

Transforaminal Lumbar Interbody Fusion Cage



Radiotranslucent

PEEK material provides radiotranslucent for follow-up with the post operation fusion status.

Wide Angulation Bullet Shape

Fits the anatomical shape of the interbody area and makes it easier for impaction with the bullet tip.

Full Range Size

1 mm increment provides users with more specific choices of cages.

Transforaminal Lumbar Interbody Fusion Cage

Device Description

The ReBorn Essence Transforaminal Lumbar Interbody Fusion Cage is designed for the treatments in spinal diseases. This system is designed to maintain the disc height and promote the fusion of the lumbar spine. Please refer to the use of indication stated in the manual of the ReBorn Essence Transforaminal Lumbar Interbody Fusion Cage.

The ReBorn Essence Transforaminal Lumbar Interbody Fusion Cage is not intended to be used with other systems of Transforaminal Lumbar Interbody Fusion cage.

Indication

The ReBorn Essence Transforaminal Lumbar Interbody Fusion Cage is intended to treat lumbar spine instability including trauma, stenosis, foraminal stenosis, dislocation, reduction, deformities and other diseases requiring lumbar interbody fusion. The combination of the posterior stabilization is recommended.

Contraindication

In the condition which is absence or compromise of significant stabilizing elements, patients with severe osteoporosis, infection, severe metabolic bone disease, or any entity or condition that totally precludes the possibility of fusion.

In addition, some of the lifestyles of the patients will be affecting the stress on the implants and causing the failure of the implantation, such as their occupation, overweight, mental illness, alcoholism, or drug abuse.

Introduction

The ReBorn Essence Transforaminal Lumbar Interbody Fusion cage consists of the PEEK material implants. The PEEK material is known for the best biocompatibility for interbody devices. With the high purity of the material and no carbon fibers, the chance of getting inflammatory is decreased. With the same modulus as cortical bone, the chance of subsidence is decreased.

With the material, the characteristic itself provides the fusion visibility under the x-ray.

It is the optimal device for the interbody fusion.

Design Rationale

The ReBorn Essence Transforaminal Lumbar Interbody Fusion Cage is designed to restore lordosis curvature and maintain the disc height via transforaminal approach. The 1 mm teeth provide the primary stability, and the backward teeth design can prevent the cage from backing out. The wide angulation bullet shape gives users an easier impacting at the starting point. 50% of the cage is made as a window to maximize the bone fusion area.

The wide side window gives the bone fusion with a better blood flow. The titanium placement pin ensures the cage is at the right place through in-situ fluoroscopy. Millimeter increment gives users to have a precise choice when sizing.

Conclusion

ReBorn Essence Transforaminal Lumbar Interbody Fusion Cage is the easiest and most complete set in the market. With full size range, users have the choice of choosing a more precise size to fit patients' anatomy. With the advanced design, surgery becomes simple, secure, and sagacious.











ReBorn Essence PEEK Lumbar Intervertebral Cage

T-LIF PEEK Cage

REF	Dia. (mm)	Length (mm)
599-0826	8	26
599-0926	9	26
599-1026	10	26
599-1126	11	26
599-1226	12	26
599-1326	13	26
599-1426	14	26

REF	Dia. (mm)	Length (mm)
599-0830	8	30
599-0930	9	30
599-1030	10	30
599-1130	11	30
599-1230	12	30
599-1330	13	30

Tools

<p>Sliding Hammer 420-0401</p> 	<p>Shaver 420-0802L / 420-0802R</p> 	<p>Bone Graft Impactor 420-3302</p> 
<p>5mm / 8mm Dura Retractor 420-3501 / 420-3502</p> 	<p>PEEK Lumbar Implant Driver 420-1715</p> 	<p>Lumbar Final Implant Impactor 420-3303</p> 
<p>T-Handle 406-0101</p> 	<p>PEEK Lumbar Implant Driver 420-1716</p> 	<p>8mm-14mm Trial (31mm peek cage) 420-0508 ~ 420-0514</p> 
<p>7mm-13mm Shaver 420-0807 ~ 420-0813</p> 	<p>8mm-14mm Trial (27mm peek cage) 420-0408 ~ 420-0414</p> 