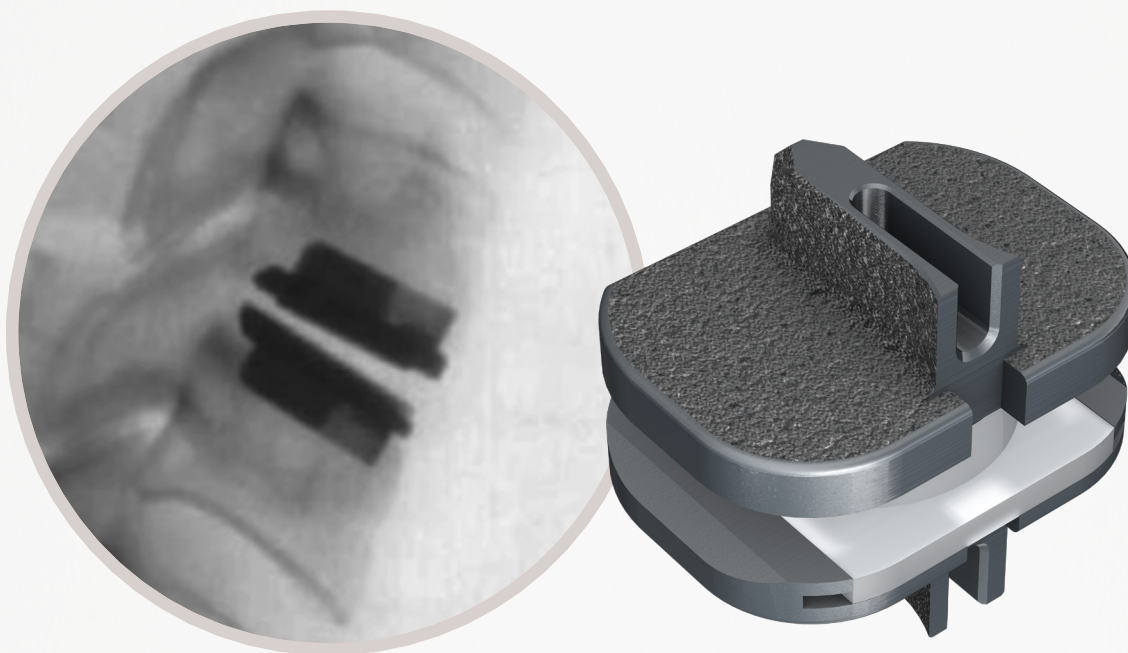


# CENTINEL SPINE®

## prodisc® C

Clinically Proven Motion Preservation for the Cervical Spine



**PROVEN**  
DESIGN

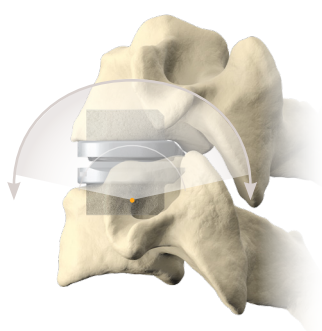
**PREDICTABLE**  
MOTION

**CLINICALLY**  
SUPPORTED



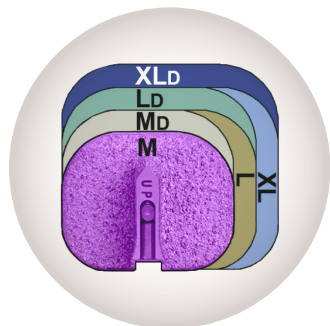
## THE MOST CLINICALLY PROVEN TOTAL DISC REPLACEMENT SYSTEM.

### PREDICTABLE MOTION



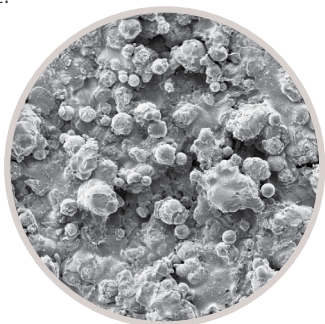
#### Fixed Center of Rotation

- Allows translation only when coupled with rotation, mimicking the natural movements of the cervical spine.
- Motion is in-line with facets, resisting shear forces.



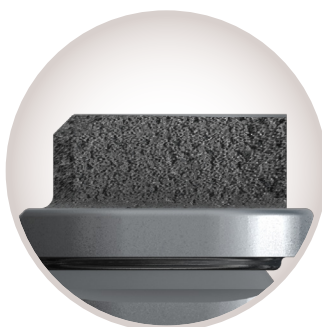
#### Anatomic Sizing

- Six footprint sizes, with depth options up to 18mm—optimizing fit.



#### Porous Titanium Surfaces

- Covers all bone contacting surfaces, promoting bony ongrowth, further securing the implant.



#### Patented Midline Keel

- Provides immediate stability in three planes
- Up to 30% more surface area<sup>3</sup> to enhance the potential for bony on-growth.



#### Ball & Socket Design

- Allows for controlled and predictable segmental motion

No other disc replacement system has been studied more: nearly 40% of all TDR papers report on **prodisc**. More published lives than for any other system with over 13,000 patients reported on in over 400 articles.<sup>1</sup>

### PROVEN DESIGN

#### RE-OPERATIONS

**4X FEWER**

at 7 years compared to ACDF with a plate & cage<sup>2</sup>

#### INCIDENCES OF ADJACENT SEGMENT DISEASE

**4X FEWER**

at 7 years compared to ACDF with a plate & cage<sup>2</sup>

### CLINICALLY SUPPORTED

- Dedicated resources and support designed to ensure optimal results as you adopt and integrate **prodisc** into your armamentarium.



- Comprehensive support both in-OR and before/after with:

- |                             |                                     |
|-----------------------------|-------------------------------------|
| <b>1</b> Mentorships        | <b>4</b> Roundtables                |
| <b>2</b> Proctorships       | <b>5</b> Case Studies               |
| <b>3</b> New User Trainings | <b>6</b> <b>prodisc</b> Specialists |

<sup>1</sup> Search performed on Pubmed, Embase, Ovid Medline® covering 1988 – 2017.  
<sup>2</sup> Janssen ME, et al, ProDisc-C Total Disc Replacement Versus ACDF for Single-Level Symptomatic Cervical Disc Disease, JBJS, 2015, 97:1738-47.  
<sup>3</sup> Centinel Spine, prodisc Surface Area Measurements, Data Available Upon Request.