

# DIAM™

Spinal Stabilization  
System



## Patient Information Guide

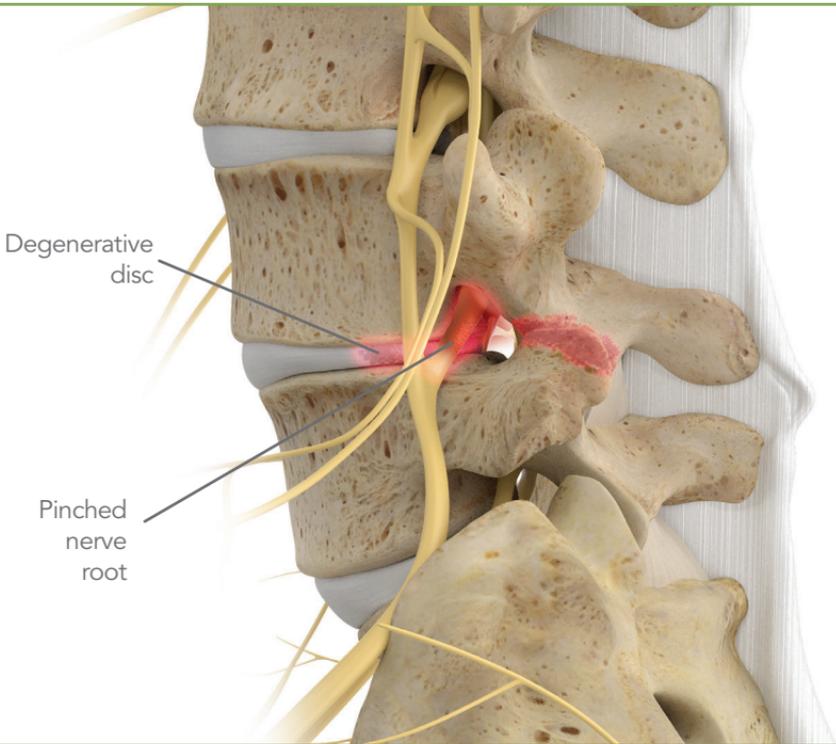
# Welcome.

After careful examination and review of your condition, your doctor may have determined that you may benefit from an interventional solution such as **DIAM™**.

This brochure is designed to help you make an informed decision about choosing the **DIAM™** Spinal Stabilization System to address your condition and help relieve the symptoms you may be experiencing.



# What is **degenerative disc disease**?



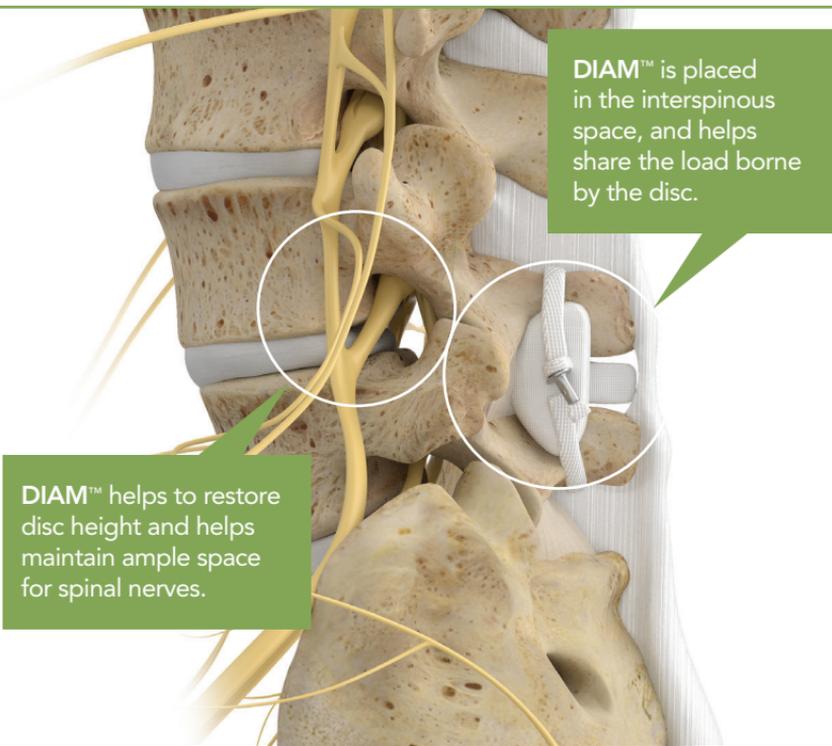
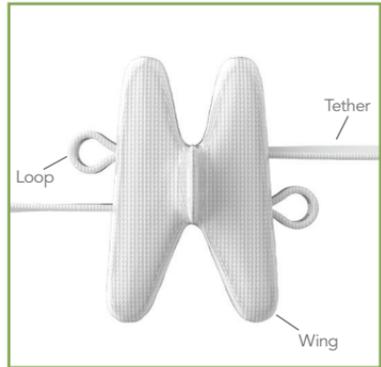
As discs lose their water content because of disease or age, they lose their height, bringing the vertebrae closer together. As a result, the nerve openings in your spine become narrow and the discs don't absorb the shocks as well. Wear and tear, poor posture and incorrect body movements can also weaken the disc, causing degeneration. Disc degeneration not only causes back pain but may also cause functional problems such as tingling or numbness in your legs or buttocks, or difficulty walking. Doctors call this degenerative disc disease (DDD).

# How **DIAM™** works.

The **DIAM™** Spinal Stabilization System implant is a dynamic stabilization product that can be used as an interventional solution to treat low back pain and radiating leg pain.

The core of the **DIAM™** device is made of silicone. The outermesh and tether are made of polyethylene (polyester.)

The crimp is titanium. The first **DIAM™** device surgery was performed in 1997. Since then, thousands of cases have been performed.



**DIAM™** is placed in the interspinous space, and helps share the load borne by the disc.

**DIAM™** helps to restore disc height and helps maintain ample space for spinal nerves.

# What are the potential benefits?



The benefits of the **DIAM™** procedure are relatively clear. After the device is implanted, the patient may experience less pain and return to many of their normal activities.

The potential advantages of surgery with the **DIAM™** Spinal Stabilization System include:

- Relief of painful symptoms
- Restoration of disc height
  - Increased spinal stability
  - Controlled motion

# Who **DIAM™** is intended for.

The **DIAM™** Spinal Stabilization System is an interventional solution indicated for skeletally mature patients that have moderate low back pain (with or without radicular pain) with current episode lasting less than one year in duration secondary to lumbar degenerative disc disease (DDD). DDD is confirmed radiologically with one or more of the following factors:

- Patients must have greater than 2mm of decreased disc height compared to the adjacent level
- Scarring/thickening of the ligamentum flavum, annulus fibrosus, or facet joint capsule
- Herniated nucleus pulposus



Talk to  
**your doctor.**



While this brochure is meant to provide you with information you need to make an informed decision about your treatment options, it is not intended to replace professional medical care or provide medical advice.

If you have any questions about the **DIAM™** Spinal Stabilization System, please call or see your doctor, who is the only one qualified to diagnose and treat your spinal condition. As with any surgical procedure, you should find a surgeon who is experienced in performing the specific surgery that you are considering.

For additional information visit our website at:  
**[www.companion-spine.com](http://www.companion-spine.com)**

DIAM™

Changing spine care for good.

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