

Case study from a migraine study presented in Berlin: significant reduction of migraine days with the help of K.O.S.

During The German Migraine and Headache Society's congress in Berlin, Dr. Tim P. Jürgens presented a case study from Chordate's migraine study. The case study accounts for one of the participating patients, a 45-year-old woman, whose days with migraines decreased significantly, from 18 to 8 days per month, with the help of K.O.S. The positive effect of the K.O.S. treatment lasted for four months without further treatment sessions.

"The case study is a good example of a migraine patient who, for various reasons, cannot medicate with drugs typically prescribed for chronic migraines, and who experiences a very positive effect from K.O.S. A reduction from 18 to 8 migraine days per month, combined with a four-month sustained effect, is a significant positive outcome. It demonstrates the great potential of K.O.S. as a new treatment option for individuals suffering from chronic migraines and who do not respond to other existing treatments," says Jan Hermansson, Clinical Research & Medical Director at Chordate Medical, who was present in Berlin.

The case study was authored by Florian Rimmele together with Tim P. Jürgens and Peter Kropp at the Department of Neurology, Headache Center North-East, University Medical Center Rostock. Below is an excerpt from the case study:

A 45-year-old female patient with a long history of chronic migraine with visual auras presented to our headache center. In addition to systemic mastocytosis with evidence of a KIT-D816V mutation, the patient suffers from bronchial asthma, recurrent depression, and anxiety disorder. On average, the patient had migraine on 18 days/month. Due to mastocytosis and allergic reaction to multiple substances, acute medication was only possible with tramadol, which showed only moderate effect. The established medicinal migraine prophylactics could not be used because of various contraindications; the patient reacted allergically to the considered amitriptyline and also the multiple injections of a prophylaxis with onabotulinumtoxinA are contraindicated in mastocytosis.

The patient received kinetic oscillatory stimulation (K.O.S.) in a double-blind, randomized placebo-controlled trial. Over 6 weeks, weekly stimulation of 10 minutes per nostril was given, under which the migraine improved very well and a reduction to an average of 8 migraine days/month was achieved. The patient reported no side effects during the stimulation therapy. After completion of the study and unblinding, the patient could be assigned to the test (verum) group. The improvement effect lasted for 4 months.

Conclusion

In this particular case, established migraine prophylactic medication was not possible in a patient with chronic migraine, due to her other medical conditions, especially systemic mastocytosis. K.O.S., which was performed as part of a study, proved to be a well-tolerated and long-lasting prophylactic.

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About Chordate

Chordate Medical Holding AB (publ) is a medical technology company that has developed, patented and CE-marked a neuromodulation and drug-free treatment technology for chronic migraine and chronic nasal congestion (rhinitis), Kinetic Oscillation Stimulation (K.O.S). The treatment has clinically proven efficacy according to a recent study, and is marketed in Finland, Germany, the UK, Italy, Israel, and Saudi Arabia. Chordate Medical is listed on Nasdaq First North Growth Market Stockholm (ticker: CMH). Read more at www.chordate.com

The company's Certified Adviser on Nasdaq First North Growth Market Stockholm is Västra Hamnen Corporate Finance AB.

N.B. The English text is an in-house translation of the original Swedish text. Should there be any disparities between the Swedish and the English text, the Swedish text shall prevail.

Attachments

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