



PARADIGM SPINE
the movement in spine care



Anterior Cervical Fusion Cage

OptiStrain C

Cervical Interbody Fusion

OptiStrain C

Optimized Strain for a Faster Bony Fusion

The **OptiStrain C** interbody fusion cage follows well established biomechanical principles: The slot design of the implant allows for reduced stress shielding and therefore enables load transfer through the device. Cyclic loading of bone stimulates bone growth in accordance to Wolff's Law and thus supports the fusion process.

OptiStrain C is made out of Titanium alloy. Its roughened surface provides an optimal environment for a successful osteogenesis.

Optimized Load Transfer

- Reduced stress shielding through slot design
- Cyclic loading of bone
- Large central fenestration can be filled with bone graft or bone substitutes

Reduced Risk of Subsidence

- Endplate protection through Soft Stop Technology
- Maximized contact surface for better load distribution

Biocompatible Titanium Alloy

- Angiogenic and osteogenic characteristics support osseointegration
- Roughened Titanium surface provides excellent primary and secondary stability

Additional Product Features

- Enhanced primary stability through serrated teeth on implant surface
- 9 anatomical sizes
- Color coded instruments and implants

Titanium Alloy supports Osseointegration

- Angiogenic and osteogenic material characteristics
- Roughened Titanium surface for good primary and enhanced secondary stability

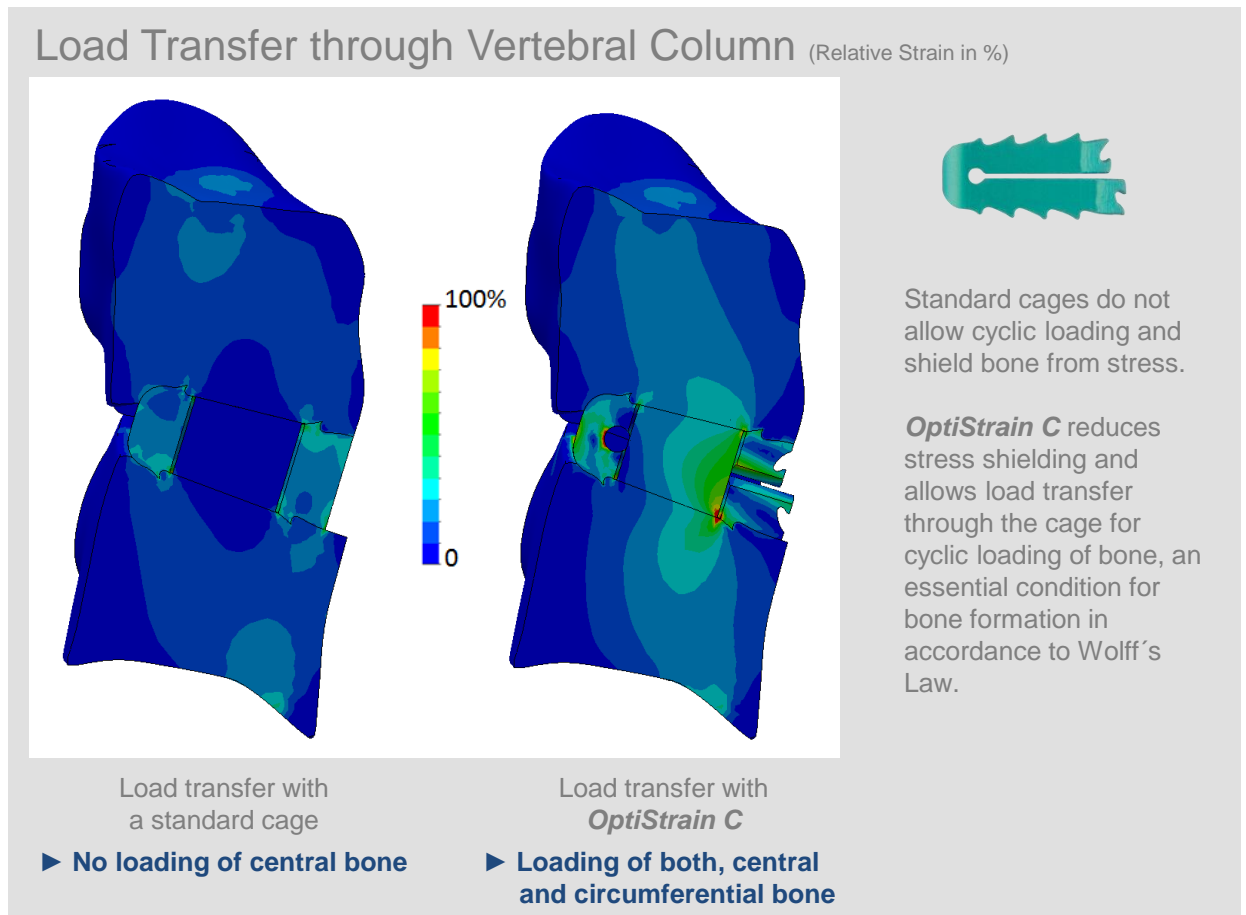


Optimized Load Transfer

- Slot allows for cyclic loading of bone
- Stress shielding can be effectively reduced
- Reduced risk of subsidence

Optimized Load Transfer for Optimized Fusion

The **OptiStrain C** design allows for reduced stress shielding, which typically can be seen in standard cages. The optimized load transfer feature enables cyclic loading of bone and thus supports osseointegration.



Indication

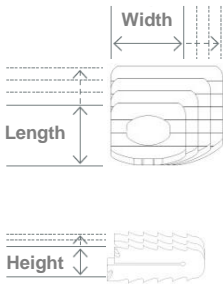
The **OptiStrain C** cage is intended for permanent implantation in the anterior area of the cervical spine (intervertebral) following cervical discectomy on one to three levels from C3 to C7. The implant can be filled with autologous bone or bone substitutes to facilitate fusion.

The implant can be utilized for pathologies of the cervical spine that indicate segmental arthrodeses, e.g.:

- Degenerative disc disease and instabilities
- Spinal disc herniations
- Pseudarthrosis or failed spondylodesis

It is indicated for patients with mature skeletons with or without myeloradiculopathy with or without neck pain.

OptiStrain C Anterior Cervical Fusion Cage



Height	Size M 	Size L 	Size XL 
	L: 12 mm B: 14 mm	L: 14 mm B: 16 mm	L: 16 mm B: 18 mm
7 mm	OAI12474	OAI14674	OAI16874
6 mm	OAI12454	OAI14654	OAI16854
5 mm	OAI12434	OAI14634	OAI16834

Sterilization Tray

CAC 00000



Instruments

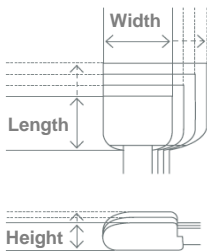


Insertion Instrument CBT20100



Trial Sleeve CBT10001
Turning Knob CBT10002

Trials



Height	Size M 	Size L 	Size XL 
	L: 12 mm B: 14 mm	L: 14 mm B: 16 mm	L: 16 mm B: 18 mm
7 mm	CBT 12147	CBT 14167	CBT 16187
6 mm	CBT 12146	CBT 14166	CBT 16186
5 mm	CBT 12145	CBT 14165	CBT 16185



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Product not available in the USA