Deafness References

Antioxidants and hyperbaric oxygenation in the treatment of sensorineural hearing loss in children

Article in Russian

Muminov AI, Khatamov ZhA, Masharipov RR.

Efficiency of hyperbaric oxygenation (HBO) in combination with antioxidants was studied in 36 children aged 1-14 years with neurosensory hypoacusis vs standard treatment. A course of HBO consisted of 10 sessions (1.4 atm) for 40 min. The response was registered in 72.2% patients. It manifested in improvement of sound perception at 5-25 dB. The highest effectiveness was seen in acute neurosensory hypoacusis.

Thus, HBO in combination with antioxidants is recommended in combined treatment of neurosensory hypoacusis in children.

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