**Barostim Therapy**[Barostim](https://www.cvrx.com/)TM is the first medical technology approved by FDA that uses neuromodulation to improve the symptoms of patients with systolic heart failure. It is the only heart failure device that does not require any hardware in your heart or blood vessels.

**How Barostim Works**1. In heart failure, the heart struggles to pump enough blood. This causes baroreceptors – sensors on the carotid artery – to send fewer signals to the brain.

2. This causes the brain to trigger a stress response to force the heart to work harder, and, over time, worsens the symptoms of heart failure.

3. Barostim is an implantable device that delivers gentle electrical pulses to the baroreceptors. This increases the signals to the brain, which reduces the stress response and improves heart failure symptoms.

**Benefits of Barostim**Barostim has been shown to safely improve symptoms of heart failure including:

* **Increased Activity Levels:** Barostim patients were able to walk about 60 yards farther in 6 minutes than patients on medications alone.1
* **Improved Quality of Life:** Barostim patients reported almost 3 times greater improvement in quality of life scores than patients on medications alone. 1
* **Safe Implant:** 97% of Barostim patients had freedom from complications. The implant procedure typically takes less than an hour, and most patients go home the same day.1
* **High Response Rate:** 94% of Barostim patients had significant improvement in at least one of three measures of symptom improvement2,\*

\*quality of life, exercise capacity, or heart failure symptoms as compared to those patients treated on medications alone

**Do You Qualify?**

You may be eligible for Barostim if you:

* Have been diagnosed with heart failure NHYA class III or II (with a recent history of III), and are receiving optimal heart failure medications prescribed by your cardiologist
* Have a left ventricular ejection fraction (a measure of how much blood your heart pumps) of 35% or less
* Have a blood test for NT-proBNP of <1,600 pg/mL
* Have symptoms that significantly impact daily life and reduce the number of activities you are able to perform

 **Safe Procedure**Barostim is implanted in a safe surgical procedure where the Carotid Sinus Lead is sutured to
the carotid artery and the Barostim NEO implantable pulse generator (IPG) is inserted in a small
pocket under the skin, similar to a pacemaker.1 Procedures are typically performed on an
outpatient basis. Typically, you can get back to normal activities within a few days following the guidelines and direction of your physician.

Your doctor will schedule routine follow-ups to ensure the device settings are optimized to best improve your heart failure symptoms.