



## Otitis Externa

This study examined the effects synchronizing pulse waves in the impaired area when treating patients suffering from acute diffuse otitis externa with low-level magnetic fields in combination with conventional therapies. Patients were divided into three groups. The first received ultrahigh-frequency or very-high-frequency electromagnetic waves. The second received 15-minute daily exposures to 50- Hz alternating or pulsating 20-mT magnetic fields. The third group of patients were treated switching on the same magnetic fields only during propagation of the pulse wave through the ear vessels. Results showed a 100 percent recovery rate in patients across all three groups, with recovery taking the least amount of time among those in group 3. **(1)**

### **Citations:**

**(1)** V.V. Sunstov, Treatment of Acute Diffuse Otitis Externa Low-Frequency Magnetic Fields, Vestn Otorinolaringol, 6, 1991, p. 35-38.

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