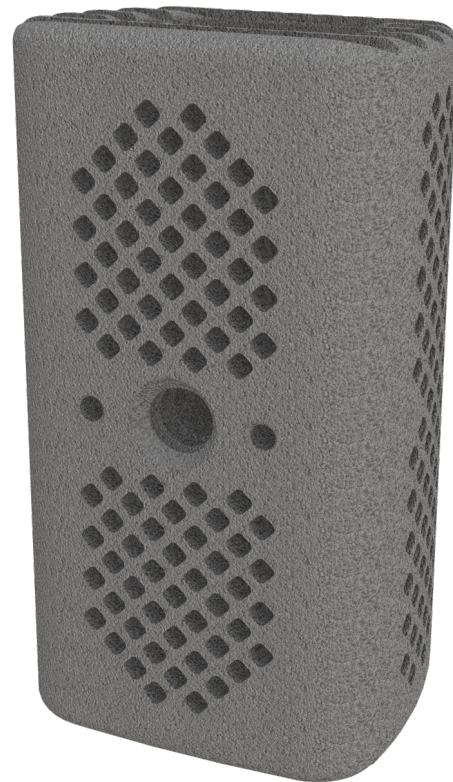


# Capri<sup>®</sup>

## Cervical 3D Static Corpectomy Cage System



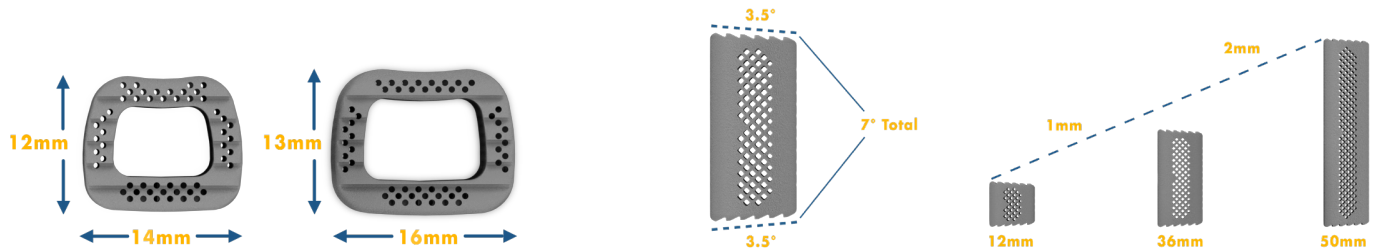
### Featuring Lamellar 3D Titanium Technology

The Capri Cervical 3D Static Corpectomy Cage System provides an innovative, 3D-printed solution for stabilization of the spine in cases of vertebral body resections resulting from trauma or tumor. Lamellar 3D Titanium Technology incorporates 300-500  $\mu\text{m}$  longitudinal channels, which in conjunction with transverse windows, create an interconnected lattice designed to allow for bony integration.<sup>1,2</sup>

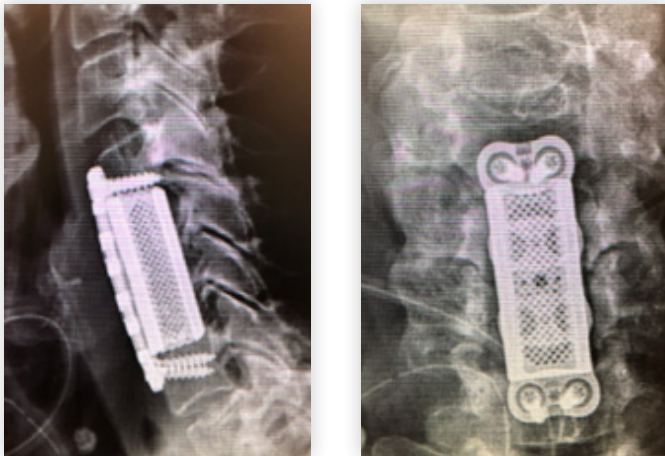
# Capri Cervical 3D Static Corpectomy Cage System

## Implant design

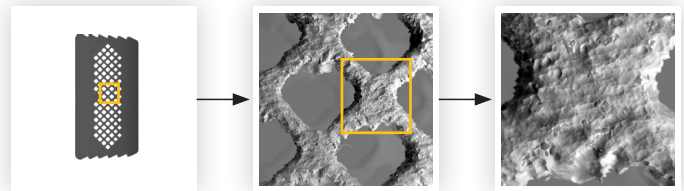
- Heights ranging from 12-36mm in 1mm increments and 38-50mm in 2mm increments
- Roughened titanium surfaces have been shown to demonstrate increased protein expression in contrast to smooth titanium surfaces<sup>3,4,5</sup>
- 7° lordotic design to match vertebral anatomy
- 12x14 and 13x16mm footprints in 12-50mm heights



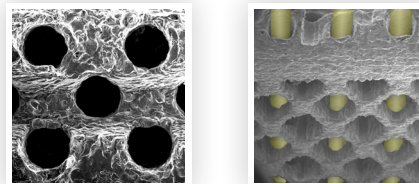
## Visualization



## Lamellar 3D Titanium Technology



3-5  $\mu\text{m}$  surface roughness to allow for direct bony ongrowth<sup>1,2</sup>



300-500  $\mu\text{m}$  longitudinal channels throughout the implant, which in conjunction with transverse windows, create an interconnected lattice designed to allow for bony integration.<sup>1,2</sup>

1. Test Report TR-1220
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3. Karande TS, Kaufmann JM, and Agrawal CM. "Chapter 3: Functions and Requirements of Synthetic Scaffolds in Tissue Engineering." *Nanotechnology and Regenerative Engineering: The Scaffold*, Second Edition. Ed. CT Laurencin and LS Nair. Boca Raton: CRC Press, 2014. Pages 63-102.
4. Bobyn JD, Pilliar RM, Cameron HU, and Weatherly GC. "The optimum pore size for the fixation of porous-surfaced metal implants by the ingrowth of bone." *Clinical Orthopaedics and Related Research* 150 (1980): 263-270.
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## Spine division

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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K2M, Inc.  
600 Hope Parkway SE  
Leesburg, VA 20175  
t: 571 919 2000

[www.stryker.com](http://www.stryker.com)