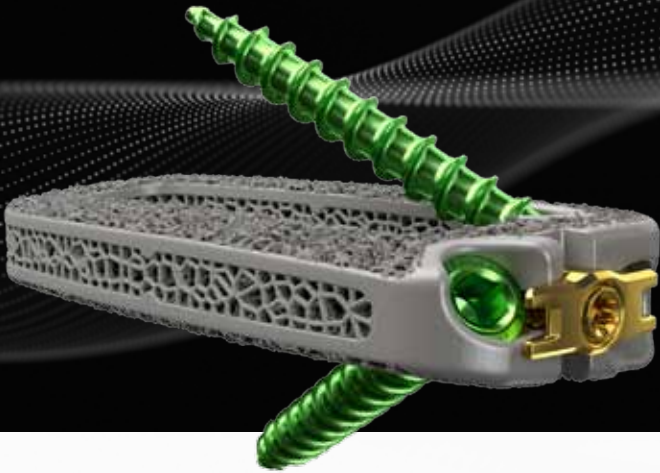


# Tesera<sup>®</sup>-KXL

Lateral Lumbar Interbody Fusion System



### REVOLUTIONARY DESIGN

Tesera<sup>®</sup>-KXL features our latest Resilience<sup>®</sup> low-modulus technology, comprising of a dual wall lattice with ~68% porosity and DUO-Texture<sup>®</sup> micro & macro surface treatment. Compatible with temporary 2 screw fixation (In Development) the Tesera<sup>®</sup>-KXL system provides surgeons with peace of mind during staged procedures.



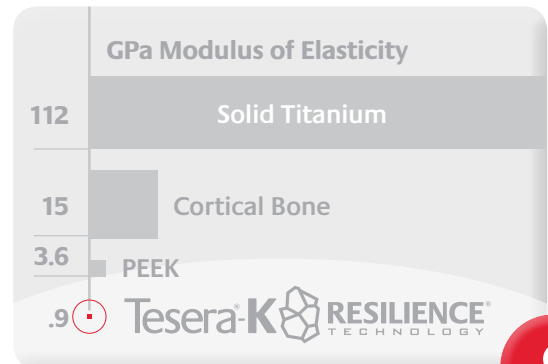
### ANGLED INSTRUMENTATION

The Tesera<sup>®</sup>-KXL system features angled instrumentation to permit access to the lateral spine in patients with high iliac crest or through an anterior to psoas approach. The innovative Omni-Angle inserter allows surgeons to use the same inserter for multiple approaches and patient positions.



### ABOUT RESILIENCE<sup>®</sup> TECHNOLOGY

Our dual-wall lattice structure allows for ultralow stiffness compared to traditional PEEK or titanium implants, reducing stress shielding and subsidence. Tesera<sup>®</sup>-K implants are 3x less stiff than PEEK, and with the modulus range of cancellous bone.



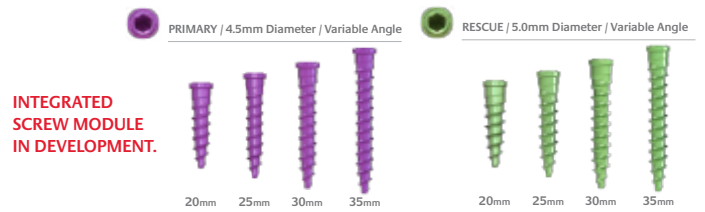
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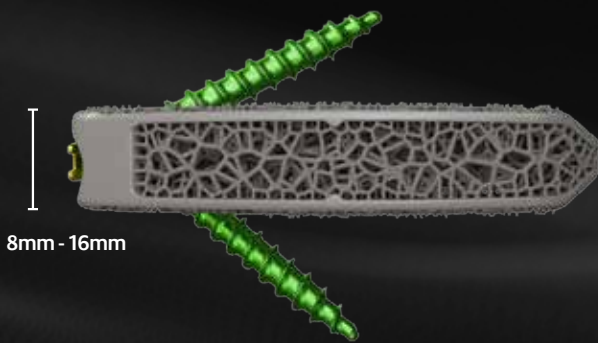
\* Average values for Tesera<sup>®</sup>-K XL. Other product data on file with Kyocera.

## FULL ARRAY OF SIZES

Tesera®KXL implants are available in 2 widths and a wide range of lengths and lordotic angles. Heights range from 8mm to 20mm. Certain heights and dual screw configurations are not compatible with each sizing option.



<b>LORDOTIC ANGLES</b>	0°	7°	12°	17°	<b>WIDTHS</b>	18mm	22mm	
<b>LENGTHS</b>	40mm	45mm	50mm	55mm	60mm			
<b>HEIGHTS</b>	8mm	10mm	12mm	14mm	16mm			*Heights up to 20mm & angles up to 22° special order



# Tesera®-KXL

- Resilience® low-modulus, load-sharing structure
- Tesera® Trabecular Porous titanium surfaces
- Angled Instrumentation to permit access in complex approaches and anatomy
- Comprehensive offering of footprints and lordotic options
- Non-standalone system requiring supplemental fixation

Time 0



12 Weeks



Figure 1: Pictured above is a 75µm section view from a weight-bearing Ovine study showing bone ingrowth into the Tesera trabecular structure at 12 weeks.<sup>1</sup>

Titanium  
 Bone  
 Fibrous Tissue  
 Pore Space

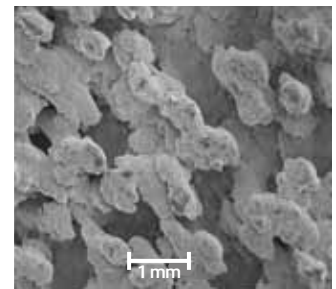


Figure 2: SEM image of the outer surface of the Tesera porous structure.<sup>2</sup>



KYOCERA Medical Technologies, Inc.  
 1289 Bryn Mawr Avenue, Suite A, Redlands, CA 92374  
 Tel: (909) 557-2360 Fax: (909) 839-6269  
[www.kyocera-medical.com](http://www.kyocera-medical.com)  
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 4073-003 Rev A - 4/2026

### References

1. Surgeries were performed at IMDS Discovery Research (Logan, Utah); processing and analysis of the specimens was conducted by the Bone and Joint Research Laboratory (Salt Lake City, Utah). Data on file with KYOCERA Medical Technologies Inc.
2. Data on file with KYOCERA Medical Technologies Inc. SEM Evaluation. Test Report K13047307-1.

\*\* The Ovine study data shown is representative of KYOCERA Medical Technologies' Electron Beam additively manufactured porous structure. Tesera®-K XL implants are manufactured using a laser sintering additively manufactured porous structure, but are representative of the Electron Beam porous structure.