VariLift®-C
Stand-Alone Expandable Cervical Interbody Fusion Device
The Only FDA-Cleared Stand-Alone Cervical Device that Expands In Situ

Patented Zero-Profile Design
Expands In Situ from Conical to Wedge Shape
Stand-Alone Expandable Cervical Interbody Fusion Device

A straight-forward and anatomical solution for stand-alone cervical fusion

**True Zero Profile**

By eliminating the need for plates or screws, the zero-profile expandable VariLift-C was designed to achieve primary stability in stand-alone use in both unilateral and bilateral procedures.

The VariLift-C technique emphasizes endplate preservation, providing a solid foundation for device fixation.

**Proven Mechanical Strength**

In laboratory tests, fully expanded devices withstood dynamic and static compressive loads that greatly exceed the expected in vivo loads for stand-alone use.

**Designed to Resist Migration and Subsidence**

As the VariLift device is expanded, ridges on the superior and inferior surface grip into the vertebral endplates, providing stable primary fixation, as demonstrated in laboratory expulsion testing. This immediate postoperative stability is crucial to early ambulation and fast recovery. The VariLift-C surgical technique emphasizes minimal endplate cortical bone removal. Aggressive removal of cortical bone from the endplates is a known cause of subsidence. The wedge shape and ridged surface are designed to provide resistance to migration over time.

**Titanium Alloy**

Titanium alloy (Ti6Al4V) is a high-performance material well-known for its strength and biocompatibility for orthopedic applications. The gold standard for achieving secondary fixation in bone-contacting orthopedic applications, roughened titanium alloy has been shown to promote bony fixation.

The Material Properties of Titanium Alloy Allow the VariLift-C Device to:

- Incorporate its novel expandability feature
- Meet the biomechanical demands of stand-alone use
- Include large fenestrations and a generous bone graft chamber

**Expands In Situ**

The design allows the device to be easily inserted as a tapered wedge-shape, and then expanded in situ to open the disc space and provide immediate stability and fixation.
The stand-alone VariLift-C Expandable Interbody Fusion System is a simplified approach to cervical fixation. With a no-impact insertion procedure and an innovative anatomic design—the VariLift-C provides a true zero-profile, stand-alone solution to cervical fusion.

References


Refer to the product insert for detailed indications/contraindications, warnings/precautions and possible adverse effects. To obtain labeling limitations, surgical technique manuals, and/or more information regarding Wenzel Spine products, contact your local sales representative or Wenzel Spine customer service at 512-469-0600.