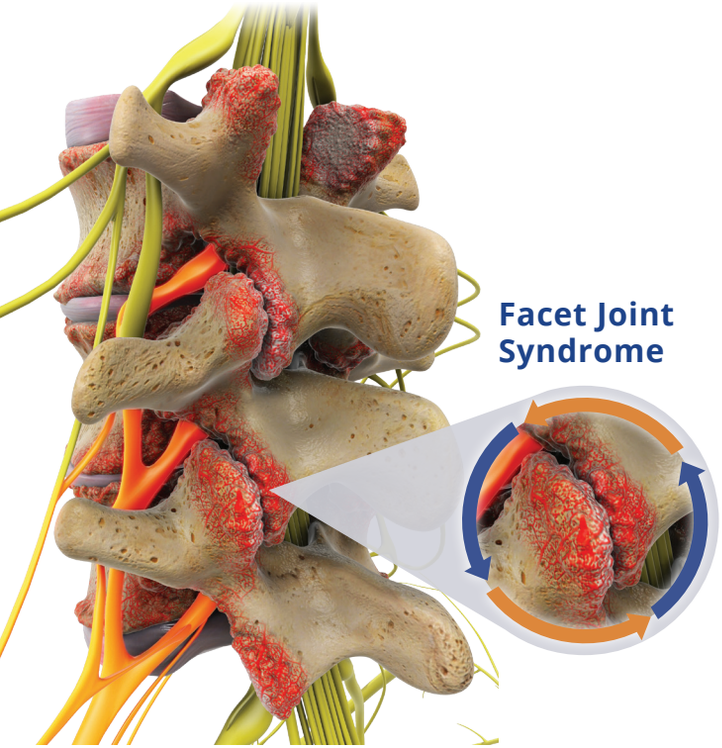
DenerveX™ System Overview

The **DenerveX™** system is an **innovative, minimally invasive therapy** designed to provide **long-lasting pain relief** from chronic back pain caused by facet joint disorders.

Facet joints are the joints between your vertebra that guide the movement of your spine.

There are two facet joints between each vertebra, one on each side. Facet joint pain can occur because of use over time (age), arthritis or a single injury and can cause chronic back pain. Facet joint pain can be difficult to diagnose and is often determined based on the pain relief you receive from more conservative approaches.



DENERVEX™

ROTATIONAL ABLATION DENERVATION DEVICE

Find out how DenerveX™ can give you enduring relief and the confidence you need for a better quality of life.

Ask your physician for more details about the DenerveX™ procedure.

DENERVEX™

ROTATIONAL ABLATION DENERVATION DEVICE

ENDURING RELIEF™





Reference:

1. Laplante B L, Ketchum J M, Saullo T R and DePalma M J. Multivariable Analysis of the Relationship Between Pain Referral Patterns and the Source of Chronic Low Back Pain. *Pain Physician* 2012, 15: 171-178.

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MKTB007 – 01/2026

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When Facet Joint Pain Becomes Chronic

Chronic facet joint pain is defined as pain originating in the facet joints which has lasted at least three months. When facet joint pain becomes chronic, it also may be known as facet joint syndrome. Facet joint pain may occur on its own, or in combination with other sources of low back pain.

Facet joint disorders can cause recurrent, debilitating low back pain resulting in reduced mobility and a lower quality of life. In patients who do not respond to conservative treatment approaches, a DenerveX™ procedure may be able to relieve their facet joint pain.

The information contained in this brochure is designed to help you make an informed decision about DenerveX™ as a method of treating facet joint syndrome. Only a doctor can determine whether you are a suitable candidate for the DenerveX™ treatment. Before receiving a DenerveX™ treatment, your physician should confirm facet joints are causing your pain.

The DenerveX™ system is a minimally invasive procedure that targets the nerve and nerve receptors so long-term pain relief is possible. By targeting both the nerve and where the nerve attaches, the possibility of the nerve being able to regenerate and register pain is minimized.

31%

The approximate percentage of patients whose chronic low back pain is attributed to facet joints.[1]

All About The DenerveX™ Procedure

HOW DOES THE DENERVEX™ SYSTEM WORK?

It is a small hand-held device synchronized with a specifically designed power generator that uses rotation and heat to treat the facet joint.

WHO IS A CANDIDATE FOR THE DENERVEX™ PROCEDURE?

Candidates for the DenerveX™ treatment are people who have had their pain isolated to the facet joint and have been unresponsive to more conservative medical approaches such as pain relievers, physical therapy and injections.

HOW INVASIVE IS THE DENERVEX™ PROCEDURE?

DenerveX™ is a minimally-invasive treatment that only requires a small incision for each treatment location. Facet joints are treated with DenerveX™ on both the left and right side. The treatment of each joint takes approximately 15 minutes.

WHAT HAPPENS BEFORE THE PROCEDURE?

The problem joint(s) will be identified for treatment using a nerve blocking injection. Other diagnostic tools, such as MRI, may also be used by your physician. Patients who are taking aspirin or blood-thinning medications may be asked to stop days before the scheduled procedure. Discuss any medications you are taking with your physician before the procedure. Your doctor will provide you with a specific pre-procedure protocol for you to follow leading up to your procedure.

WHAT HAPPENS DURING THE PROCEDURE?

Patients lay with their back visible to the physician. Patients are given local anesthesia with a sedative or general anesthesia. The treatment area is identified using a type of real-time x-ray, fluoroscopy. Physicians will make a small incision to access the joint(s). The DenerveX™ system is guided to the joint and treatment is delivered for no more than 30 seconds per location.

WHAT HAPPENS AFTER THE PROCEDURE?

A DenerveX™ treatment is considered an out-patient procedure so the majority of patients will go home the same day, after a check-in with the physician. Patients should arrange a ride home. Your facet joint pain should diminish with time. Talk to you doctor about your specific case, what you can expect for pain relief and how to proceed with your regular activities.

WILL I HAVE ANY RESTRICTIONS AFTER THE PROCEDURE?

Plan to take it easy the day of your procedure and talk to your doctor about any specific restrictions for you. You may feel soreness at the treatment site for the next 2 – 4 days. Limit your activities for the first few days to those activities that do not cause you pain. Do not shower for 48 hours and no baths/soaking for one week after the procedures due to the incisions.

