

# Posterior Lumbar Interbody Fusion Cage



## **Radiotranslucent**

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

## **Backward Teeth**

Decrease the chances of cage pull-out.

## **Impact then Turn**

Turn 90 degrees after implantation give the users the maximized stability after implantation.

# Posterior Lumbar Interbody Fusion Cage

## Device Description

The ReBorn Essence Posterior 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 Posterior Lumbar Interbody Fusion Cage. The ReBorn Essence Posterior Lumbar Interbody Fusion Cage is not intended to be used with other systems of posterior lumbar interbody fusion cage.

## Indication

The ReBorn Essence Posterior Lumbar Interbody Fusion Cage is intended to treat lumbar spine instability including trauma, stenosis, dislocation, reduction, deformities and other diseases requiring lumbar interbody fusion. The combination of 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 Posterior Lumbar Interbody Fusion Cage consists of PEEK material implants. The PEEK material is known for the best biocompatibility for the 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 Posterior Lumbar Interbody Fusion Cage is designed to restore lordosis curvature and maintain the disc height. The 1 mm teeth provide primary stability, and the backward teeth design can prevent the cage from backing-out.

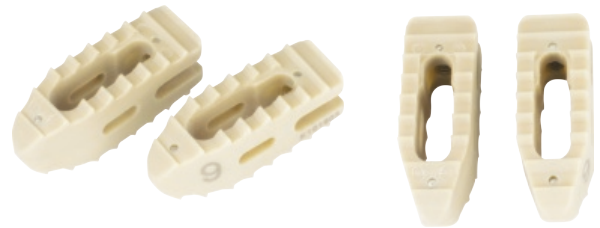
The bullet shape gives users an easier impacting at starting point. 40% of the cage is made as a window to maximize the bone fusion area. The side window gives the bone fusion a better blood flow. Titanium placement pin ensures the cage is at the right place through fluoroscopy.

The impact and turn design makes minimal invasive system possible in surgeries.

## ReBorn Essence PEEK Lumbar Intervertebral Cage

### P-LIF PEEK Cage

REF	Dia. (mm)	Length (mm)
599-0824	8	24
599-0924	9	24
599-1024	10	24
599-1124	11	24
599-1224	12	24
599-1324	13	24
599-1424	14	24



### Tools

PEEK Lumbar #8~#10 Implant Driver  
**420-1714**



PEEK Lumbar Implant Driver  
**420-1715**



5mm / 8mm Dura Retractor  
**420-3501 / 420-3502**



Bone Graft Impactor  
**420-3302**



Lumbar Final Implant Impactor  
**420-3303**



T-Handle  
**406-0101**



8mm - 14mm Distractor  
**420-1608 ~ 420-1614**



8mm - 14mm Trial  
**420-0608 ~ 420-0614**



8mm - 14mm Shaver  
**420-0708 ~ 420-0714**

