

LP™ Cage

POSTERIOR INTERBODY FUSION CAGE (PLIF)



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Introduction

LP™ Cage is spacers used for interbody fusion designed for posterior lumbar interbody fusion (PLIF).

- Provide Stability
- Restore Disc Height
- Restore Lordosis
- Preserve the Integrity of the Vertebral Body Endplates
- Provide an Optimized Fusion Environment

LP™ Cage

PLIF PEEK Cage



Bullet Type

Indications

LP™ Cage is used for lumbar and lumbosacral degenerative pathologies.

- Degenerative Disc Diseases and Instabilities
- Degenerative Spondylolisthesis
- Isthmic Spondylolisthesis
- Pseudoarthrosis or Failed Spondylodesis

Additional posterior fixation with a pedicle screw system is required.

Contraindications

- Severe Osteoporosis
- Unstable Burst Fractures and Compression Fractures
- Destructive Tumors
- Involvement of 3 or More Levels
- Acute Infections
- Extensive Peridural Scarring

LP™ Cage Competitive Advantage

Minimized Risk of Dural Violation

The LP™ Cage rounded edge design accommodates ease of insertion and minimizes risk of damaging dura and nerve roots.

Radiolucency

The PEEK Optima® material facilitates radiographic assessment of fusion.

LP™ Cage has two radiographic markers that help surgeon identify the position of the cage in the disc space via X-Ray during the intra-operative procedure. These markers are made of Tantalum. Tantalum is a radiolucent material that can be easily identified on X-Rays or any other radiographic device, i.e. C-Arms

Stability and Optimal Fit

LP™ Cage is designed for an optimal fit into the natural concavity between two adjacent vertebral bodies.

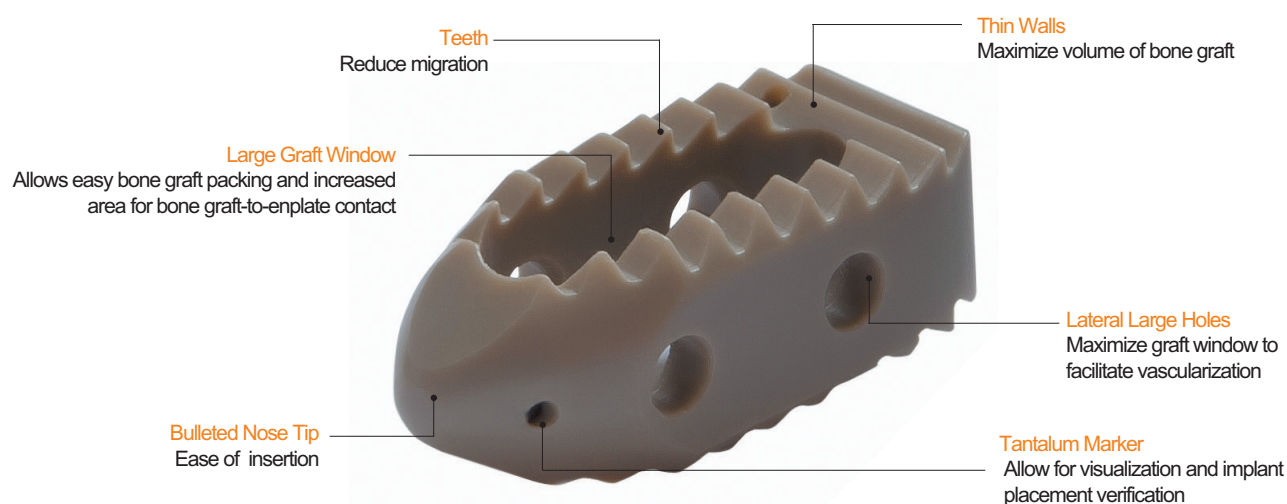
Teeth on the superior and inferior surfaces provide initial stability and reduce migration.

Enhanced Fusion

The perforated structure allows for bony ingrowth through the cage and ensures optimal implant-to-endplate contact.

Minimization of Stress Shielding

LP™ Cage has a modulus of elasticity close to that of human cortical bone, minimizing stress shielding.

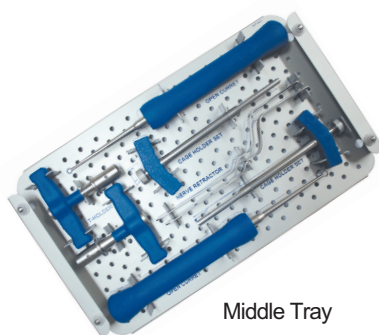


**U.S.FDA
APPROVED**

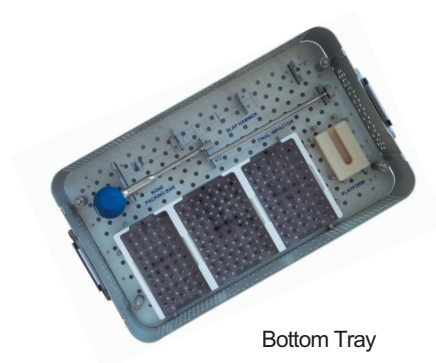
LP™ Cage & Instrument List



Top Tray



Middle Tray



Bottom Tray

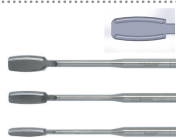


Modular T-Holder NGTH-001

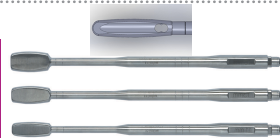


Open Curette
6mm Small NGOC-006
8mm Large NGOC-008

Modular Curette Available Upon Request



Modular Shavers :
7mm NGSV-107, 8mm NGSV-108
9mm NGSV-109, 10mm NGSV-110
11mm NGSV-111, 12mm NGSV-112
13mm NGSV-113, 14mm NGSV-114



Modular Distractors :
8mm NGDT-108, 9mm NGDT-109
10mm NGDT-110, 11mm NGDT-111
12mm NGDT-112, 13mm NGDT-113
14mm NGDT-114, 15mm NGDT-115



Modular Bone Rasp
8mm Small NGRS-008
10mm Large NGRS-010



Nerve Retractor
Small NGNR-S01
Large NGNR-L01

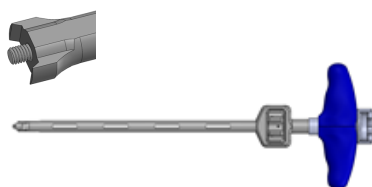


Bone Packing Bar NDBP-001



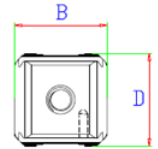
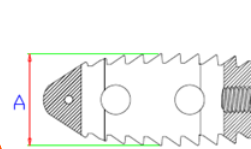
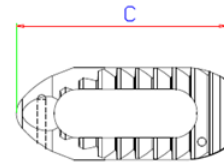
Platform NDPF-001

LP™ Cage Holder NLCH-001



- NLPE-001 IMPLANT CASE - BN Cage caddy
- NLP-002 INSTRUMENTS CASE





LP™ Cage Product List

D:Height C:Length B:Width A

(Unit : mm)

Dimension											
No.	Code	A	B	C	D	No.	Code	A	B	C	D
1	BS00822	0°	9	22	8	30	BN01325	0°	11	25	13
2	BS00922	0°	9	22	9	31	BN01425	0°	11	25	14
3	BS01022	0°	9	22	10	32	BN01525	0°	11	25	15
4	BS01122	0°	9	22	11	33	BN00827	0°	11	27	8
5	BS01222	0°	9	22	12	34	BN00927	0°	11	27	9
6	BS01322	0°	9	22	13	35	BN01027	0°	11	27	10
7	BS01422	0°	9	22	14	36	BN01127	0°	11	27	11
8	BS01522	0°	9	22	15	37	BN01227	0°	11	27	12
9	BS00825	0°	9	25	8	38	BN01327	0°	11	27	13
10	BS00925	0°	9	25	9	39	BN01427	0°	11	27	14
11	BS01025	0°	9	25	10	40	BN01527	0°	11	27	15
12	BS01125	0°	9	25	11	41	BS40922	4°	9	22	9
13	BS01225	0°	9	25	12	42	BS41022	4°	9	22	10
14	BS01325	0°	9	25	13	43	BS41122	4°	9	22	11
15	BS01425	0°	9	25	14	44	BS41222	4°	9	22	12
16	BS01525	0°	9	25	15	45	BS41322	4°	9	22	13
17	BS00827	0°	9	27	8	46	BS41422	4°	9	22	14
18	BS00927	0°	9	27	9	47	BS41522	4°	9	22	15
19	BS01027	0°	9	27	10	48	BS40925	4°	9	25	9
20	BS01127	0°	9	27	11	49	BS41025	4°	9	25	10
21	BS01227	0°	9	27	12	50	BS41125	4°	9	25	11
22	BS01327	0°	9	27	13	51	BS41225	4°	9	25	12
23	BS01427	0°	9	27	14	52	BS41325	4°	9	25	13
24	BS01527	0°	9	27	15	53	BS41425	4°	9	25	14
25	BN00825	0°	11	25	8	54	BS41525	4°	9	25	15
26	BN00925	0°	11	25	9	55	BS40927	4°	9	27	9
27	BN01025	0°	11	25	10	56	BS41027	4°	9	27	10
28	BN01125	0°	11	25	11	57	BS41127	4°	9	27	11
29	BN01225	0°	11	25	12	58	BS41227	4°	9	27	12

Other Sizes Available Upon Request as Special Order

(Unit : mm)

Dimension											
No.	Code	A	B	C	D	No.	Code	A	B	C	D
59	BS41327	4°	9	27	13	83	BS81125	8°	9	25	11
60	BS41427	4°	9	27	14	84	BS81225	8°	9	25	12
61	BS41527	4°	9	27	15	85	BS81325	8°	9	25	13
62	BN40925	4°	11	25	9	86	BS81425	8°	9	25	14
63	BN41025	4°	11	25	10	87	BS81525	8°	9	25	15
64	BN41125	4°	11	25	11	88	BS81027	8°	9	27	10
65	BN41225	4°	11	25	12	89	BS81127	8°	9	27	11
66	BN41325	4°	11	25	13	90	BS81227	8°	9	27	12
67	BN41425	4°	11	25	14	91	BS81327	8°	9	27	13
68	BN41525	4°	11	25	15	92	BS81427	8°	9	27	14
69	BN40927	4°	11	27	9	93	BS81527	8°	9	27	15
70	BN41027	4°	11	27	10	94	BN81025	8°	11	25	10
71	BN41127	4°	11	27	11	95	BN81125	8°	11	25	11
72	BN41227	4°	11	27	12	96	BN81225	8°	11	25	12
73	BN41327	4°	11	27	13	97	BN81325	8°	11	25	13
74	BN41427	4°	11	27	14	98	BN81425	8°	11	25	14
75	BN41527	4°	11	27	15	99	BN81525	8°	11	25	15
76	BS81022	8°	9	22	10	100	BN81027	8°	11	27	10
77	BS81122	8°	9	22	11	101	BN81127	8°	11	27	11
78	BS81222	8°	9	22	12	102	BN81227	8°	11	27	12
79	BS81322	8°	9	22	13	103	BN81327	8°	11	27	13
80	BS81422	8°	9	22	14	104	BN81427	8°	11	27	14
81	BS81522	8°	9	22	15	105	BN81527	8°	11	27	15
82	BS81025	8°	9	25	10						

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