

Abstract

The aim of the thesis is the examination of respiratory and postural changes on examined group of children after adenoidectomy and evaluation, whether it is recommended in post-operative phase to indicate respiratory physiotherapy for the examined children. The theoretical part of the thesis deals with the anatomy, etiology and symptomatology, which accompanies adenoid hypertrophy. Furthermore, there is a description of the kinesiology examination and complete methodology of respiratory physiotherapy and more. In the practical part of the thesis there is a statistic analysis of the examination of 20 children after adenoidectomy and control group investigation. Examination content is the thoracic respiratory excursion (breathing amplitude) and orientational examination of lungs function (PEF, FEV 0,5, FEV 0,75 and FEV1) using digital Peak Flow Meter. The part of the thesis i also kinesiology analysis and questionnaire filled up before adenoidectomy and 3 weeks after operation.