

BACHELOR THESIS ABSTRACT

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Title: Myofunctional therapy in patients with orofacial disorders

Abstract:

This bachelor thesis deals with the issue of myofunctional disorders in the orofacial area and the possibilities of therapy. The work is a case study character and consists of theoretical and practical parts.

The theoretical part provides an overview of the current knowledge about myofunctional disorders and therapeutic approaches. It covers an anatomy and ontogenetic development of the orofacial area, physiology of speech development, etiology, symptomatology, diagnosis, and possibilities of prevention of myofunctional disorders. The theoretical part also includes an overview of selected therapeutic concepts and part about cooperation with pediatric patients. The practical part demonstrates the use of myofunctional therapeutic concept in the form of case studies of two pediatric patients. A partial goal of the work was create an educational brochure to facilitate self-therapy for parents and their children at home.

After studying the literature and applying the concept, it was shown that myofunctional therapy improve muscle tone and motor skills of the lips and tongue, increase tongue muscles strenght, and optimizes resting position of the tongue, which pathology is risky for further orofacial difficulties.

Key words: myofunctional therapy, orofacial area, speech disorders, malocclusion, facial muscle hypothonia, mouth breathing