



Solutions for the Toughest Cases of Treatment-Resistant Depression and Other Brain Illness

Today, we are fortunate to have open conversations about mental health in our families and communities. We have numerous resources to turn to, often with outcomes of lasting relief, hope, and support. However, there is still a significant percentage of people suffering from mental health issues and physically disabling symptoms of pain who don't know where to find relief. We spoke with Dr. Steve Best, MD, a psychiatrist whose work at The Neuroscience Center (TNC) in Deerfield, Illinois, addresses these unmet brain-related health issues and the treatment-resistant disorders using the most advanced tools and technologies.

"Many of our patients come here after years of suffering, with multiple attempts at getting professional help, and numerous applications of trial-and-error treatments. Patients who find us come here as a last-ditch effort," Dr. Best said. "After thorough testing, we will offer treatments that are tailored to the patient's needs, with the intent that they will experience relief from their suffering, and reintegration into life and society."



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Causes of Brain Injury

The Neuroscience Center began serving the general psychiatric and neuropsychiatric needs of patients over 50 years ago. While many of the center's patients experienced significant recovery with traditional medication and therapy, a subset of people continued to struggle with treatment-resistant illnesses, particularly depression and chronic pain syndromes. With years of experience, TNC team realized that brain injury contributes to the frustrating persistence of disabling symptoms and illnesses. "Building an innovative clinic with multiple modalities to help people recover from these complex illnesses became our passion," said Dr. Best. "It drives us to innovate and perfect the tools needed to assess and intervene."

Traumatic Brain injuries may include or be associated with:

- Traumatic factors such as concussion
- Head injury from accidents or violence
- Non-traumatic factors such as stroke, substance use/misuse
- Co-morbid psychological issues such as learning disorders,
- Vector-borne such as Lyme disease
- Conditions associated with pathogen exposure (mold, poisoning)
- Sleep disorders
- Autoimmune conditions
- Nutritional deficits/metabolic disorders

Innovative Treatment Solutions

The team at TNC has created a "Combination Therapy" which offers ground-breaking interventional psychiatry, utilizing the synergistic effects of rTMS with close medical supervision of intravenous ketamine therapy, resulting in a more effective overall treatment of mood and chronic pain disorders. Here are some of the areas that TNC addresses through the application of SPECT (brain testing), blood work, rTMS, Combination Therapy of TMS/ketamine, and other tools that comprise an individual's custom treatment plan. Here are some details:

- Found to be effective in patients who fail other therapeutic interventions and is a go-to for patients who are likely to fail treatments.
- Especially effective in cases of substance abuse and addiction.
- Through modification of the central nervous system, depression, pain, and anxiety recede so the patient can regain a quality of life.
- Effective in cases that include co-morbid non-traumatic brain injury disorders, mood and affective disorders, and in cases of co-morbid developmental disorder.

- In many cases, people experience faster recovery in days or weeks, rather than months.
- A minimally invasive, and safe procedure that does not interfere with other therapeutic interventions.
- On-site team specializes in administration of Combination Therapy of TMS/ketamine and select interventional pain procedures.

“We can help the depressed or anxious patient or person with neuropathic pain or dual-diagnosis of substance use disorder with mood/anxiety co-morbidity patient to avoid treatment-failures,” said Dr. Best. TNC offers a combination of general psychiatry, nature-based management based on testing, and rTMS or Combination Therapy of TMS/ketamine to provide a comprehensive treatment plan. “We are adept in the everyday application of the most modern clinical interventions, tempered by decades of clinical experience and the accumulated wisdom of our affiliated academic experts.”

About The Neuroscience Center



Dr. Steve Best invented and patented the Combination Therapy of TMS/ketamine that is bringing groundbreaking relief to suffering. The Neuroscience Center team has applied rTMS to more private patients than any other provider in the United States over the last 25 years. TNC maintains the highest medical standards with proper medical personnel on site during all patient treatments. TNC also offers HBOT (Hyperbaric Oxygen Therapy).

Learn more at neuroscience.md or call 847-236-9310.

Treatment Is Available

Are you a parent, spouse, or an individual who has tried everything possible to find the right help—but don't know where to turn or are not seeing the results you desperately need?

Treating the Toughest Cases of PTSD and Other Brain Injuries or Illnesses

There is a significant number of people who seek treatment for brain health related problems (PTSD, depression, disabling and chronic pain syndromes, traumatic and non-traumatic brain injuries, consequences of Lyme disease, panic disorder, addiction, and more) but find conditions are too complex for accurate diagnosis and treatment; are treatment-resistant; or have found that trial-and-error protocols are not working.

We Can Accurately Diagnose Your Condition

At The Neuroscience Center, we have more than 50 years of experience in accurately diagnosing these conditions and providing innovative clinical, multi-modal treatments to help our patients recover and get back to life.

We Are the Most Experienced rTMS Provider in the U.S. With Over 25 Years Experience

One of our tools is a ground-breaking interventional Combination Therapy which utilizes the synergistic effects of TMS co-administered with intravenous ketamine therapy, resulting in a more effective overall treatment of mood and chronic pain disorders. Our SPECT (brain testing) and other diagnostic tools assure an accurate diagnosis and help us define the right treatment plan. And most important—our clinic is properly staffed with highly trained medical staff who are onsite at all times during consultations and treatments. Another tool is HBOT which can be invaluable in cases of brain injury as one part of a treatment plan.

There is help. Give us a call.

The Neuroscience Center
Practical Approach. Cutting Edge Therapies.

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