

NeolC™

PEEK CERVICAL CAGE





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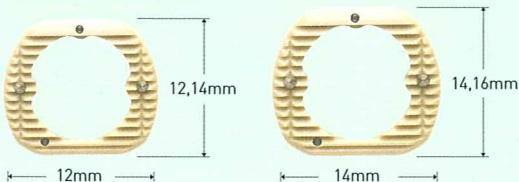
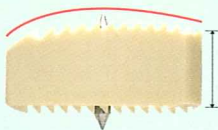
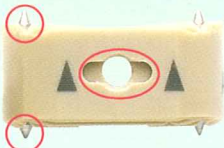
- Serrated spikes on superior and inferior surfaces of PEEK Cervical Cage provide the high stabilization in the cervical spine.
- Two titanium marker pins aid the radiographic visualization.
- The PEEK Cervical Cages have reserving a space enhances the better bone graft environment.
- Autogenous bone graft and biologics are packed into the hollow geometry.
- The PEEK Cervical Cages is available in height from 5 to 10 mm.
- Depth and width of PEEK Cervical Cage is 12x12, 12x14, 14x14, and 14x16 mm.

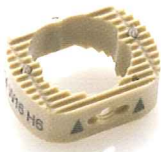
PURPOSE

The NeolC™ PEEK Cervical Cage is indicated for anterior cervical interbody fusion procedures in skeletally mature patients with cervical disc disease at one level from the C2-C3 disc to the C7-T1 disc. This system is indicated for single-level use only in the cervical and thoracic anterior spine.

IMPLANTS

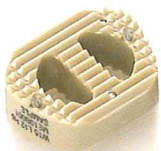
DESIGN RATIONALE

Depth - Width & Marker	Convex & Height	Fin & Edge & Thread
	 <p>Height : 5, 6, 7, 8, 9, 10mm Lordosis angle : 3°</p>	 <p>Stabilizing fin : Ø1.2 / 1mm</p>



STANDARD TYPE

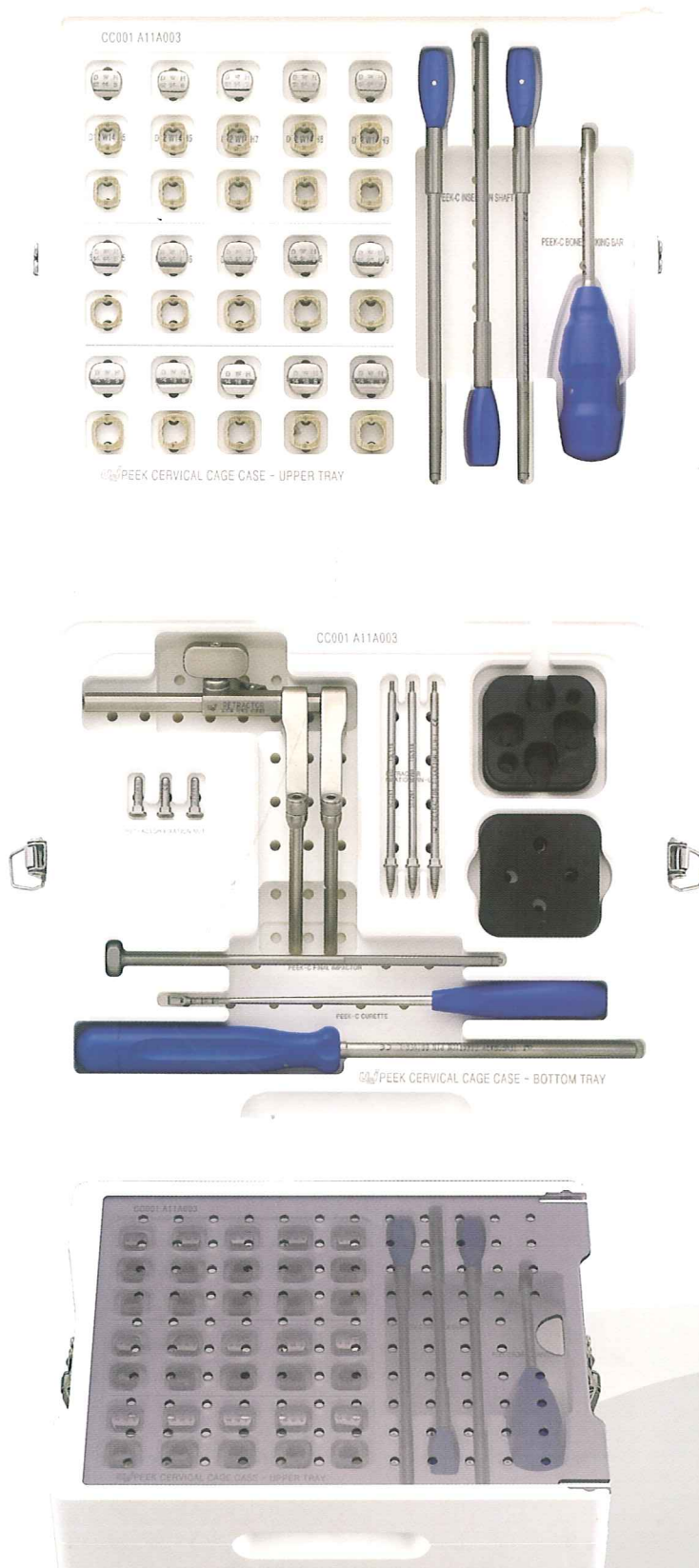
HEIGHT(mm)						
DepthxWidth (mm)	5	6	7	8	9	10
12x12	CCA1105-S	CCA1106-S	CCA1107-S	CCA1108-S	CCA1109-S	CCA1110-S
12x14	CCA1205-S	CCA1206-S	CCA1207-S	CCA1208-S	CCA1209-S	CCA1210-S
14x14	CCA2205-S	CCA2206-S	CCA2207-S	CCA2208-S	CCA2209-S	CCA2210-S
14x16	CCA2305-S	CCA2306-S	CCA2307-S	CCA2308-S	CCA2309-S	CCA2310-S



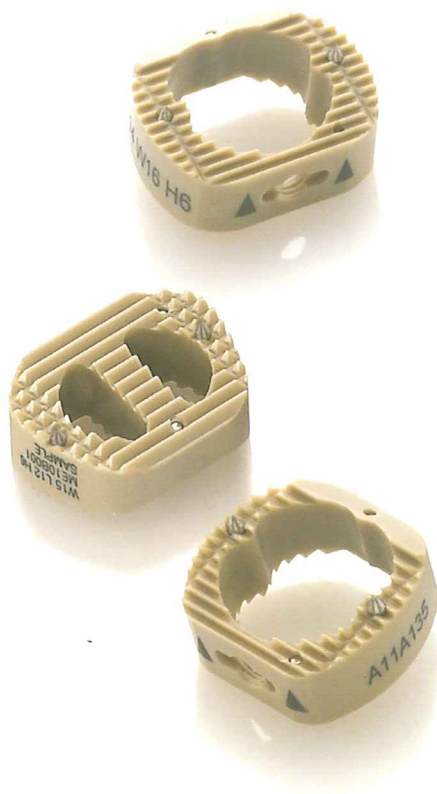
BRIDGE TYPE

HEIGHT(mm)						
DepthxWidth (mm)	5	6	7	8	9	10
12x12	CCA1105-B	CCA1106-B	CCA1107-B	CCA1108-B	CCA1109-B	CCA1110-B
12x14	CCA1205-B	CCA1206-B	CCA1207-B	CCA1208-B	CCA1209-B	CCA1210-B
14x14	CCA2205-B	CCA2206-B	CCA2207-B	CCA2208-B	CCA2209-B	CCA2210-B
14x16	CCA2305-B	CCA2306-B	CCA2307-B	CCA2308-B	CCA2309-B	CCA2310-B

INSTRUMENTS



No.	Part No.	Article	Q'ty
1	CC0901	PEEK-C INSERTION SHAFT	3EA
2	CC0903	PEEK-C FINAL IMPACTOR	1EA
3	SC7230	RETRACTOR	1EA
4	SC7171	TEMPORARY FIXATION PIN DRIVER-L	1EA
5	SC7261	RETRACTOR FIXATION PIN-L	3EA
6	SC7262	RETRACTOR FIXATION NUT	3EA
7	CC1205-T	PEEK-C TRIAL-D12XW14X H5	1EA
8	CC1206-T	PEEK-C TRIAL-D12XW14X H6	1EA
9	CC1207-T	PEEK-C TRIAL-D12XW14X H7	1EA
10	CC1208-T	PEEK-C TRIAL-D12XW14X H8	1EA
11	CC1209-T	PEEK-C TRIAL-D12XW14X H9	1EA
12	CC2205-T	PEEK-C TRIAL-D14XW14X H5	1EA
13	CC2206-T	PEEK-C TRIAL-D14XW14X H6	1EA
14	CC2207-T	PEEK-C TRIAL-D14XW14X H7	1EA
15	CC2208-T	PEEK-C TRIAL-D14XW14X H8	1EA
16	CC2209-T	PEEK-C TRIAL-D14XW14X H9	1EA
17	CC2305-T	PEEK-C TRIAL-D14XW16X H5	1EA
18	CC2306-T	PEEK-C TRIAL-D14XW16X H6	1EA
19	CC2307-T	PEEK-C TRIAL-D14XW16X H7	1EA
20	CC2308-T	PEEK-C TRIAL-D14XW16X H8	1EA
21	CC2309-T	PEEK-C TRIAL-D14XW16X H9	1EA
22	CC0932	PEEK-C BONE PACKING BAR	1EA
23	CC0931	PEEK-C PACKING PLATFORM	1EA
24	CC0306	PEEK-C CURETTE	1EA
25	CC001	PEEK CERVICAL CAGE CASE	1SET



DESCRIPTION

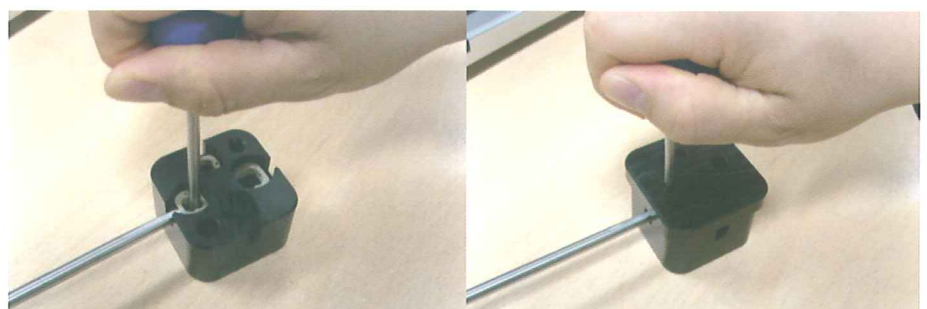
The NeolC™ PEEK Cervical Cage is comprised of two types of implant, "O-ring" and "Bridge". This device is intended to be radiolucent and the interior space of the product is to be used with autograft or bone graft substitutes. The NeolC™ PEEK Cervical Cage is available in several sizes with implant selection based on each individual clinical case.

MATERIALS

The NeolC™ PEEK Cervical Cage implant is manufactured from PEEK-OPTIMA LT1 (ASTM F2026) and two radiopaque markers are made of Ti6Al4V ELI (ASTM F136), a titanium-based alloy.

INDICATION

The NeolC™ PEEK Cervical Cage is indicated for anterior cervical interbody fusion procedures in skeletally mature patients with cervical disc disease at one level from the C2-C3 disc to the C7-T1 disc. Cervical disc disease is defined as intractable radiculopathy and/or myelopathy with herniated disc and/or osteophyte formation on posterior vertebral endplates producing symptomatic nerve root and/or spinal cord compression confirmed by radiographic studies. The NeolC™ PEEK Cervical Cage implants are to be used with autograft or bone graft substitutes and implanted via an open, anterior approach. This cervical device is to be used in patients who have had six weeks of non-operative treatment.





U&I CORPORATION

KFDA **CE**
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Approved by KFDA, CE

www.youic.com

529-1, Yonghyun-dong, Uijeongbu-si, Gyeonggi-do, Korea 480-050

Phone +82 31 852 0102

Fax +82 31 852 9025

E-mail information@youic.com