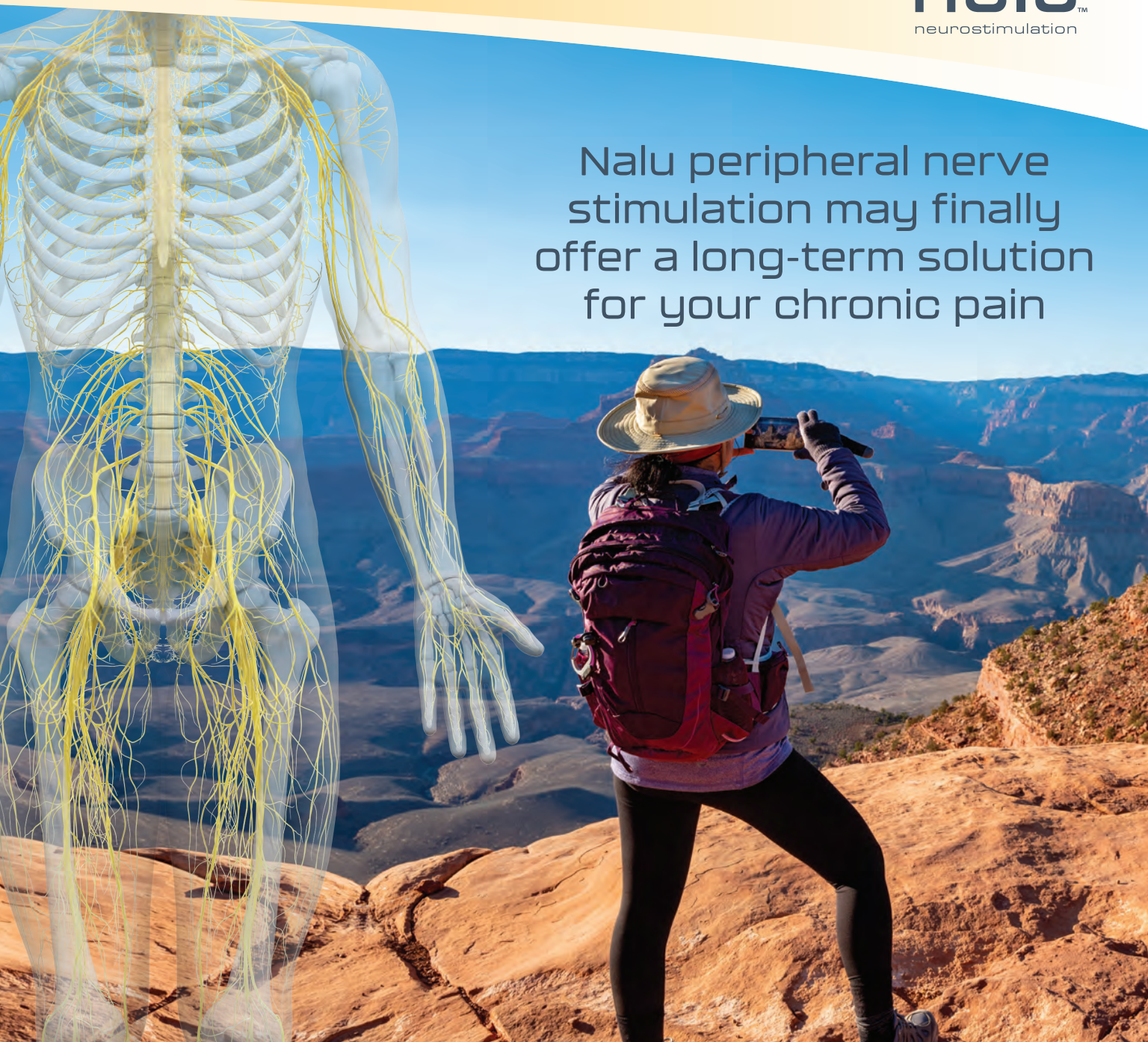
nalu™
neurostimulation

Nalu peripheral nerve stimulation may finally offer a long-term solution for your chronic pain



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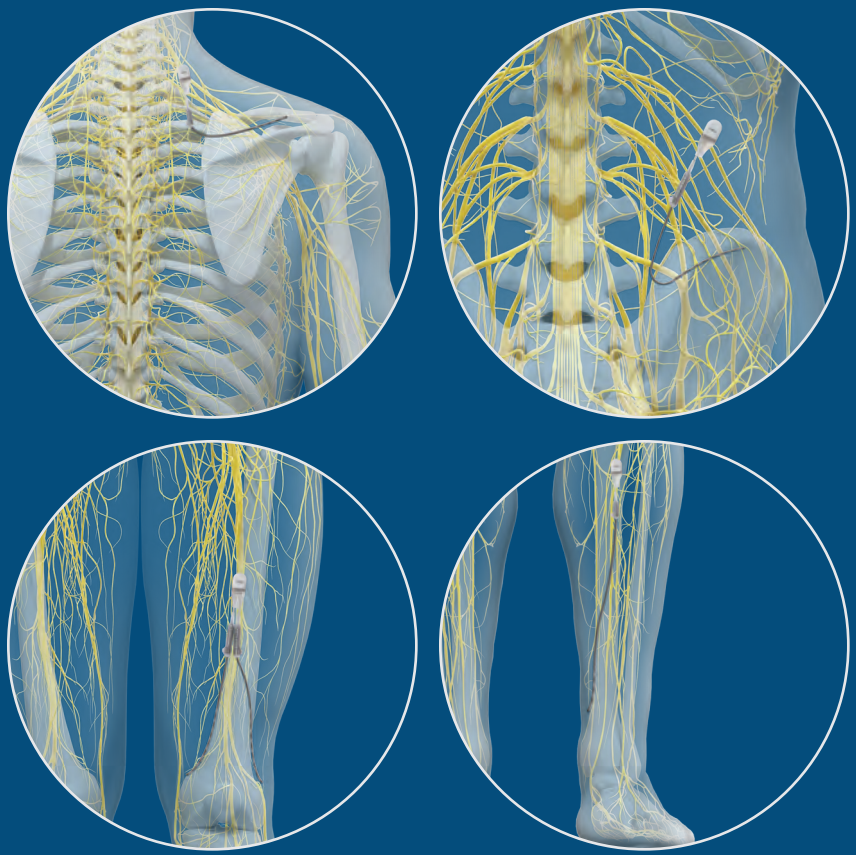
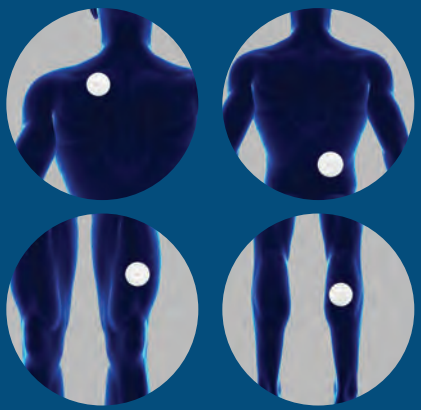
How the Nalu neurostimulation system can relieve your chronic pain

Chronic pain is pain that lasts more than a few months, and sometimes years. It can be there all the time or may come and go. This type of pain can be caused by many factors, including aging of bones and joints, injuries that have not healed properly, and peripheral nerve injury or inflammation. If conservative treatment options have failed, peripheral nerve stimulation may provide the relief you and your physician are searching for. The Nalu neurostimulation system may be able to reduce the pain by blocking the pain signals on the nerve that carries those signals to your brain. Nalu peripheral nerve stimulation may help reduce chronic pain in your shoulder, back, arm, leg, or foot. Your physician will choose the appropriate place for the Nalu micro-IPG and the tiny leads, depending upon your anatomy.



Blocking pain signals

These illustrations show various approaches for treating chronic pain. Your physician will determine the appropriate approach for your specific pain.



Maximizing comfort and convenience

These four illustrations show possible locations for the Therapy Disc. You and your physician will select the location that is appropriate for you.

This may be the relief you've been looking for

If you suffer from chronic pain, you've probably tried a variety of pain relief options, including physical therapy, radiofrequency ablation, various surgical procedures, and over-the-counter and prescription drugs. You may also have tried other neurostimulation systems. If these options have not delivered the pain relief you need or interfered too much with your life, there is finally new hope. The novel Nalu neurostimulation system may provide pain relief where other treatments have failed.

What is peripheral nerve stimulation?

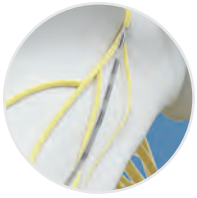
Peripheral nerve stimulation is a drug-free pain management approach that uses mild electrical impulses to block pain signals from various parts of your body before they get to your brain. With the Nalu system, most patients will not be aware of these electrical impulses. A small percentage of patients may feel a gentle tingling sensation called *paresthesia*. Thin wires, called *leads*, are placed under the skin near the nerves that are associated with the pain and an *implantable pulse generator* (IPG) is placed under the skin and connected to the leads to provide the electrical impulses.

How does it work?

You can think of each of your nerves as a single-line telephone that can only carry one conversation at a time. Since the leads are already sending a signal to the brain through the nerves that normally carry the pain signal, the line is busy and the pain signal does not get to the brain. As long as the stimulation signal is on the line, the pain signal cannot get through.

Tiny IPG

One part of the system that gets implanted in your body is called an *implantable pulse generator* (IPG). The tiny size of the Nalu micro-IPG means your physician has more flexibility to put it in the appropriate place to treat your chronic pain.



Thin lead

The other part of the system that gets implanted in your body is called a *lead*. The lead carries the pulse generated by the IPG to the affected nerve to block the pain signal. This will be placed near the nerve your physician determines to be the one most likely to resolve or lessen your chronic pain.

Removable implant you can "test drive"

If Nalu peripheral nerve stimulation does not work for you, the entire system can be removed. Even better, you can try the system on a temporary basis before the actual components are implanted.

Wearable battery and control disc

A battery and control system are both contained in a small Therapy Disc that you wear in a comfortable adhesive clip over the implanted IPG. The system comes with 2 Therapy Discs. You can wear one while the other one is charging, then just switch them when the one you are wearing needs to be recharged.

You control when you wear the battery

You can remove the Therapy Disc and adhesive clip any time you don't need active stimulation or want to wear a swimsuit or tight-fitting clothing.

Smartphone control

You can control the intensity of your therapy and change the kind of therapy delivered by your system from an iPhone or Android smartphone.

How to “test drive” the system

Once your physician decides that peripheral nerve stimulation may be right for you, you can try the system on a temporary basis before you commit to it.

Step 1: wear experience

The purpose of the *wear experience* is to make sure you are comfortable with Nalu wearables and feel what it would be like to live with the system on a daily basis. During this assessment period, you will wear an adhesive clip and non-functioning Therapy Disc in various positions for up to 14 days to determine the best location of the Therapy Disc and IPG for your anatomy and lifestyle.

Step 2: therapy trial

To begin the trial, you will undergo a small surgical procedure to place thin wires (leads) near the nerve(s) identified by your physician and connect them to an external stimulator. During the *therapy trial* period, you and your physician will evaluate the amount of your pain relief and improvements in sleep and daily activities. After the *therapy trial*, the wires will be removed and you and your physician will decide if Nalu peripheral nerve stimulation is appropriate for you.

Step 3: permanent implant

If Steps 1 and 2 are successful, your physician will perform a minimally invasive surgical procedure to place permanent leads (1 or 2) and the Nalu micro-IPG in the optimal location for your specific pain. Your physician’s prescribed therapy will be programmed into the Nalu system and you will be trained on how to control it through the remote control app on your smartphone.

Step 4: life resumed

You will work with your physician and the Nalu support team to optimize your Nalu neurostimulation and manage your chronic pain. With pain relief, you may be able to resume activities (work, family, travel, etc.) that were previously too painful to enjoy.

Nalu's novel technology may make all the difference

Longest IPG service life*

It is unlikely the IPG will need to be replaced for 18 years. And you will never need surgery to replace the battery because for the Nalu neurostimulation system the battery is outside your body.

Easy to update

The operating software of the Nalu neurostimulation system can be updated as easily as updating the programs on your smartphone. That means you will always have the latest version of the Nalu system software.

Easy to live with

Since the Nalu IPG is very small, it isn't very noticeable under your skin. You can remove the Therapy Disc and adhesive clip any time you don't need active stimulation or want to wear a swimsuit or tight-fitting clothing. And you're never tied down to a charging device because the batteries are charged remotely and can be switched in less than 60 seconds.

Ask your physician if Nalu peripheral nerve stimulation may be right for your chronic pain.

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*Currently marketed in the United States

Indications for Use: Spinal Cord Stimulation - The Nalu Neurostimulation System is indicated as the sole mitigating agent, or as an adjunct to other modes of therapy used in a multidisciplinary approach for chronic, intractable pain of the trunk and/or limbs, including unilateral or bilateral pain. The trial devices are solely used for trial stimulation (no longer than 30 days) to determine efficacy before recommendation for a permanent (long term) device. **Peripheral Nerve Stimulation** - The Nalu Neurostimulation System is indicated for pain management in adults who have severe intractable chronic pain of peripheral nerve origin, as the sole mitigating agent, or as an adjunct to other modes of therapy used in a multidisciplinary approach. The Nalu Neurostimulation System is not intended to treat pain in the craniofacial region. The trial devices are solely used for trial stimulation (no longer than 30 days) to determine efficacy before recommendation for a permanent (long term) device. **Contraindications:** Patients contraindicated for this therapy are those who are unable to operate the system, have failed trial stimulation by failing to receive effective pain relief, are poor surgical risks, and/or are pregnant. **General Warnings, Precautions, Adverse Events:** Please refer to the latest Instructions for Use provided with the Nalu Neurostimulation System for warnings, precautions, and potential adverse events prior to using the system.

℞ Only

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