



ZIMMER BIOMET

Your progress. Our promise.®



InFix[®]

Anterior Lumbar System

In situ Assembly • Seven Lordotic Options • Modular

Versatile

InFix Anterior Lumbar System redefines anterior lumbar fusion. Its unique, proprietary design provides independent modularity of height and lordotic angle to approximate patient anatomy. The InFix modular design is intended to restore lordosis, disc height and sagittal balance by providing 84 construct configurations and to serve as a revision tool for lumbar non-union repair. Its unique *in situ* assembly was designed to avoid tissue disruption.



InFix Anterior Lumbar System Features

• Fenestrated Endplates

- Designed to allow a generous cross-section of bridging bone to grow and strengthen fusion
- 56-72% of endplate is open space for fusion

• Migration Resistance

- Spikes resist migration and rotation
- Allows for initial stability of device

• Lordotic Angles

- Endplates are available in 0°, 3°, 6° and 9° lordosis
- Enables a construct range of 0° - 18°
- Restores sagittal balance

• Strut Heights

- Color-coded, titanium alloy struts are available in 8, 10, 12 and 14 mm



Lordotic angles



Strut heights



Spherical dome approximates outer surface of endplates and evenly distributes the load



24x29

26.5x32

29x35

Three footprint sizes (listed in mm, length x width)

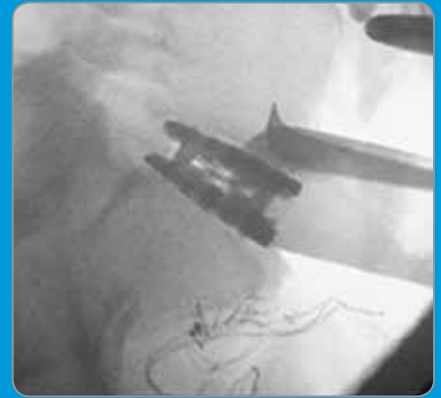
Implant Built within Anterior Column



InFix endplates inserted into collapsed disc space



Endplates are distracted to achieve desired anterior and posterior height

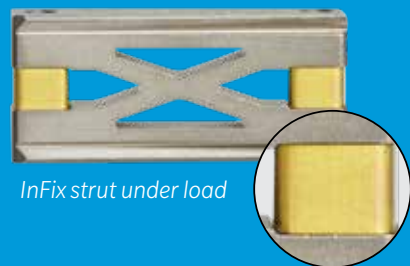
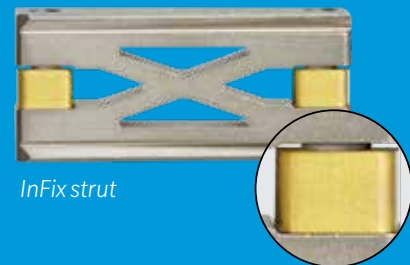


Struts are inserted to maintain desired disc height and allow for generous bone graft insertion

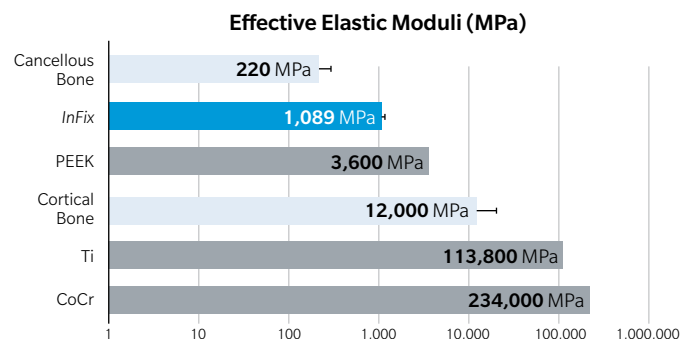
Load Sharing and Strain Limiting Design¹

Strut design that permits load sharing between the implant and the graft

- Allows the device to compress and apply load on the graft to promote bone growth
- Stiffness of the device is between cancellous and cortical bone
- Shock absorber protects graft against damage
- Offers the strength of metal with the modulus of elasticity more similar to cancellous bone and PEEK, rather than solid Ti6Al4V



Open architecture allows for generous graft placement and visualization for fusion assessment on A/P radiographs



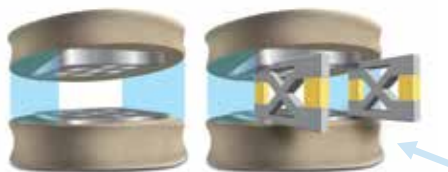
In situ Assembly



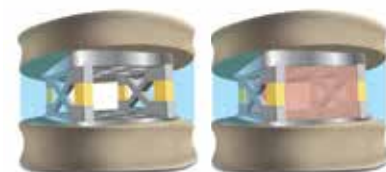
Bony endplates of collapsed disc space are prepared for fusion.

Implant endplates are atraumatically inserted into the collapsed disc space.

Removes the need for distraction.



Struts are inserted into the lordotic endplates to achieve desired anterior and posterior height



Open implant cavity is available for the packing of graft material

1. Data on file at Zimmer Biomet Spine, Inc. (VR-SP0002-92_01)



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