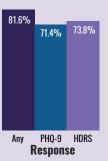


MISCONCEPTIONS THAT LIMIT TMS REFERRAL

Question 1: Is there "Proof" that dTMS is superior to rTMS? YES

The nature of the rTMS coil (figure-8 coil) only allows for a very small 0.7 cm diameter surface electric field. For a visual reference, picture something about the size of a pencil eraser (1). Studies show that the DLPFC is "missed" between 30%-65% of the time when using rTMS due to the small active magnetic field coupled with a need for precise targeting of the DPLFC (1). If there is no activation of the DLPFC, there can be no activation of the sgACC (2). These factors render treatments with rTMS consistently unreliable. In contrast, the DLPFS is never missed using the FDA approved dTMS technology (1), provided by Katie's Way+.

Figure 1 The total stimulated brain volume at 120% MT (Motor Threshold) is 17 cm³ for the H1-coil (dTMS) compared to just 3 cm³ for the figure-8 coil (rTMS) protocol in the treatment of depression (1). The H1-coil induces supra-threshold fields at depths of 1.8 cm

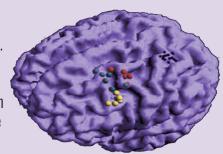




beneath the cortical surface, compared to only 0.7 cm for the figure-8 coil (rTMS). Deep TMS together with medication shows a significant increase in remission rates, compared to medication alone.

Figure 2 The "5-cm rule". The specific coordinates before and after the standard positioning of a figure-8 coil (rTMS) using the "5-cm

rule" are visualized on an image of the brain (view onto the left frontal cortex). The small black dots (diagram A) indicate the optimal sites for stimulation of the hand motor area. The larger colored green and red dots indicate the coil



positions arrived at by application of the "5-cm rule". The DLPFC was targeted correctly in just 7 out of 22 of subjects (yellow dots) (1).

Question 2: Is dTMS Cost-Effective Compared to Conventional Treatments or Meds? **YES**

STAR D is a highly regarded study of medication effectiveness for depression. The study concluded that "about one-third of the participants reached remission and about 10-15 percent more responded" (2). There are numerous publications, none of which account for death, lifetime spousal support, disability, etc. (2). dTMS has been consistently found as a superior cost-effective intervention as compared to all other conventional interventions. dTMS is a dramatically cheaper intervention as confirmed in several partial and lifetime studies (3)(4).

Remission Rates :	dTMS	Anti-Despressant Med. Trails
First Treatments	65 %	33%
Second Attempt	N/A	22%
Third Attempt	N/A	12% or less

NOTE: dTMS Remission Rate: 65% (3).

Question 3: Is it appropriate to use "Depression" as a primary diagnosis? **YES**

"About 85% of patients with depression have significant anxiety, and 90% of patients with anxiety disorder have depression" (3). Therefore, depression as a primary diagnosis, by all accounts, appears to be reasonable.

NOTE: A diagnosis of depression has nothing to do with disability a rating being more likely than PTSDS, anxiety, or any other similar diagnosis (5)(6)(7)(8).

Question 4: Can I refer to dTMS as the first treatment a patient receives? **YES**

YES. See TRICARE POLICY MANUAL, Chapter 7, Section 3.8. The ONLY criteria for a dTMS referral is that the patient be over 18, the referring provider deems dTMS to be the most appropriate form of treatment, and the care must be authorized prior to treatment (11).

NOTE: Ratings are determined based on level of impairment, not the diagnosis that allegedly caused an impairment (12).

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Beneficiary Full Name:			
Date of Birth: Beneficiary State of Residence:			
Dear Provider,			
Please complete the letter of attestation below and request letter or attach it to your online request.	return as indicated on the additional information		
TRICARE Policy Manual, Chapter 7, Section 3.8 au (TMS) for the treatment of major depressive disord coverage criteria.	thorizes coverage of transcranial magnetic stimulation der when medically necessary and consistent with		
In order for TMS to be covered, the care must be prior authorized and the provider must attest that the following statement is true:			
\square Beneficiary is 18 years or older, and			
☐ The beneficiary has failed to respond to	a less intensive form of treatment, or		
☐ A less intensive intervention is not more	e appropriate.		
Federal Services, LLC or designee may perform a roverify the accuracy of the information reported on t			
Additional information:			
Provider's printed name and title:			
□MD			
Advanced practice registered nurse (APRN) State			
Check to attest: ☐ As an APRN, I attest I can p and training to administer T	ractice independently and within the scope of practice MS.		
TIN:			
Signature:			
Date:			

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