

# Now Offering Vivistim for Stroke Recovery in Partnership with Delaware Neurosurgical Group

## WHAT IS VIVISTIM<sup>®</sup> PAIRED VNS<sup>™</sup> THERAPY FOR STROKE RECOVERY?

Vivistim Therapy is an innovative FDA-approved implantable stroke-rehabilitation intervention that involves stimulation of the vagus nerve during high-intensity task-specific occupational or physical therapy to improve stroke survivors' hand and arm function. This pairing helps strengthen the brain connections needed to improve hand and arm function. It's the only system of its kind, and it is proven safe and effective.

## WHAT CAN I EXPECT & HOW DOES IT WORK?

Stimulation of the nerve sends electrical pulses to brain regions that assist with learning and memory to increase neuroplasticity. During rehab exercises and at-home activities, Vivistim is activated to help strengthen and create new neural pathways, like building a new bridge to bypass the damaged area. It builds lasting connections for increased independence and many aspects of their quality of life, even when Vivistim is not in use.

## MEET THE SURGEONS

Implanting neurosurgeons with Delaware Neurosurgical Group include: Dr. Matthew Eppley, Dr. Paul Tymour Boulos, Dr. Andrew Luksik, Dr. Pawan Rastogi, and Dr. Kennedy Yalamanchili.

They are certified by the American Board of Neurological Surgery and practice in Delaware with surgical locations in Newark and Dover.

## OUR VIVISTIM TEAM

**Baylee Turetzky**, Aquacare - Millsboro,  
**Alec Crichton**, Aquacare - Milford, and  
**Jess Wood**, Aquacare Salisbury - S Curve.

**DO YOU QUALIFY FOR VIVISTIM?  
SCAN BELOW TO TAKE A SURVEY!**



## WHAT IS THE PROCESS?

Vivistim provides hope for those who feel they've reached a plateau with traditional therapy. Stroke survivors are first evaluated by their therapy team. Then, in partnership with Delaware Neurosurgical Group and Aquacare, the stroke survivor will be evaluated by a neurosurgeon.

This in-clinic rehabilitation therapy typically lasts at least 6 weeks, with the patient being seen a few times per week.

- A few weeks after the Vivistim device is implanted, when the stroke survivor is cleared for physical activity by the surgeon, they will start Vivistim Therapy with an Aquacare physical therapist at one of our clinics.
- The therapist will use a remote that sends a wireless signal to the implanted device via a laptop computer which delivers a brief, gentle pulse to the vagus nerve while the stroke survivor performs various rehabilitation tasks. This in-clinic rehabilitation therapy typically lasts 6 weeks, with the patient being seen a few times per week.
- Vivistim can also be done at home as early as the first day of therapy in the clinic. Patients activate a session on their own with a simple swipe of the Vivistim Magnet.

## GET IN TOUCH:

844-547-7432  
[www.aquacarephysicaltherapy.com](http://www.aquacarephysicaltherapy.com)  
[www.fitnessforumMD.com](http://www.fitnessforumMD.com)

