



45. MORPHO-FUNCTIONAL RESTORATION OF THE LATERAL GROUP OF TEETH

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Introduction. The health and aesthetics of teeth are a determining indicator of the quality of life for all humanity. Therefore, nowadays aesthetics has become a primary concern for patients, with an increasing number turning to this branch of dental medicine, through which the morpho-functional restoration of teeth occurs with the help of dental restorations. These, in turn, provide patients with healthy dental structures, a healthy periodontium, as well as normal neuro-muscular functions. Additionally, they offer a new shape to the teeth along with a charming smile that restores self-confidence. Sometimes, a charming smile can even represent the 'ace up the sleeve' in social situations, where outcomes often depend on image, regardless of the nature of the relationships, whether diplomatic or affective. Aesthetics here becomes the final foundational puzzle piece in fostering beautiful relationships and impressions.

Aim of study. Identification and highlighting of modern aspects regarding the preparation and methods for the morpho-functional restoration of the lateral group of teeth, as well as the utilization of materials for restorations.

Methods and materials. In this study, 15 patients aged 21-46 years, including 9 women and 6 men, were examined and treated. After the paraclinical and clinical examination, At 5 patients, direct dental restorations were performed on posterior teeth using the composite material "Charisma Classic," while at 10 patients, restorations on posterior teeth were carried out using the composite material "G-aenial Posterior." Both materials provide excellent aesthetics and good adaptation to hard dental tissues. Charisma Classic Gluma 2 Bond, G-aenial Posterior and G-aenial Universal Flo Syringe were used to ensure an effective treatment. Also, for these restorations was used the Microbrush Stamp Technique, the method that involves the anatomical reconstruction of the tooth structure.

Results. Patients exposed to the morpho-functional restoration treatment of the lateral group of teeth, through the Microbrush Stamp Technique, using state-of-the-art composite materials, showed satisfactory results and remarkable dental aesthetics.

Conclusion. The dental restorations performed on these patients, using the Microbrush Stamp Technique, significantly reduced the treatment time and restored the exact anatomy of the occlusal surface of the molars, providing remarkable aesthetics due to modern working methods and standards.

Keywords. Teeth, smile, restoration, image.