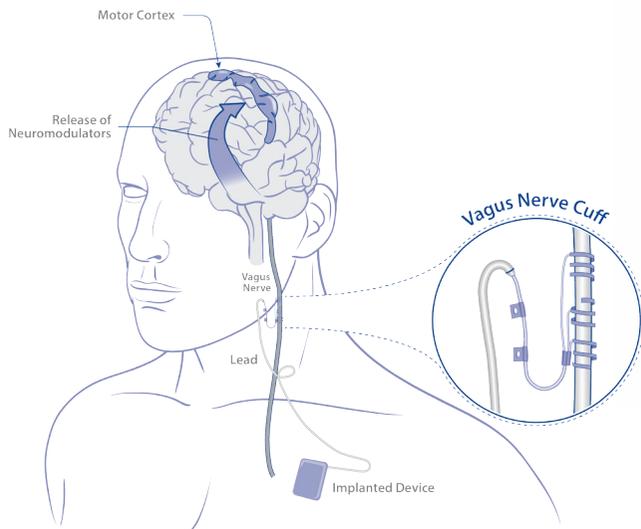
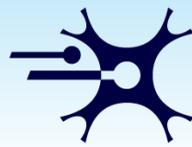


## Diagram of Vivistim® System used in Clinical Trial



The clinical trial utilizes an implantable device (called the Vivistim® System), which will require an outpatient surgical procedure to place the device inside your body.



## MicroTransponder®

MicroTransponder is a medical device company with an expert team of neuroscientists and engineers that have worked with doctors to develop a neurostimulation system to treat stroke patients. Decades of neuroscience-based research have led to this novel therapy for the treatment of stroke.

If you are interested in more information regarding Stroke Rehabilitation, please visit:

[http://www.ninds.nih.gov/disorders/stroke/stroke\\_rehabilitation.htm](http://www.ninds.nih.gov/disorders/stroke/stroke_rehabilitation.htm)



To visit the ClinicalTrials.gov page for the trial:

<https://clinicaltrials.gov/show/NCT03131960>

CAUTION – Investigational device. Limited by United States law to investigational use. Not for Sale in Europe or U.S.



## VNS Stroke Trial



## Study Participants

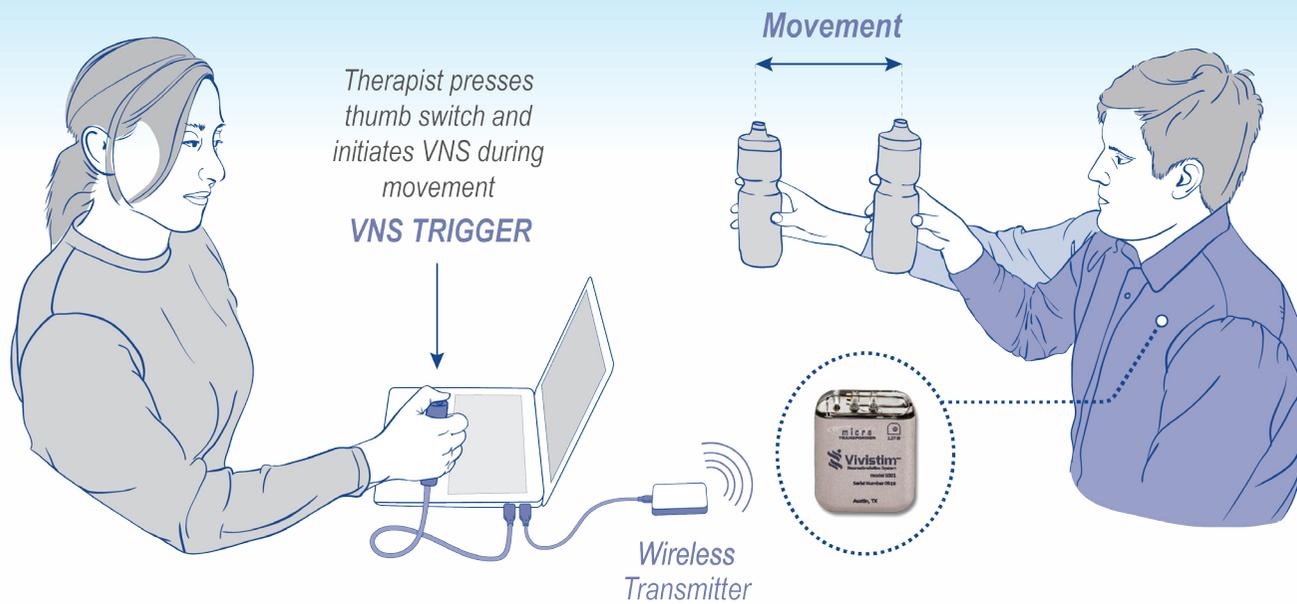
The Vivistim® System clinical trial for the treatment of stroke is open to people between the ages of 22 and 80 who have had a stroke at least 9 months ago but not more than 10 years ago.

The Vivistim® System has been developed by MicroTrnasponder to treat upper limb mobility deficits in people who have had a stroke.

The Vivistim® System pairs an existing therapy called Vagus Nerve Stimulation (VNS) with rehabilitative physical therapy.

VNS has been used to treat over 100,000 people with epilepsy and depression.

[www.VNSstroke-trial.uk](http://www.VNSstroke-trial.uk)



## How it Works

The device is fully implantable and is designed to be used in conjunction with rehabilitative physical therapy. The image above depicts a VNS paired therapy session with a stroke study subject and an occupational therapist.

The study subject does a series of therapeutic tasks aimed at rebuilding the neural circuits in the brain that are responsible for upper limb movement. Each time the subject performs a movement, the therapist pushes a button and the wireless transmitter sends a signal to the implanted device, which stimulates the vagus nerve. Subjects may not feel stimulation or only notice a tingling in their neck; therapy is done over several weeks to improve the ability to perform daily activities.

## Enrollment Criteria

Do you fulfill the following criteria?

1. I am 22 to 80 years of age
2. I had a stroke at least 9 months ago but not more than 10 years ago
3. I have some arm and hand movement difficulties, but can still move my hand (the site will perform specific assessments to determine if you meet this criteria)
4. I don't have any speaking, cognitive, or thinking difficulties that would impact my ability to be in the study
5. I don't have any significant sensory problems
6. I don't have any aspiration or swallowing difficulties
7. I don't have any hand spasticity

There are other criteria that will be checked at screening, but if you meet ALL of the criteria above, please contact us and a representative from the study site will reach out to you for an initial screening call.

## About the Study

The Vivistim® System clinical trial for the treatment of stroke is open to residents between the ages of 22 and 80 who have had a stroke at least 9 months ago but less than 10 years ago. There are three sites in the UK and approximately 30 UK subjects will be enrolled in this trial.

This clinical trial utilizes an implantable device (called the Vivistim® System), which will require an outpatient surgical procedure to place the device inside your body.

## Contact Us

Please visit [www.VNSstroketrials.uk](http://www.VNSstroketrials.uk) to find the nearest study site.