



When you tune your brain, you tune your life

Date : February 27th, 2023

To Whom It May Concern:

As Chief Medical Officer and Interventional Psychiatrist for a thriving group Psychiatry practice, Karma Doctors & Karma TMS in Southern California it is my pleasure to share our positive experiences with the use of Dr. Kevin Murphy's PrTMS protocols.

We have been utilizing TMS (Transcranial Magnetic Stimulation) for our Psychiatry patients for over a decade. Whilst the results with standard TMS protocols have resulted in symptom improvement with our patients, the introduction of Personalized qEEG based Magnetic Stimulation protocols (PrTMS) particularly in complex comorbid disorders has been a paradigm shift in the positive direction for our practice. For instance, with Dr. Murphy's supervision, we utilized PrTMS for a military surgeon who had suffered from TBI (Traumatic Brain Injury), severe Depression, and PTSD (Post Traumatic Stress Disorder). We had tried Medications, Psychotherapy, and Neurofeedback with modest improvement in his sleep, nightmares, sadness, and lack of joy. Following four weeks of PrTMS, he reported consistent improvement with his symptoms that continue to remain in remission after one year. Another patient who was treatment resistant to the conventional modalities suffered from Long Covid leading to Brain fog, Anxiety, Depression, and Cognitive deficits (memory problems). He responded remarkably well to PrTMS within a few weeks, after having experienced a full year of severe disability related to his professional and interpersonal roles. In addition to these complex presentations that have responded well to PrTMS, it has been our experience that routinely patients tolerate the low frequency and intensity of personalized treatments that are tailored to their brain wave frequencies.

We are looking forward to collecting objective outcomes related data utilizing PrTMS at our practice in California this year to add to the growing literature and evidence based studies being conducted at various centers in the United States including with the Department of Defense. Please feel free to touch base with me anytime to discuss our approach and experiences in utilizing PrTMS.

Sincerely,

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