



S.T. Genesis is distributed by Speranza Therapeutics

Speranza Therapeutics is more than a company that supplies a drug or device to a patient or physician. We provide solutions as part of a medical protocol that will produce positive outcomes for struggling patients. Our team has a passion to make a positive impact in areas of need.



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A GUIDE FOR PATIENTS

**An Innovative Way to
Help Patients Through
Opioid Detox**

A new treatment to help patients through detox

Quitting opioids can be hard. Many people will not quit because of the fear of painful withdrawal symptoms. A new detox device is available to help.



Symptoms relieved by S.T. Genesis

- ✓ Nausea
- ✓ Vomiting
- ✓ Muscle and stomach cramps
- ✓ Anxiety
- ✓ Joint pain
- ✓ Difficulty sleeping
- ✓ Sweating
- ✓ Tremors
- ✓ Increased heart rate

S.T. Genesis: a noninvasive, detox device

S.T. Genesis is an FDA-cleared, neuromodulation device. Neuromodulation is technology that acts directly with nerves. The device uses nerve stimulation to reduce the symptoms of opioid withdrawal. Applied in the provider's office, it can be used in inpatient or outpatient treatment settings.

Benefits



Compact and lightweight



Easy to apply



Rapid results

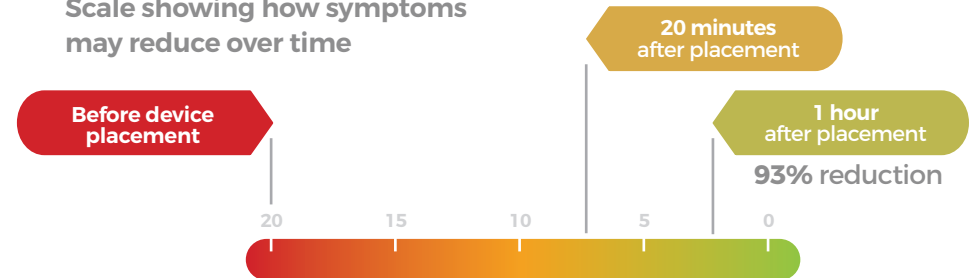


Patient mobility during treatment

How fast does it work?

Patients can feel the device working immediately. The patient's discomfort from withdrawal may lessen within the first 20 minutes after S.T. Genesis is applied.

Scale showing how symptoms may reduce over time



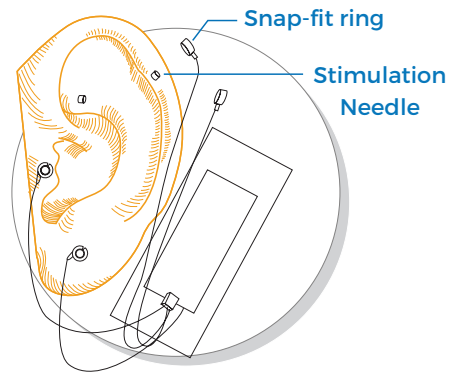
IMPORTANT TO KNOW:

The opioid withdrawal management provided by S.T. Genesis is not a standalone treatment for opioid use disorder. A post-detoxification care plan is required to avoid relapse.

How does it work?



1. Arrive at your provider's office to begin detox.
2. S.T. Genesis is placed behind the left ear, and four small electrodes are attached to the earlobe and outer ear.
3. The device gives low-level electrical pulses to the ear.
4. The pulses work with the nerves in the ear to send signals to the part of the brain responsible for pain and anxiety.
5. Withdrawal symptoms can be greatly reduced within 20 minutes.



How is S.T. Genesis different than medication for detox?

Certain nerves create many of the uncomfortable symptoms of withdrawal. By applying direct stimulation to these nerves, S.T. Genesis may provide a rapid reduction in symptoms compared to traditional medications. It offers consistent relief for the duration of its use.



S.T. Genesis Treatment

LENGTH OF TREATMENT:

5 consecutive days



PROCEDURE TIME:

Application = 5-10 minutes

Patients are monitored for at least 60 minutes after the device is applied and daily while the device is in use.

REMOVAL:

The device is removed at your provider's office on day 5. If you are unable to return on day 5, please contact your provider for instructions. **S.T. Genesis may not be worn for longer than 5 days** (120 hours).

CARE:

- Wear the device for the entire time. If the device is removed early, withdrawal symptoms may return.
- Keep the device dry.
- Contact your provider's office if there are any problems with the device or if you have any side effects. S.T. Genesis is a single-use device and must be disposed of at a medical facility.

Frequently Asked Questions

? How does the device get to my nerves?

The electrodes applied to your ear have tiny stimulation needles. They are placed in the location of the nerves that affect the withdrawal symptoms.

? What if my pain returns?

If you start feeling increased pain or other symptoms returning, an electrode may have come loose. Call your provider immediately to see if the device needs to be adjusted. If necessary, your provider may prescribe medications to help manage withdrawal symptoms during this time.

? What if I don't feel the pulsing? Should I take the device off?

No. Your body will become used to the pulsing so you may not always feel it. Most likely the device is still working. If you have any questions, call your provider and they can confirm it is working properly.

? What if my ear starts hurting during treatment?

On rare occasions, a patient may feel a stinging sensation where the electrodes are placed. This is only a sensation and is not cause for alarm. If the pain continues, please call your provider about your concerns.



? What do I do if the device becomes loose or if I pull a lead off accidentally?

Do NOT remove the device. This can happen and can be easily corrected. Removing the device entirely may allow your symptoms to return. Contact your provider immediately. The device can be reapplied where it has been detached.

? Can I shower in the device?

Do not immerse the device in water or get it wet. It is suggested that you consider taking a bath and using dry shampoo instead of showering while you wear the device.

? Can I sleep with the device on?

Expect to sleep in the device. It is intended to be worn without interruption. In fact, the device helps to prevent common sleep disruption during detox. It is recommended that side sleepers should not sleep on the side where the device was applied for more comfort.

? Are there any side effects?

Although extremely rare, side effects may include:

- Skin irritation
- Bleeding at the site of attachment
- Pain at the site of attachment
- A sore ear
- Dizziness
- Allergic reactions to the tape or adhesive