

Analiza wskazań ortodontycznych do leczenia operacyjnego przerostu pierścienia Waldeyera u dzieci w materiale Kliniki Otolaryngologii i Instytutu Stomatologii CMUJ w Krakowie

An analysis of indications orthodontic for surgical treatment of Waldeyer ring hyperplasia in pediatric patients of the Otolaryngology and Stomatology Department of the University Hospital of Krakow

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Summary

Introduction. The lymphatic system of a child's throat has got a special role to play. It is the first line of contact for a developing organism with antigens in the environment. For a particular group of children Waldeyer ring hyperplasia is much bigger than it is for a usual group of patients. And that's what causes different illnesses **Aim.** The analysis of ortodontic indications for surgical treatment of adenotomy and tonsillotomy. **Material and method.** The research was conducted on a group of hospitalized children in the Otorhinolaryngologic and in Stomatology Departament of Jagiellonian University Hospital in Krakow. The were treated for pathologic hypertrophy of adenoid and palatine tonsils. The analysis of occlusion disorder was carducted and the assessment of surgical and orthodontic treatment was performed. **Results.** In the years 2002-2006 in the Otorhinolaryngologic and in Stomatology Departament of Jagiellonian University Hospital in Krakow 24 children were being treated for pathologic hypertrophy of adenoid and/or palatine tonsils accompanied by an occlusion disorder. **Conclusions.** Adenotomy with or without tonsillotomy is one of the most frequently performed surgical operations on children. Throughout many years the indications for this procedure were infringed. Nowadays the operation is being performed mainly because of the rhinological and/or otological indications for the pathologic hypertrophy of adenoid and/or palatine tonsils. There is also another indication although it is less frequently used. This indication is an occlusion disorder which needs to be treated orthodontically.