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Metropolitan Pain and Spine

High Frequency Spinal Cord Stimulation (HF-SCS) is a cutting-edge therapy for the management of chronic pain. It involves the use of electrical impulses to block pain signals from reaching the brain. The therapy is performed using a device that is surgically implanted under the skin and connected to electrodes that are placed near the spinal cord. The device sends out high-frequency electrical impulses that disrupt the pain signals as they travel to the brain.

*High Frequency
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HF-SCS has been shown to be effective in the management of chronic pain conditions such as failed back surgery syndrome, chronic back and leg pain, and chronic pain due to complex regional pain syndrome. It works by blocking the pain signals as they travel up the spinal cord to the brain, thus reducing the sensation of pain.

The procedure for implantation of an HF-SCS device is typically done in an outpatient setting. A small incision is made in the skin and the device is placed under the skin, near the spinal cord. The electrodes are then connected to the device and placed in the correct location to target the pain. The patient is awake during the procedure, which allows the healthcare provider to test the device and make sure that it is working correctly and that the patient is comfortable.

Once the device is implanted, the patient will be given a remote control that allows them to turn the device on and off, as well as adjust the intensity

of the electrical impulses. This allows the patient to have control over their pain management and to adjust the therapy as needed.

HF-SCS is considered a safe and effective therapy for chronic pain management. However, like any surgical procedure, there are potential risks and side effects. These may include infection, bleeding, nerve damage, and allergic reactions to the device. In addition, there may be some discomfort

during the implantation procedure.

It is important to note that HF-SCS is not a cure for chronic pain, but rather a way to manage it. It is also not a suitable therapy for all patients, and it is important to work with a healthcare provider to determine if it is appropriate for you.

In conclusion, High Frequency Spinal Cord Stimulation (HF-SCS) is a cutting-edge therapy for the management of chronic pain. It works

by blocking the pain signals as they travel up the spinal cord to the brain, thus reducing the sensation of pain. The procedure for implantation of an HF-SCS device is typically done in an outpatient setting and the patient is given a remote control to adjust the therapy as needed. It is considered a safe and effective therapy for chronic pain management but it is important to work with a healthcare provider to determine if it is appropriate for you.

**Don't let pain
limit your health
and quality of life.**



Live Your Life Pain Free

Common Back and Neck Conditions We Treat:

- Neck Pain
- Low Back Pain
- Spinal Stenosis
- Herniated Disc
- Degenerative Disc Disease
- Arm and Leg Pain
- Neuropathy (Nerve Pain)
- Post-Laminectomy Syndrome
- Chronic Pain Syndrome
- Neuralgias
- Sports / Work Injuries
- Whiplash
- Spondylosis / Facet Joint Pain
- Sciatica / Pinched Nerves
- Sacroiliac Joint Pain
- And more

Nonsurgical and Minimally Invasive Options for Effective Pain Relief

Dr. Pearson offers surgical and non-surgical solutions for back and neck pain, as well as diabetic neuropathy, including an expert diagnosis and evaluation, individualized treatments, and rehabilitation.

Is your back pain or neck pain keeping you from doing what you want to do?

Advanced treatments for effective, long-term pain relief are available at Metropolitan Pain & Spine. Call us at (443) 367-0011 to make an appointment with Dr. Levi Pearson in Ellicott City or Columbia, MD today or you can request an appointment online at your convenience.

9501 Old Annapolis Road
Suite #305
Ellicott City MD 21042

Monday-Friday 7am-4pm

443-367-0011

www.MetropolitanSpine.com