Tritanium® PL
Posterior Lumbar Cage

Developed to minimize subsidence

Subsidence is a known risk with any lumbar interbody fusion device. In addition to bone quality, endplate preparation, and cage position within the disc space, features of the device itself can help to minimize subsidence.

Features of the Tritanium PL Cage that are designed to minimize subsidence:

- Precisely engineered material modulus
- Maximized surface area
- Optimized cage geometry
Precisely engineered material modulus

The porous nature of Tritanium gives it an elastic modulus that falls between cancellous and cortical bone, the two types of bone that form vertebral bodies.

Maximized surface area

The superior and inferior teeth of the Tritanium PL Cage have been designed to increase the total surface area of the device in contact with bone, to normalize the load transmission and minimize subsidence.

Optimized cage geometry

The Tritanium PL Cage was designed with a large central graft window and two lateral windows to reduce the overall stiffness of the cage and minimize subsidence.

References

1. Subsidence summary PROJ*42624.

A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery.

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