

The patient has current chronic migraine, in a background of previous migraine with aura. She had used topiramate, valproic acid, propranolol, and nortriptyline for pain prophylaxis and ibuprofen, different triptans and NSAIDs for attacks, coupled with life-style modifications and physical activity 3 x week. rTMS was added as an adjuvant treatment a few months previously. She answered the following questions:

Are the treatments recommended in the consensus (tDCS/rTMS) available in your region?

Answer: I believe these treatments are not widely available, especially because they are not yet available in the public health system, which in fact is a general problem with several non-pharmacological treatments for chronic pain. There are still too few professionals trained to use these treatment tools too. I have visited three physicians in the last two years and such an approach has not been proposed before as an adjuvant to medication for pain relief.

b) What was the efficacy in pain reduction and improvement in quality of life in your case?

Answer: I still expect total efficacy in my case, given that I still undergo maintenance sessions. But my headaches had intensity around 8-10/10 and now they reach 7/10 in their worst intensity. Also, I had monthly attacks that now only come once every 2 months. Therefore I could say I had pain improvement and amelioration in my quality of life.

c) Is the treatment cost-effective in your opinion?

Answer: Yes, it was. When I take into account all the financial resources I spent with the drugs, and medical consultations I have already used for headache control this year, and their respective impact, I believe that the pain improvement is cost-effective.

d) Have you experienced significant side effects?

Answer: I was prepared by the health care professionals about the possible side effects and followed after the sessions. I actually had headaches after

some sessions, but that was it. I did not consider these side effects as significant.

e) In your view, how should this treatment be integrated to the treatment you were already receiving for your pain condition?

Answer: I believe health care professionals should come together to adjust medication down titration, prescription of an optimized and individualized physical activity program for the patient and the use of manual analgesic therapy during pain exacerbations.



tDCS	1	2	3	4	5	6	7	8	9	10	Total
Antal et al., 2011	✓	✓	✓	✓	✓		✓	✓	✓	✓	9/10
Antal et al., 2010	✓	✓	✓	✓	✓		✓	✓	✓	✓	9/10
Auvichayapat et al., 2012	✓	✓	✓	✓	✓		✓	✓	✓	✓	9/10
Ayache et al., 2016	✓			✓	✓			✓	✓	✓	6/10
Brietzke et al., 2016	✓	✓	✓	✓	✓		✓	✓	✓	✓	9/10
Donnell et al., 2015	✓	✓		✓	✓			✓		✓	6/10
Fagerlund et al., 2015	✓	✓		✓			✓	✓		✓	6/10
Fregni et al., 2006	✓	✓		✓	✓		✓	✓	✓	✓	8/10
Gabis et al., 2009	✓	✓		✓	✓	✓	✓	✓	✓	✓	9/10
Hagenacker et al., 2014	✓	✓	✓		✓	✓	✓	✓		✓	8/10
Hazime et al., 2017	✓	✓	✓	✓	✓		✓	✓	✓	✓	9/10
Kim et al., 2013	✓	✓	✓	✓	✓		✓			✓	7/10
Luedtke et al., 2015	✓	✓	✓	✓	✓		✓	✓	✓	✓	9/10
Mendonça et al., 2016	✓		✓	✓	✓		✓	✓	✓	✓	8/10
Morin et al., 2017	✓	✓	✓	✓	✓	✓	✓	✓		✓	9/10
Oliveira et al., 2015	✓	✓	✓	✓	✓		✓	✓	✓	✓	9/10
Riberto et al., 2011	✓			✓	✓		✓	✓	✓	✓	7/10
Sakrajai et al., 2014	✓	✓	✓	✓	✓		✓	✓		✓	8/10
Soler et al., 2010	✓	✓		✓	✓	✓	✓	✓		✓	8/10
Souto et al., 2014	✓	✓	✓	✓	✓		✓	✓	✓	✓	9/10
To et al., 2017	✓	✓		✓	✓			✓		✓	6/10
Wrigley et al., 2013	✓	✓	✓	✓	✓		✓	✓	✓	✓	9/10
Valle et al., 2009	✓	✓		✓	✓		✓	✓		✓	7/10
Volz et al., 2016	✓	✓		✓	✓		✓	✓	✓	✓	9/10

Supplementary Table 2

rTMS	1	2	3	4	5	6	7	8	9	10	11	Total
Ahmed et al., 2011	✓		✓	✓	✓		✓	✓	✓	✓	✓	8/10
Attal et al., 2016	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	9/10
Boyer et al., 2014	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	9/10
Dall'Agnol et al., 2014	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	9/10
Fricová et al., 2013	✓	✓	✓	✓	✓		✓	✓		✓	✓	8/10
Hosomi et al., 2013	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	9/10
Kang et al., 2009	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	9/10
Khedr et al., 2005	✓		✓	✓	✓		✓			✓	✓	6/10
Khedr et al., 2014	✓		✓	✓	✓		✓	✓		✓	✓	7/10
Leung et al., 2016	✓		✓	✓	✓		✓			✓	✓	6/10
Leung et al., 2017	✓	✓	✓	✓	✓			✓		✓	✓	7/10
Ma et al., 2015	✓			✓						✓	✓	3/10
Malavera et al., 2016	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	9/10
Medeiros et al., 2016	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	9/10
Mhalla et al., 2011	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	9/10
Misra et al., 2013	✓	✓		✓	✓		✓	✓		✓	✓	7/10
de Oliveira et al., 2014	✓	✓	✓	✓	✓		✓	✓		✓	✓	8/10
Onesti et al., 2013	✓	✓		✓				✓		✓	✓	5/10
Passard et al., 2007	✓			✓	✓		✓	✓	✓	✓	✓	7/10
Picarelli et al., 2010	✓			✓	✓		✓	✓		✓	✓	6/10
Shimizu et al., 2017	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	9/10
Short et al., 2011	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	9/10

Supplementary Table 3