

Zastosowanie masażu wibracyjno-ciśnieniowego i wibroaerozoli w leczeniu chorób ucha środkowego u dzieci i młodzieży

Vibro-pressure massage and vibro-aerosols in treatment of the middle ear diseases in children and youth

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Summary

Otitis media with effusion and eustachitis occur very often in childhood. In dependence on advanced of otitis media with effusion and eustachitis, we use surgical and nonsurgical treatment. In short-term otitis media with effusion and eustachitis performs tympanotomy, insufflation of the Eustachian tube by Politzer and Valsava's methods and vibro-pressure massage AMSA. The aim of this study is estimation of efficacy vibro-pressure massage AMSA in otitis media with effusion and eustachitis in children. The study population consisted of 34 children and youth aged between 3—17 years with otitis media with effusion or eustachitis. In all people we performed 10 procedures of vibro-pressure massage AMSA administered 4 mg dexamethasone in vibro-aerosol. Efficiency of treatment was estimated by comparison otolaryngology examination, pure tone audiometry and tympanometry. In 76,7% ears with eustachitis we observed correct results of examinations of hearing acuity after treatment. It was more two times better than in children with otitis media with effusion. Vibro-pressure massage AMSA 10 times with 4 mg dexamethasone in vibro-aerosol is good method in treatment of eustachitis. In otitis media with effusion isn't efficacious enough. In this case we recommended tympanostomy tube.

