

## Surgical Technique

### 1. Preoperative Preparation

- 1) Check if the original packing of the product has been ever unpacked when supplied.
- 2) Check if the look of the product is non-conformed and indication of its size.
- 3) Sterilize by the autoclaving procedure regularly used in the hospital.
- 4) Sterilization should be performed with recommended method to achieve a degree of sterility equal to at least SAL10<sup>-6</sup>.
- 5) Recommended method : Steam, Wrapped Gravity cycle at 134°C(273.2°F) for 15 minutes. Any other procedure is the sole responsibility of the user and SeohanCare Co., Ltd. declines all responsibility.

Temperature	134°C
Exposure time	Over 15min

## 2. Surgical Procedure

- 1) This product should be used and performed by a properly trained professional.
- 2) Place and arrange the sterilized product and instruments on a tray for the performer to use easily.



- 3) Perform a skin incision approximately 5cm up and down around the surgical area with the patient in a general anesthesia state on a prone position. Then, separate the muscles around the spine from the spinous process and lamina while preserving the processus spinous and the interspinous ligament.

- 4) Remove the yellow ligament after removing some of lamina and zygapophysis using chisel and drill.

- 5) Use the retractor to secure the sight of the diseased vertebral body.



- 6) Use the shaver to remove the diseased disc.



- 7) Use the shaver to remove the diseased disc.



- 8) Check the implant cage with the right size from previous procedure and fill the perforated space in the cage with the autogenous bone from the decompression or substitution material.



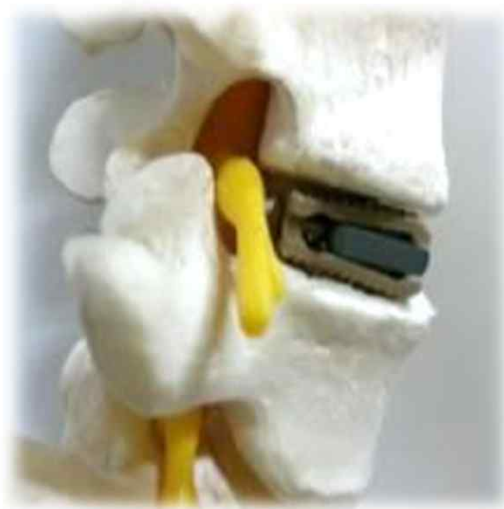
- 9) Use the sheath and holder to insert the implant on a area where the disc was removed.



- 10) Inflate the anterior chamber angle of the inserted implant about 6° by advancing the slide bar using the hex wrench.



- 11) Remove the instruments used to insert and position the implant and stitch up the surgical area.



- 12) Re-use of this product is prohibited.