

# VRT VISION RESTORATION THERAPY

*Help for Vision Loss Caused by  
Stroke or Brain Injury*



*Improving Vision • Enhancing Patient's Lives*

## About NovaVision VRT

NovaVision, Inc., headquartered in Boca Raton, Florida and with offices in Germany and the UK, has a broad portfolio of scientifically supported therapies that both restore and compensate for lost vision and address other vision issues resulting from neurological brain trauma such as stroke or brain injury.

VRT is an FDA cleared prescription-only therapy; for a list of prescribing physicians, please visit the VRT directory at [www.novavision.com](http://www.novavision.com) Find a Physician page.

## Research

Since the 1990's, NovaVision has studied how the brain regains function within the visual system. It was found that repeated exposure to stimuli targeting a vision deficit could help activate neuronal pathways to restore some of the lost vision.

Numerous studies on VRT Vision Restoration Therapy were published in leading journals including Nature Medicine, Neurology and The Journal of Cognitive Neuroscience. They have demonstrated significant visual improvement with an average expansion of the treated visual field of 4.9-5.8 degrees of visual angle.

This can make a notable difference to the daily lives of patients.

Visit our website for a detailed description of the research studies.



During each therapy session, you will focus your eyes on a central point displayed on the computer screen and respond every time you see a light stimulus appear anywhere on the screen.

## What is NovaVision VRT?

VRT Vision Restoration Therapy - is a computer-based light stimulation therapy that can be performed at the patient's home. During a therapy session, light dots are presented on the screen in a way that they specifically stimulate impaired visual functions of the individual patient's visual field. To restore visual functions, regular and long-term therapy is needed. VRT is typically done for 20-30 minutes, twice daily, six days per week for approximately 6 months.

### Effective

"Notable improvements were seen in 70.9% of the patients. Efficacy was independent of lesion age."

*A 302 patient study was reported by I. Mueller et al.; Restorative Neurology and Neuroscience 25 (2007) 563-572 IOS Press*

### Validated

Underpinned by 15 years of research and supported by more than 20 clinical studies.

### Convenient & Affordable

Therapy is Internet-delivered, can be done at home and fits around the patient's schedule.

### Customized

Therapy is personalized for the vision deficit and updated monthly.

### Non-Invasive

VRT does not require surgery or medication of any kind.

## Benefits

Performing VRT helps many patients restore their vision, as well as independently and confidently resume important activities such as:

- Going out
- Reading
- Grooming
- Walking
- Watching TV
- Socializing
- Enjoying hobbies

## Risks

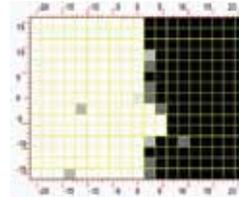
VRT may cause light headaches or fatigue if performed too intensively or without sufficient breaks.



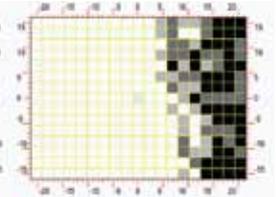
**Paul**

“I suffered a major stroke that robbed me of my vision. I lost about 50% of my vision in both eyes. In effect, I was almost totally blind on my right side. By the end of the 6th month of treatment I had recovered 60% of my lost vision and the improvements kept coming. I am on a quest now to see to it that every medical professional with whom I come in contact hears about NovaVision.”

**Pre-VRT**



**Post-VRT**



Patient Improvement

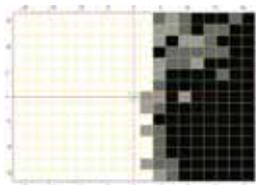
*Individual results vary.*



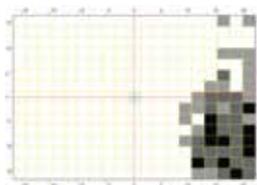
**Carole Urban**

“On 10/10/10 I was Involved in a motorcycle accident and suffered from vision loss attributed to homonymous hemianopsia. My Family researched therapy options and we insisted on trying NovaVision. Vision is so important; I believe I had to give it my all to get as much of it back as I possibly could. After 8 months of therapy I got 90% of my vision back! Before NovaVision everything was difficult such as, reading, cooking, walking stairs, all the simple like things. Now I have a new job, I ran my first marathon and finally published a book.”

**Pre-VRT**



**Post-VRT**



Patient Improvement

*Individual results vary.*

*For more testimonials please visit our website*

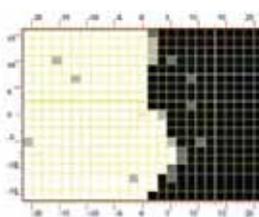


**Ramon Moncada**

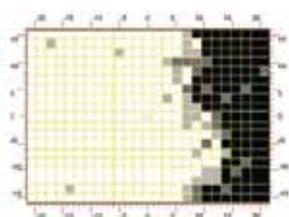
“After my stroke I lost about half my field of vision, and since starting VRT I have noticeable improvements in my vision – I see more, it’s easier to read, I can see the entire TV screen when watching TV and even enjoy going to the movies now.

As a post-stroke VRT patient with a hemianopia, I encourage others who also suffer from this or other vision loss after stroke to absolutely do it. You have nothing to lose and VRT works. As a retired physician, I recommend other medical practitioners and rehabilitation specialists to advise their stroke and brain injury patients about the benefits of VRT.”

**Pre-VRT**



**Post-VRT**



Patient Improvement

*Individual results vary.*

## Is VRT Right for You?

A VRT Vision Restoration Therapy Candidate has:

- An acquired brain injury
- Partial vision loss
- Some residual vision
- No history of seizure disorders, especially of a photosensitive nature
- Is not suffering acute inflammation of the eyes or central nervous system
- No physical damage to the eye
- No major cognitive impairments
- The ability to sit upright and focus on a task for 15-30 minutes
- Motivation toward rehabilitation; can commit to approximately an hour of daily therapy

## Find Out More

Our website provides a wealth of valuable resources. Here are just a few that you might find useful:



Take  
Our  
Vision  
Test

[Take Our Online Vision Test](#)

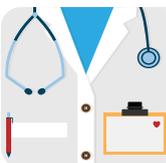


[Download Our eBook](#)

Patient Resources



[Check Out Our Resources Page](#)



[Ready to Start - Find a Physician](#)

## Get Started

1

You need a prescription and an eye exam to begin VRT. Call NovaVision at 888.205.0800 to request medical forms for your doctor(s).



2

Schedule a visit with an eye doctor, neurologist or physiatrist to review if VRT is right for you. If you need help locating a doctor, please visit our online directory or call us.



3

After your prescription, medical forms and payment are processed, you can begin the therapy at home.



4

Your therapy will be evaluated and updated monthly by NovaVision to ensure your continued progress. Clinical support is unlimited throughout the duration of your therapy.





# NovaVision®

*Improving Vision • Enhancing Patient's Lives*

## Contact Patient Services



**Toll Free: 1.888.205.0800**



**Fax: 1.561.620.2546**



**ClientServices@NovaVision.com**



**www.NovaVision.com**

**“ Because of VRT, I do not feel startled so often. My reading is much better and scanning a computer screen is much easier. I can ride a bicycle now with confidence and I don't have to concentrate as hard to see on the left. ”**

— Stroke Survivor & VRT Patient,  
began VRT two years post-injury