

WHAT IS COFLEX®?

One thing we value most in life is our ability to walk and do activities independently. As we get older, activities of daily living are often robbed by spinal stenosis. Simple things such as working around the house, gardening, grocery shopping, or walking for exercise or recreation can trigger symptoms of spinal stenosis, resulting in pain, numbness, or weakness in your lower extremities.



For the past 20 years, patients with moderate to severe spinal stenosis have been treated with a fusion technique that uses metal rods and screws, which eliminates motion in the spine after surgical decompression. However, the **coflex®** Interlaminar Stabilization procedure is a new, non-fusion solution that allows you to be able to do the things you love most! The **coflex®** device is a titanium metal implant that helps keep your spine stable after surgical decompression. The **coflex®** device also helps maintain the normal foraminal height and motion in your spine where the **coflex®** was implanted. It's amazingly strong, yet simple, and flexible enough to support your spine without having to fuse your bones together.

Benefits

Compared to fusion patients in a FDA clinical study*, the patients receiving the **coflex®** device experienced:

- **Faster Symptom Relief** - At 6 weeks, coflex® patients showed early relief of their spinal stenosis symptoms compared to fusion patients (90% vs. 77%, measured by ZCQ div-layer with text definition)
- **Lasting Symptom Relief** - At 2 years, coflex® patients showed lasting relief of their spinal stenosis symptoms compared to fusion patients (88% vs. 78%, measured by ZCQ div-layer with text definition)
- **Patient Satisfaction** - At 2 years, coflex® patients were satisfied with their outcome compared to fusion patients (94% vs. 87%)
- **Shorter operating time** - coflex® surgeries were 36% faster compared to fusion surgeries (98 minutes vs. 153 minutes).
- **Shorter hospital stay** - coflex® patients spent 40% less time in the hospital compared to fusion patients (1.9 days vs. 3.2 days).
- **Less Blood Loss** - coflex® patients had less blood loss during surgery compared to fusion patients (110cc vs. 349cc).
- **Stability in the Treatment Area** - At 2 years, coflex® patients retained their pre-operative range of motion (within 10%) and translation (within 5%) at the area of treatment.
- **More Natural Movement at Treatment Area and Surrounding Spinal Segments** - At 2 years, coflex® patients retained their pre-operative range of motion (within 15%) at the areas below and above the treatment area, and fusion patients saw a 25-50% increase in unnatural motion at the areas below and above the treatment area.