



THE USE OF ELASTIC BANDAGE IN TREATMENT OF SPEECH THERAPY IN PATIENTS POST ORTHOGNATHIC SURGERY

Andressa Gouveia de Araújo^{1*}, Nilian Cerqueira Azevêdo², Mateus Saulo Dantas Correia e Sá³.

ABSTRACT

Introduction: The orthognathic surgery is realized for the correction of maxillo-mandibular disproportions, providing improvement in aesthetics and setting a harmony between anatomical structures. As it is a readjustment of these structures, these patients may present a demand for speech therapists interventions, either in pre or post-operative with the objective of set a new functional pattern suitable to the new form. **Objectives:** To describe the experience regarding the effectiveness of patients post orthognathic surgery with the use of elastic bandage associated with speech therapy. **Local:** Specialized Center in Rehabilitation of the municipality of Maceió. **Methods:** A descriptive study of the experience in patients submitted to the orthognathic surgery. **Interventions and lectures** were realized in order to solve the doubts regarding speech therapy. The purpose of the action is to realize anamnesis, evaluation and speech-language intervention, focused on the area of orofacial motricity, in patients who entered the rehabilitation center and looked for phonoaudiological demand after orthognathic surgery. **Results:** Five patients who had realize orthognathic surgery to correct maxillo-mandibular disproportion were observed. Initially, a anamnesis speech-language pathology was realized, with the objective of knowing the clinical history and demand of each patient. Then, evaluations were carried out based on validated protocols, in order to analyze how was the structures and functions related to orofacial motricity, in order to draw up the therapeutic plan of these patients. Of the five patients initially mentioned, four presented a demand to apply for elastic bandage associated with the performance of speech therapy. The sessions were performed once a week, where orofacial myofunctional exercises were performed during therapy and finished with the application of elastic bandage. At the end of one year of observation, it was possible to verify that patients who used elastic bandage presented a faster rehabilitation process, when compared to those who did not, remaining in speech therapy for up to six months. **Conclusion:** Through the present report, it is possible to verify the effectiveness of the elastic bandage application in clinical practice, presenting as a positive point regarding the effectiveness of speech therapy.

Keywords:

Speech-Language Pathology, Dental Surgeon, Functional Bandage.

*Correspondence to Author:

Andressa Gouveia de Araújo

How to cite this article:

Andressa Gouveia de Araújo, Nilian Cerqueira Azevêdo, Mateus Saulo Dantas Correia e Sá. THE USE OF ELASTIC BANDAGE IN TREATMENT OF SPEECH THERAPY IN PATIENTS POST ORTHOGNATHIC SURGERY. Internal Journal of Sports Medicine and Rehabilitation, 2019; 2:9



eSciPub LLC, Houston, TX USA.

Website: <https://escipub.com/>