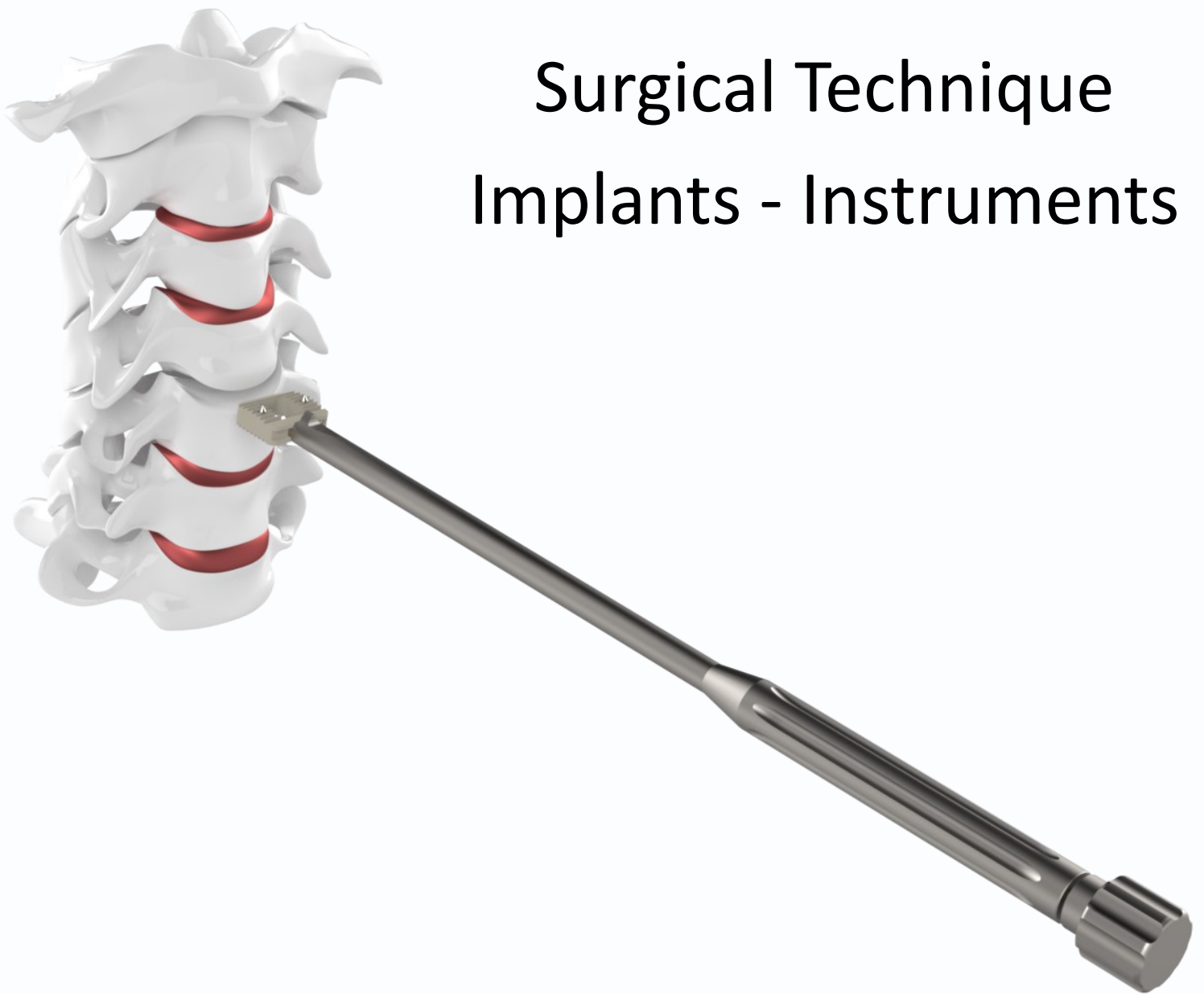
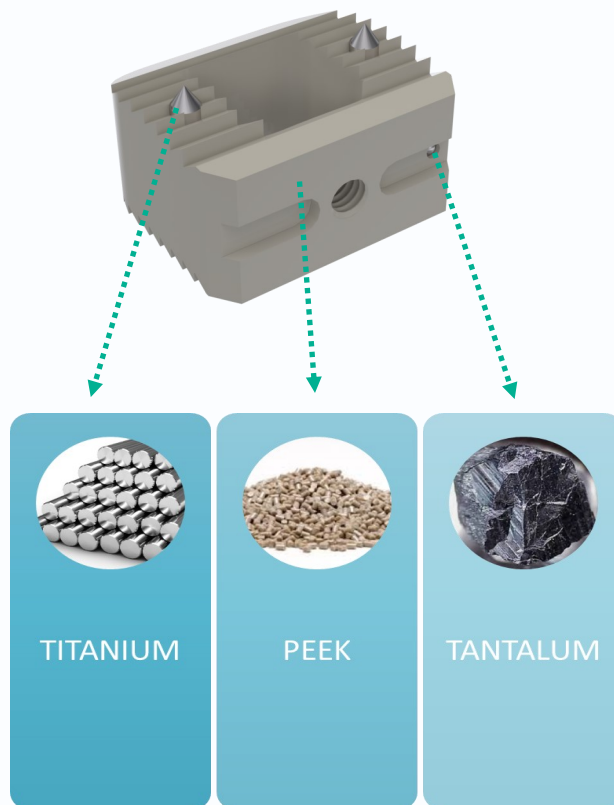


BIA

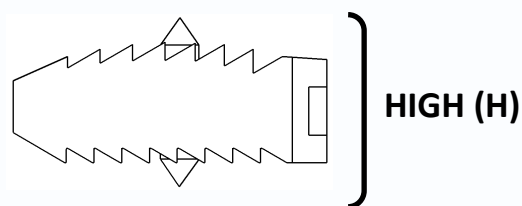
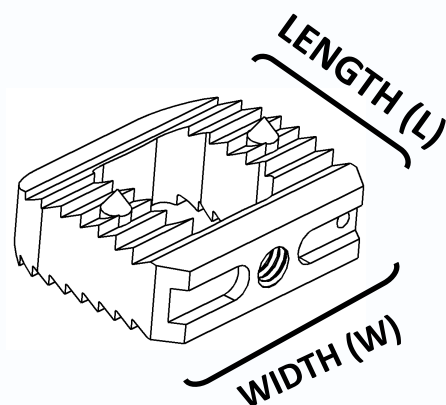
ANTERIOR CERVICAL PEEK CAGE

Surgical Technique Implants - Instruments





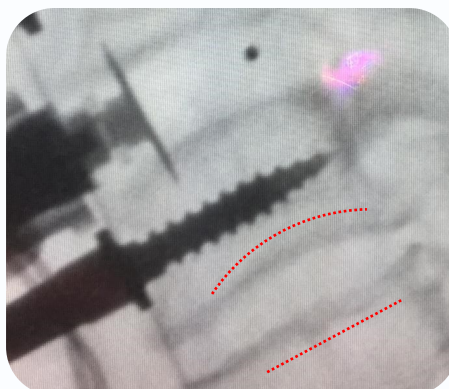
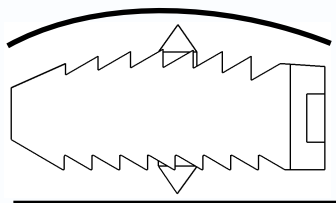
MEASUREMENT TABLE



12 L X 14 W mm	14 L X 16 W mm
H4	H4
H5	H5
H6	H6
H7	H7
H8	H8

Anatomical Design

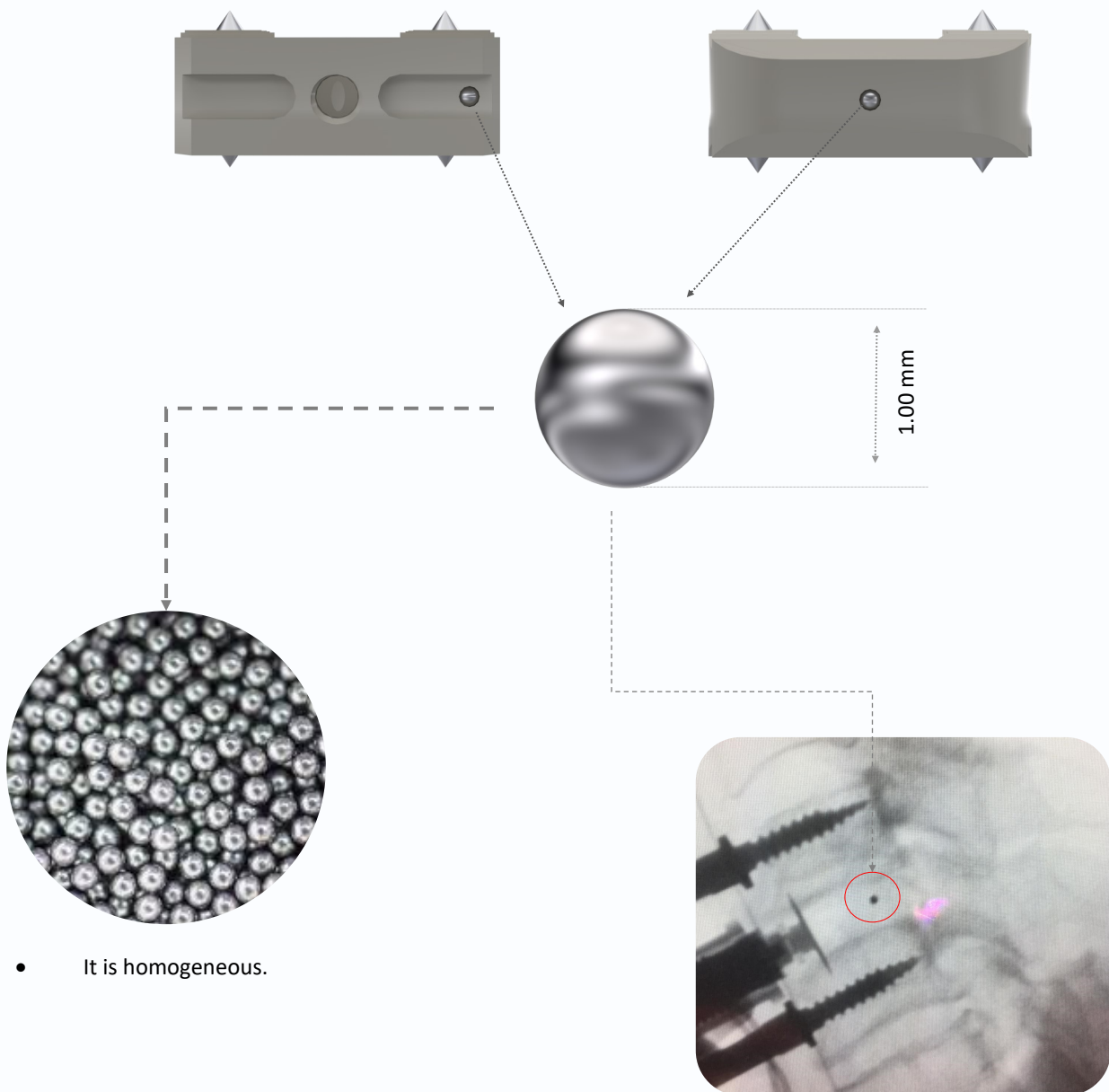
ANATOMIC ANGLE



The implant has an anatomical structure. Therefore, the compatibility with the vertebrae is very good.

Tantalum Balls

Tantalum balls are comfortable to place on the implant. It is quite safe. Bio compliance is documented by certificate. There is no need to take any action on it. It is placed in the implant as supplied. It provides the same size and the same standard marking for each implant.



- It is homogeneous.

- Tantalum balls provide optimal visualization of the implant position under the X-ray.

BIA PRE-IMPLANT PREPARATION

Discectomy

With proper surgical technique, the area where the implant will be placed is cleaned from the discs and the appropriate area for the implant is prepared.



Bia Awl



After the necessary surgical preparations and procedures are performed, an access hole is opened to send the screw with the Bia Awl.



Bia Caspar Pin Driver-Caspar Pin

The pins may be selected to widen interbody disc space. If possible, drive 2 pins into the middle of superior and inferior vertebrae in each using Bia Pin Driver .



Bia Caspar Distractor-Caspar Pin

It is recommended that pins should be driven at least 5.00mm a part from the endplates. Then put the 2 holes of Casper retractor into the pins driven into the vertebra. The disc space can be prepared by turning the knob prior to discectomy



Size	Reference Number
Bia Caspar Pin Ø 2,8 x 12	CAS-PIN-2812
Bia Caspar Pin Ø 2,8 x 14	CAS-PIN-2814
Bia Caspar Pin Ø 2,8 x 16	CAS-PIN-2816
Bia Caspar Pin Ø 3,3 x 12	CAS-PIN-3312
Bia Caspar Pin Ø 3,3 x 14	CAS-PIN-3314
Bia Caspar Pin Ø 3,3 x 16	CAS-PIN-3316

IMPLANT SELECTION



The Bia Trial Cage is designed for use with prosthesis holder in any cervical instrument. Starting with the smallest trial, sequentially larger trials are tamped completely into the disc space. The most satisfying trial that fits to the disc space are selected. Successful trial selection confirms parallel endplate preparation. The trial should fit and produce a tight fit in the disc space. If this is not possible, a larger trial should be attempted, or the end plates should be more adequately prepared, or both .



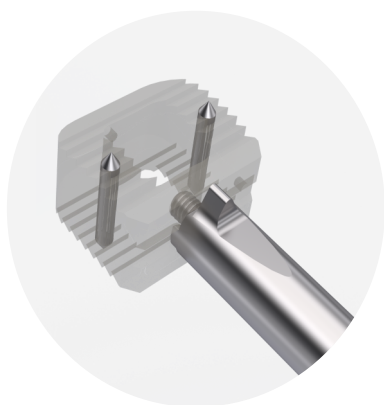
TRIAL MEASUREMENT TABLE

12 L X 14 W mm	14 L X 16 W mm
H4	H4
H5	H5
H6	H6
H7	H7
H8	H8

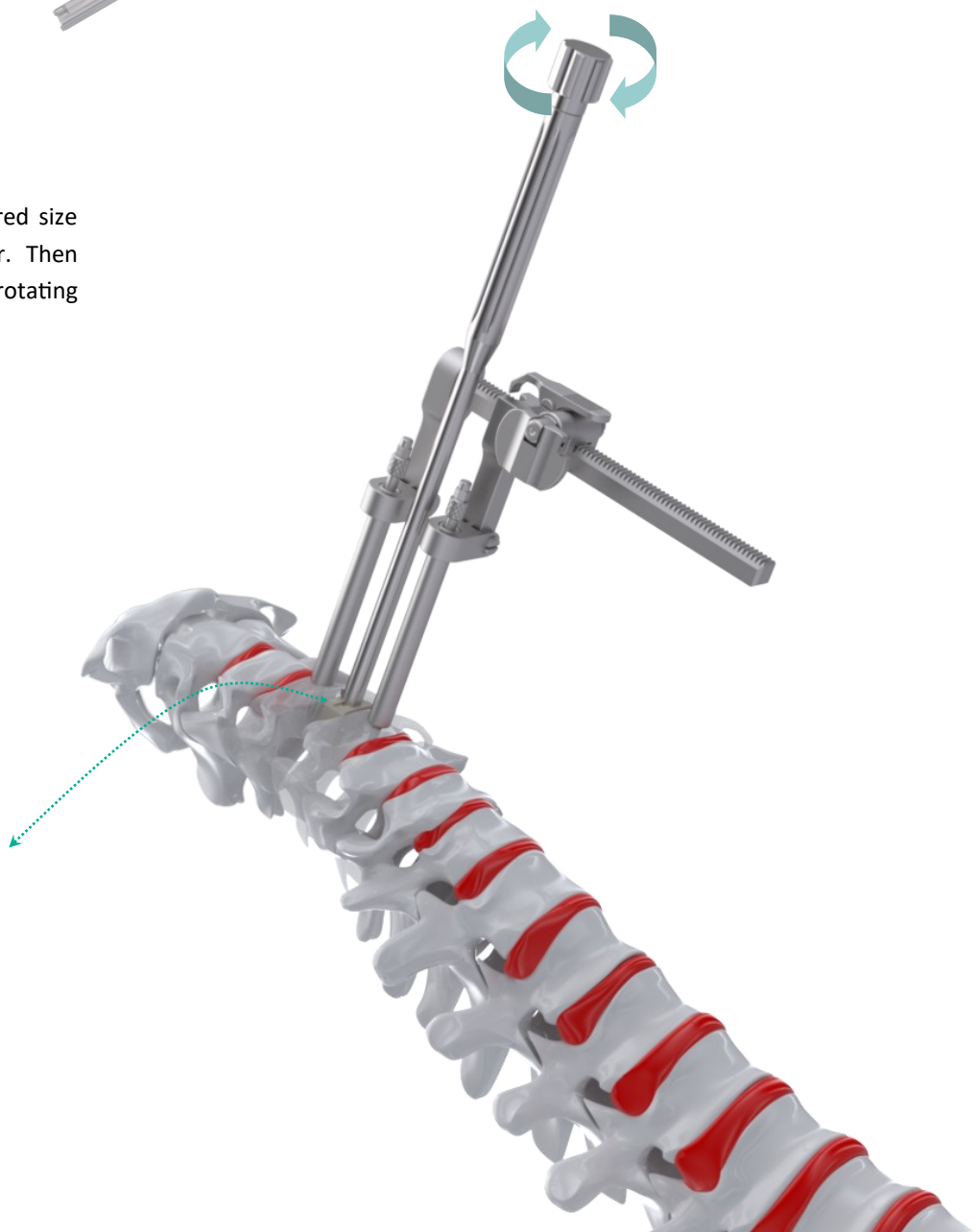
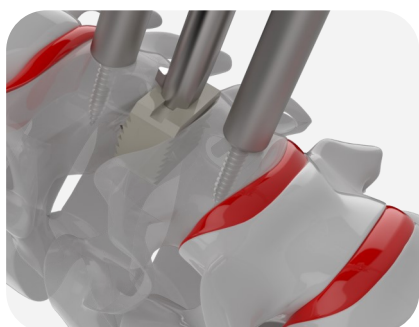


IMPLANT INSERTION

Implant Inserter



Cage is placed to disk space made up in required size before for implementation process via caspar. Then inserter is separated from cage placed to bone, rotating top side of it counter clock wise.



Bia Free Impactor - Bia Hammer

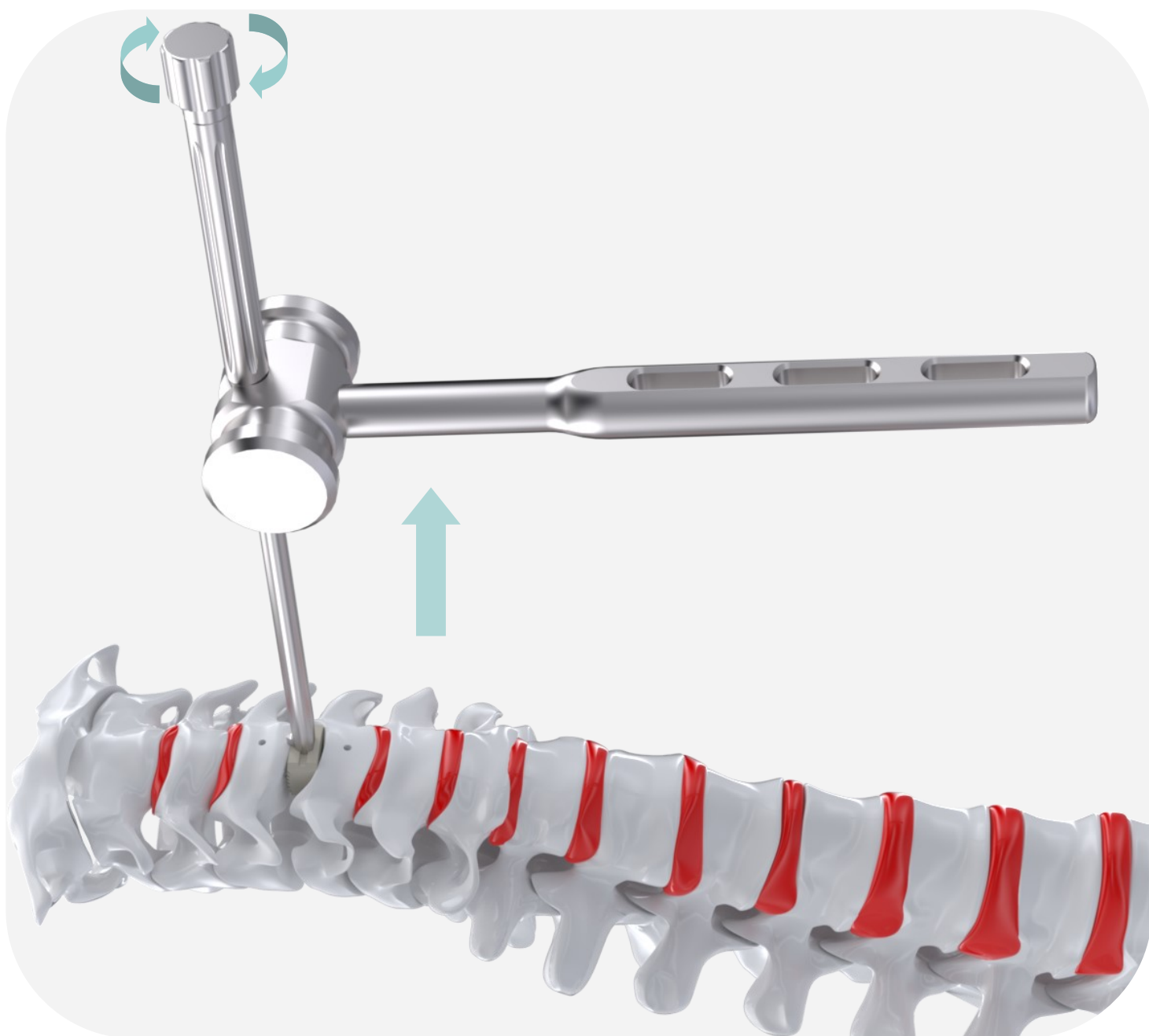
Position the implant and holder in the correct cranial/caudal alignment and carefully insert them into the distracted segment. The Cervical Cage is impacted using the mallet or Bia hammer while distraction of the interbody space is maintained. Release the caspar retractor and remove all instruments.



BIA IMPLANT REMOVAL

Bia Implant Inserter-Bia Hammer

This procedure is reverse of the implantation process. Fixed the impactor to the implant. Turn the handle on the impactor 90 degree counter clockwise in a controlled manner. When the handle becomes vertical with the vertical axis, the cage is pulled backwards.





Bia Cervical Awl Shaft-(A0)
(555-CAWS)



Bia Straight Handle (A0)
(H170M-A0)



Bia Caspar Pin Driver (A0)
(CAS-PD-4603)



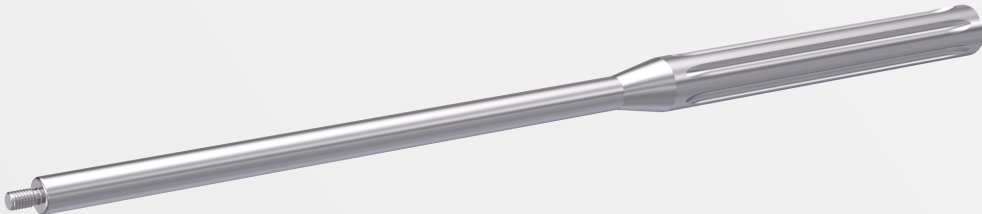
Bia Caspar Pin



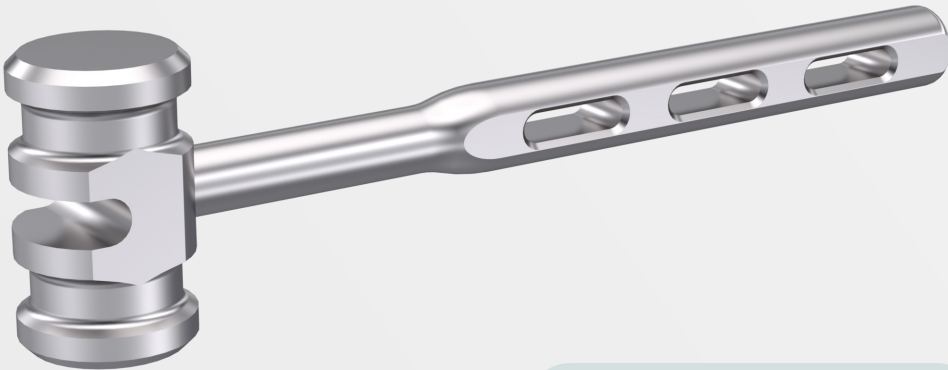
Bia Caspar Distraction
CAS-DISR-4604



Bia Cervical Cage Inserter
(BIA-IMPI-4601)



Bia Trial Inserter
(BIA-TI-4602)



Bia Hammer
(111-HM)

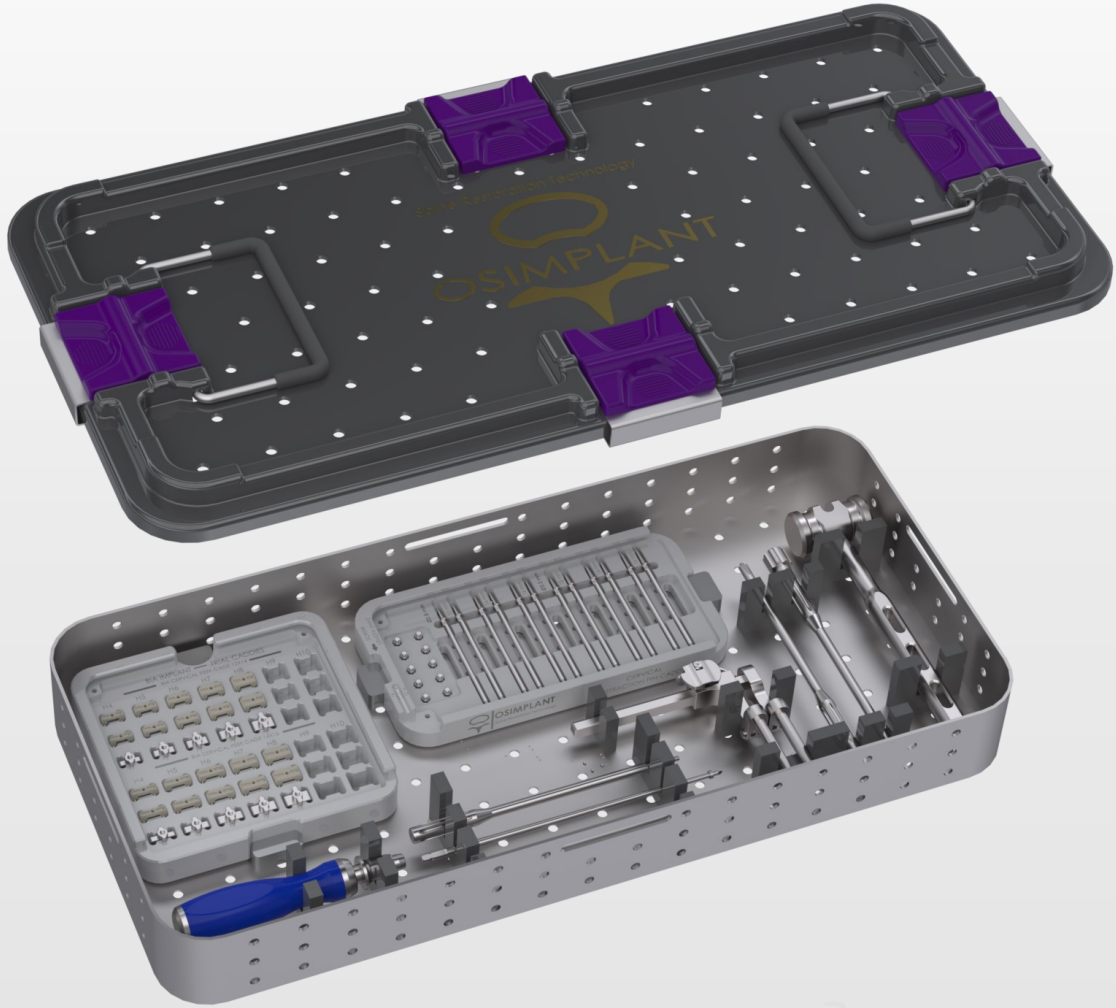
Description	Reference Number
Bia Cervical Awl Shaft	BIA-TR24-4604
Bia Straight Handle	BIA-TR24-4605
Bia Caspar Pin Driver	BIA-TR24-4606
Bia Caspar Distraction	BIA-TR24-4608
Bia Cervical Cage Inserter	BIA-IMPI-4601
Bia Trial Inserter	BIA-TI-4602
Bia Hammer	111-HM

Caddies



<u>Description</u>	<u>Size</u>	<u>Height</u>	<u>Reference Number</u>
Bia Cervical Peek Cage	12x14	H4	BOSCC412
Bia Cervical Peek Cage	12x14	H5	BOSCC512
Bia Cervical Peek Cage	12x14	H6	BOSCC612
Bia Cervical Peek Cage	12x14	H7	BOSCC712
Bia Cervical Peek Cage	12x14	H8	BOSCC812
Bia Cervical Peek Cage	14X16	H4	BOSCC414
Bia Cervical Peek Cage	14X16	H5	BOSCC514
Bia Cervical Peek Cage	14X16	H6	BOSCC614
Bia Cervical Peek Cage	14X16	H7	BOSCC714
Bia Cervical Peek Cage	14X16	H8	BOSCC814

<u>Description</u>	<u>Size</u>	<u>Height</u>	<u>Reference Number</u>
Bia Cervical Trial	12x14	H4	BIA-TR24-4604
Bia Cervical Trial	12x14	H5	BIA-TR24-4605
Bia Cervical Trial	12x14	H6	BIA-TR24-4606
Bia Cervical Trial	12x14	H7	BIA-TR24-4607
Bia Cervical Trial	12x14	H8	BIA-TR24-4608
Bia Cervical Trial	14X16	H4	BIA-TR46-4604
Bia Cervical Trial	14X16	H5	BIA-TR46-4605
Bia Cervical Trial	14X16	H6	BIA-TR46-4606
Bia Cervical Trial	14X16	H7	BIA-TR46-4607
Bia Cervical Trial	14X16	H8	BIA-TR46-4608



for more information

www.osimplant.com



HEADQUARTER

Osimplant

İlkbahar Mh., Galip Erdem Cd.
(571. Cad.) No:47, 06550

Çankaya / Ankara, Turkey

T: +(90) 312 473 82 80 – 473 22 80

F: +90 312 473 81 90

info@osimplant.com.tr

FACTORY

İkitelli O.S.B.14. Cd. Mutfakçılar
Sanayi Sitesi, 4 Blok No:47 , 34490

Başakşehir / İstanbul, Turkey

T: +(90) 212 485 40 32 - 33

F: +(90) 212 485 40 34

info@bonimplant.com.tr