

MPC

MICHIGAN PAIN CONSULTANTS, PC

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Locations

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MPC Medical Records

**Please fax or mail all consults, labs, diagnostic results
to our medical records department.**

Fax: 616.242.2517

MPC: Attn Medical Records

61 Commerce Ave SW

Grand Rapids, MI 49503



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SPINAL CORD STIMULATION

Spinal cord stimulation is an advanced treatment option for chronic pain that utilizes a mild electrical stimulation delivered to the spine to intercept and minimize the sensation of pain that reaches the brain. Spinal cord stimulation is a treatment option for specific types of chronic pain that have not responded to traditional treatment modalities such as medications, injection therapy and physical therapy.

Conditions

- Chronic and Severe Nerve Pain
- Complex Regional Pain Syndrome (RSD)
- Spinal Stenosis
- Peripheral Neuropathy
- Degenerative Disc Disease
- Failed Back Surgery Syndrome
- Sciatica or Lumbar Radiculitis

Benefits

- o Immediate and sustainable reduction in pain
- o Treatment targeted to the precise area generating pain
- o Improvements in the ability to perform daily living skills
- o Reduction in need for pain medications
- o Provides increased control over management of pain symptoms



How Does it Work?

The spinal cord is a complex network of nerves responsible for transmitting all kinds of signals to and from the brain at any given time. When injury or damage occurs to the body, nerve receptors in the damaged or affected area instantaneously send a "pain" signal through that network of nerves to your brain indicating injury or damage has occurred.

Spinal cord stimulation provides pain relief by modifying or masking the pain signals before they reach the brain. To accomplish this, a small device similar to a pacemaker called a neurostimulator is implanted in the body and connected to tiny electrodes or "leads" that are surgically placed in the epidural space of the spinal cord. When activated, this system sends mild electrical pulses to nerves along the spinal cord, effectively interrupting the pain pathway to the brain, masking the original pain signal with more pleasant and manageable sensation.

Is This Procedure Right for me?

Talk to your pain specialist to determine the kinds of pain treatments that may work for you. The choice of treatment depends on the type of pain, its severity, and your response to your pain treatment. If your pain specialist believes you are a good candidate for spinal cord stimulation, he/she will guide you through the screening protocols to see if spinal cord stimulation will provide adequate pain relief for your individual condition.

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