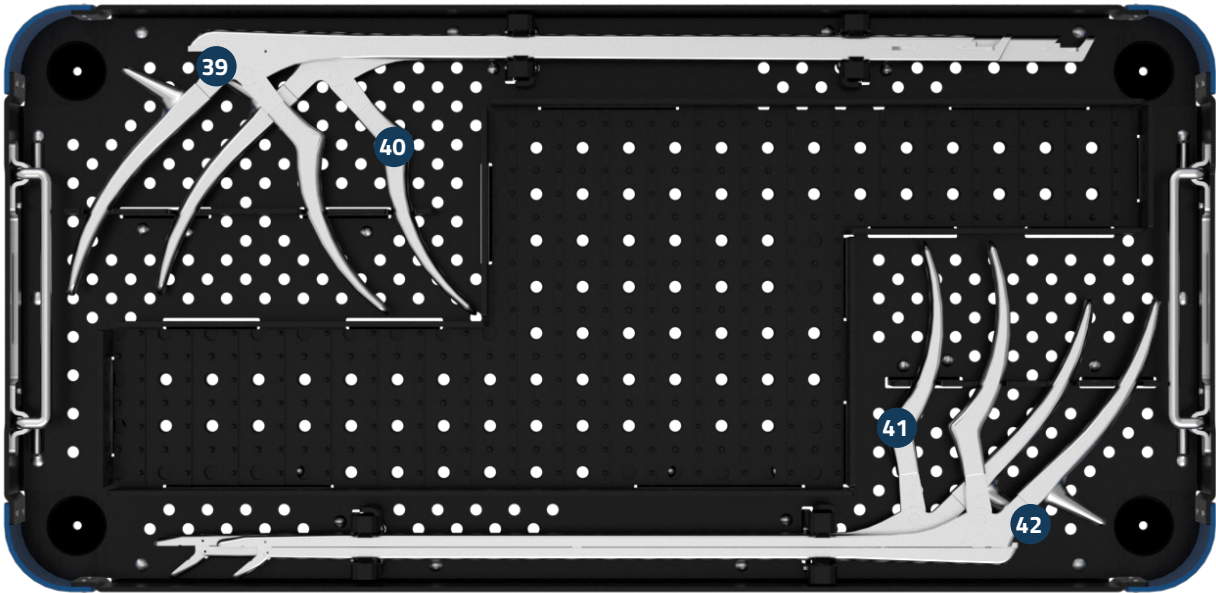
STRAIGHT ACCES TRAY 1



27	LLIF CHISEL	MNZ-POSS10004S	33	SUCTION RETRACTOR	MNZ-P3SS00010S
28	LLIF TEARDROP CURETTE	MNZ-COSS10121S	34	LONG BAYONET SCALPEL	MNZ-B1SS00100S
29	LLIF STRAIGHT SCRAPER	MNZ-DOSS10006S	35	PENFIELD PULL - 4MM	MNZ-T1SS00002S
30	STRAIGHT COBB - 12MM	MNZ-TOSS00012S	36	PENFIELD PULL - 2MM	MNZ-T1SS00004S
31	STRAIGHT COBB - 20MM	MNZ-TOSS00020S	37	SUCTION TUBE	MNZ-P2SS00012S
32	LLIF CUP CURETTE	MNZ-COSS10690S	38	TARGETING INSTRUMENT	MNZ-POSS00000S

INSTRUMENTARY

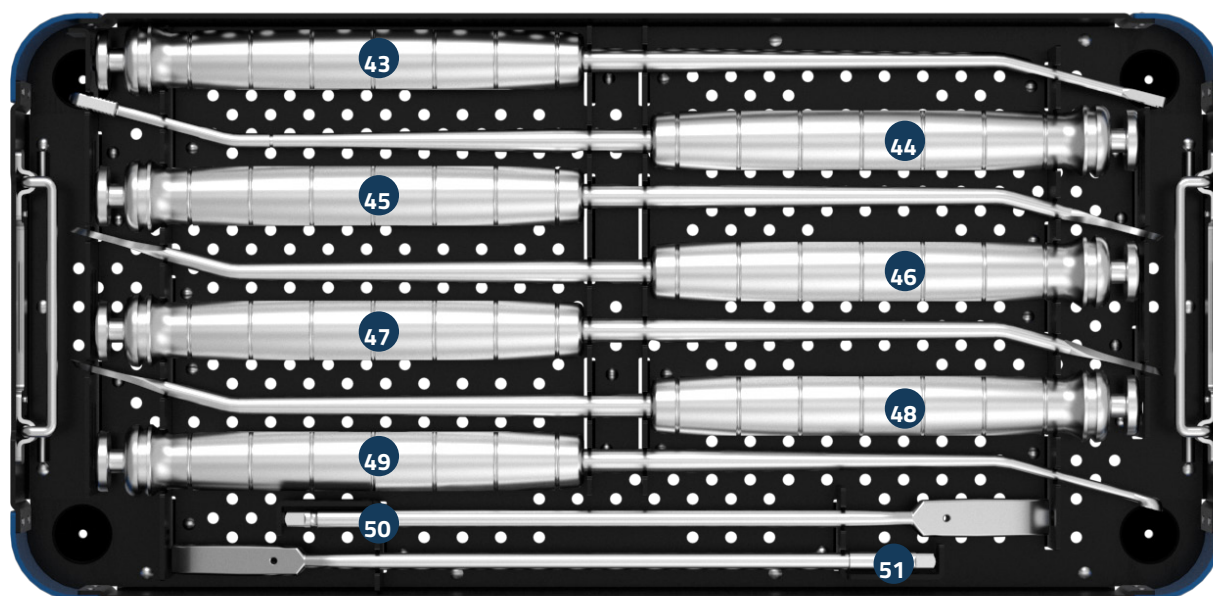
STRAIGHT ACCESS TRAY 2



39	STRAIGHT PITUITARY - 3X325MM	MNZ-S1SS00003S	41	STRAIGHT KERRISON - 3X325MM	MNZ-S0SS00003S
40	STRAIGHT PITUITARY - 5X325MM	MNZ-S1SS00005S	42	STRAIGHT KERRISON - 5X325MM	MNZ-S0SS00005S

INSTRUMENTARY

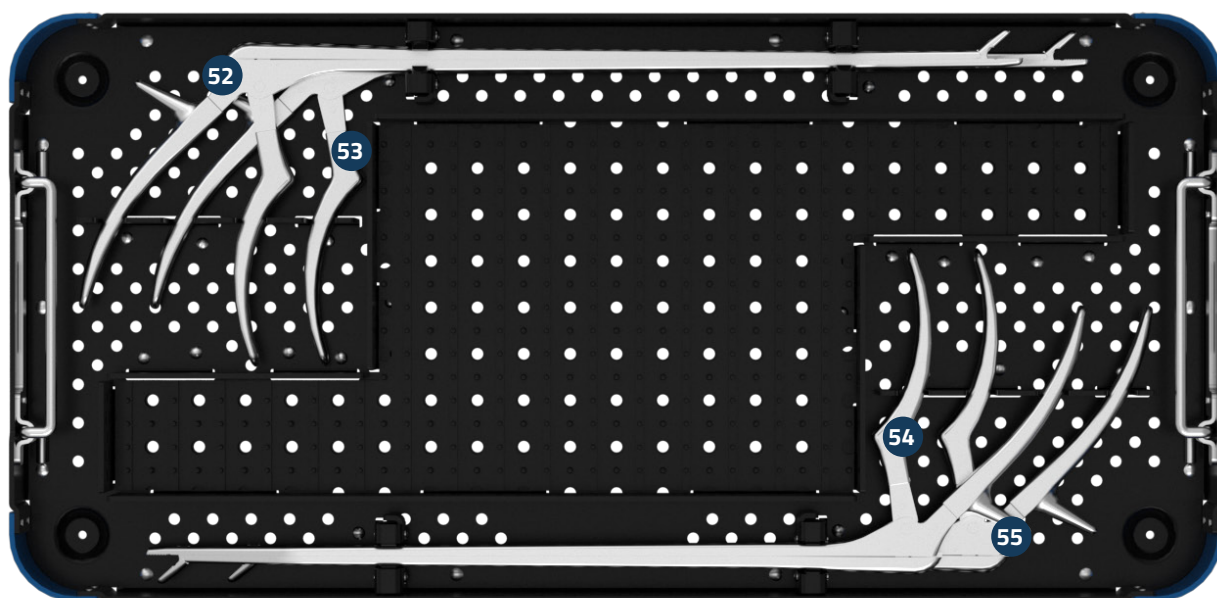
ANGLED ACCESS TRAY 1



43	LLIF ANGLED TEARDROP CURETTE	MNZ-C1SS10121S	48	ANGLED COBB - 20MM - RIGHT	MNZ-T0SS12020S
44	LLIF ANGLED SCRAPER	MNZ-D1SS10006S	49	LLIF ANGLED UP CUP CURETTE	MNZ-C1SS11690S
45	ANGLED COBB - 12MM - LEFT	MNZ-T0SS11012S	50	ANGLED STARTER - H16MM	MNZ-A1SS00116S
46	ANGLED COBB - 20MM - LEFT	MNZ-T0SS11020S	51	ANGLED STARTER - H13MM	MNZ-A1SS00113S
47	ANGLED COBB - 12MM - RIGHT	MNZ-T0SS12012S			

INSTRUMENTARY

ANGLED ACCESS TRAY 2



52	ANGLED PITUITARY - 3X325MM - LEFT	MNZ-S1SS11003S	54	ANGLED PITUITARY - 3X325MM - RIGHT	MNZ-S1SS12003S
53	ANGLED PITUITARY - 5X325MM - LEFT	MNZ-S1SS11005S	55	ANGLED PITUITARY - 5X325MM - RIGHT	MNZ-S1SS12005S

INSTRUMENTARY

CANNULATED SILICONE T HANDLE

MNZ-N1SS000005



ANGLED STARTER - H13MM

MNZ-A1SS001135



ANGLED STARTER - H16MM

MNZ-A1SS001165



LLIF ANGLED UP CUP CURETTE

MNZ-C1SS116905



ANGLED COBB - 20MM - RIGHT

MNZ-T0SS120205



ANGLED COBB - 12MM - RIGHT

MNZ-T0SS120125



ANGLED COBB - 20MM - LEFT

MNZ-T0SS110205



ANGLED COBB - 12MM - LEFT

MNZ-T0SS110125



LLIF ANGLED SCRAPER

MNZ-D1SS100065



LLIF ANGLED TEARDROP CURETTE

MNZ-C1SS101215



INSTRUMENTARY

LLIF 18-20MM HOLDER

MNZ-B05S000025



EXTRACTOR LLIF

MNZ-L15S000005



SHAVER LLIF H7

MNZ-O25S000075



SHAVER LLIF H8

MNZ-O25S000085



SHAVER LLIF H10

MNZ-O25S000105



SHAVER LLIF H12

MNZ-O25S000125



SHAVER LLIF H14

MNZ-O25S000145



SPREADER LLIF H7

MNZ-H15S000075



SPREADER LLIF H8

MNZ-H15S000085



SPREADER LLIF H10

MNZ-H15S000105



INSTRUMENTARY

SPREADER LLIF H12

MNZ-H1SS00012S



SPREADER LLIF H14

MNZ-H1SS00014S



LLIF SLIDE HAMMER

MNZ-I1SS00000S



TRIAL LLIF LORDOTIC 18X55 - 10° - H07 MNZ-R1SS18107S



TRIAL LLIF LORDOTIC 18X55 - 10° - H08 MNZ-R1SS18108S



TRIAL LLIF LORDOTIC 18X55 - 10° - H10 MNZ-R1SS18110S



TRIAL LLIF LORDOTIC 18X55 - 10° - H12 MNZ-R1SS18112S



TRIAL LLIF LORDOTIC 18X55 - 10° - H14 MNZ-R1SS18114S



TRIAL LLIF 18X55 - H07

MNZ-R0SS18107S



TRIAL LLIF 18X55 - H08

MNZ-R0SS18108S



INSTRUMENTARY

TRIAL LLIF 18X55 - H10

MNZ-R0SS18110S



TRIAL LLIF 18X55 - H12

MNZ-R0SS18112S



TRIAL LLIF 18X55 - H14

MNZ-R0SS18114S



WRENCH Ø13 MM

MNZ-Q0SS00013S



LLIF CHISEL

MNZ-P0SS10004S



LLIF TEARDROP CURETTE

MNZ-C0SS10121S



LLIF STRAIGHT SCRAPER

MNZ-D0SS10006S



STRAIGHT COBB - 12MM

MNZ-T0SS00012S



STRAIGHT COBB - 20MM

MNZ-T0SS00020S



LLIF CUP CURETTE

MNZ-C0SS10690S



INSTRUMENTARY

SUCTION RETRACTOR

MNZ-P3SS00010S



LONG BAYONET SCALPEL

MNZ-B1SS00100S



PENFIELD PULL - 4MM

MNZ-T1SS00002S



PENFIELD PULL - 2MM

MNZ-T1SS00004S



SUCTION TUBE

MNZ-P2SS00012S



TARGETING INSTRUMENT

MNZ-P0SS00000S



STRAIGHT PITUITARY - 3X325MM

MNZ-S1SS00003S



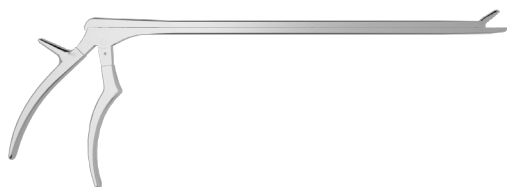
STRAIGHT PITUITARY - 5X325MM

MNZ-S1SS00005S



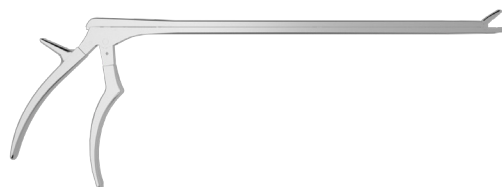
STRAIGHT KERRISON - 3X325MM

MNZ-S0SS00003S



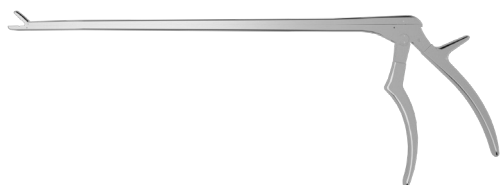
LLIF CUP CURETTE

MNZ-S0SS00005S

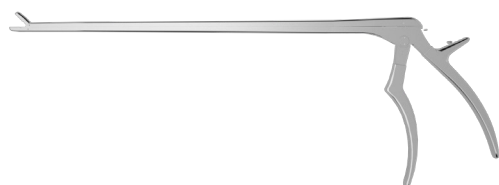


INSTRUMENTARY

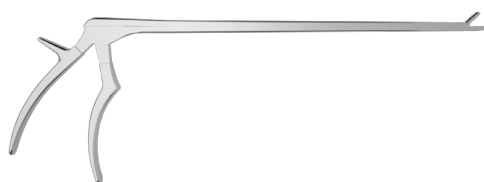
ANGLED PITUITARY - 3X325MM - LEFT MNZ-S1SS11003S



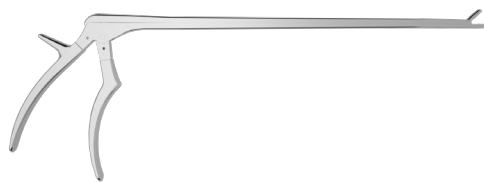
ANGLED PITUITARY - 5X325MM - LEFT MNZ-S1SS11005S



ANGLED PITUITARY - 3X325MM - RIGHT MNZ-S1SS12003S

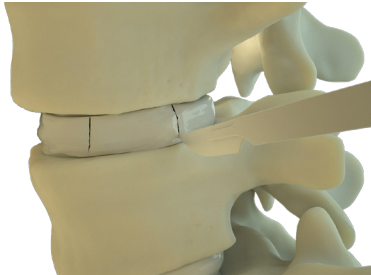


ANGLED PITUITARY - 5X325MM - RIGHT MNZ-S1SS12005S



LLIF SURGICAL TECHNIQUE

1 —



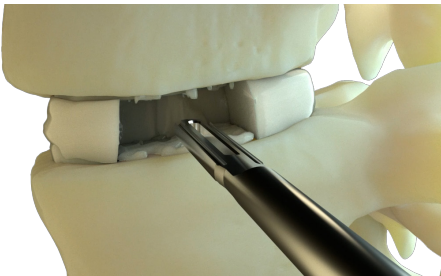
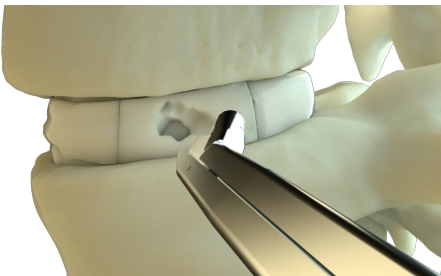
Disc space preparation

After identifying the implant site, perform resection of the affected anatomic portion via lateral access. With appropriate divarication instrumentation then reach the disc.

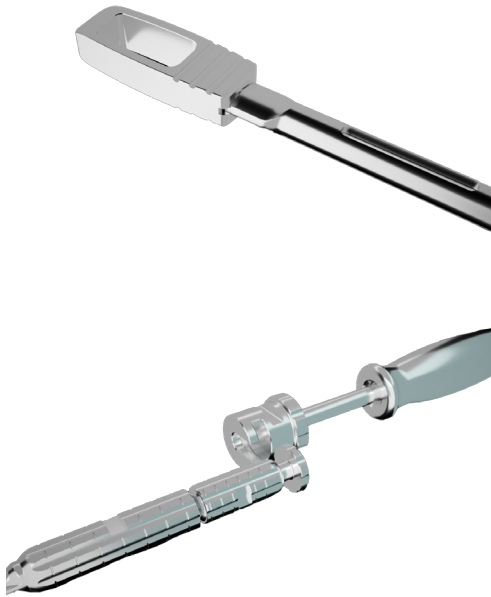
Once the disc is reached then proceed with incision using scalpel. Then proceed with discectomy using disc forceps and/or Kerrison. Disc forceps are also available angled to accommodate the L4-L5 disc preparation as well.

Then create the appropriate space for cage insertion by spacing the disc plates with blunt spreaders and sharp shavers, starting with the smallest height and increasing to the desired height.

Then complete the preparation of the disc space by going to clean the plates well with the Coob, bracket, and rasp. All of these tools have the ability to attach to the beat mass to be removed.



2 —



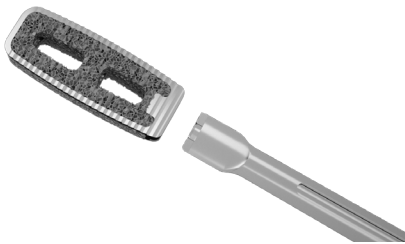
Cage selection

Then proceed to insert the proof inside the disc, starting with the smallest height measurement until the desired height is reached.

The proofs are mounted on the holder ensuring assembly by turning the ring nut on the handle clockwise and are available in both flat and lordotic versions. The proofs can be removed from the disc space by connecting the beat mass to the holder.

NOTE: Trials have markers visible under scopes to correctly choose the length of the final implant. The most proximal marker indicates the length 40 mm and the markers are 5 mm apart. The trial is 55 mm long in its entirety.

3 —



Preparation of cages

Mount the cages on the holder, ensuring assembly by turning the ring nut on the handle clockwise. Introduce the bone graft inside the implant hole.

4 —



Insertion of cages

Then insert the cages inside the disc space to the desired depth. If you are not satisfied with the position achieved, you can connect the impactor directly to the 'holder and remove the cage.

Once the desired depth and position has been reached, unscrew the ring nut and remove the holder.

5 —

Cage removal

Screw the extractor inside the hole of the cage. Screw the distal part of the extractor to the impactor and proceed to extract the cage.

LLIF CAGE	18X40	DA H7 A H14
	18X45	DA H7 A H14
	18X50	DA H7 A H14
	18X55	DA H7 A H14
LLIF CAGE LORDOTIC- 10°	18X40	DA H7 A H14
	18X45	DA H7 A H14
	18X50	DA H7 A H14
	18X55	DA H7 A H14

misano 

monza 

evo 

dixi 

recon-i 

rally 



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