

## **TREATMENT WITH ACCAMPROSATE AND PIREBREDIL**

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Nowadays, the treatment of tinnitus is still a great challenge for the otolaryngologists. Many facts remain unknown in its pathophysiology, leading to many different therapies, with irregular results. The acamprosate is a drug used in alcoholism treatment, due to its regulating effects in glutamatergic and GABA-ergic neurotransmission, and has never been used before in the treatment of tinnitus. Aim: To evaluate efficacy and safety of the acamprosate in the treatment of sensorineural tinnitus. Study design: randomized clinical trial. Material and Method: 50 patients with sensorineural tinnitus were divided in two groups: 25 received acamprosate and 25 placebo, for a period of 3 months, in a prospective double-blind study, being analyzed for its efficacy and safety, among a subjective rate given for the patient from 1 to 10 (visual-analogue scale). Results: We found a high index of success in the relief of tinnitus, about 86,9%. In 47,8% of the cases we found more of 50% of relief. The incidence of side effects was low, 12%, all of them mild. Conclusion: The acamprosate, a drug used in the treatment of alcoholism, is a safe and successful alternative for neurosensorial tinnitus' treatment.