

Correction of gingival smile with gingivoplasty associated with botulinum toxin: Clinical case report

Abstract

Gingival smile is a problem that affects the self-esteem of many patients, leading them to seek aesthetic treatment in dental offices. Among the various types of treatments for this gingival aesthetic correction are the myectomy, orthognathic surgery, lip repositioning, gingivoplasty and botulinum toxin application. This study aimed to demonstrate, by means of a clinical case report, the correction of the gingival smile through the surgical procedure of gingivoplasty and application of Botulinum Toxin. In the present clinical case, a surgical 3D-printed guide, in resinous material, was made from intraoral scanning of the teeth and gums. The final result showed that the execution of this step provided the improvement of the architecture, of the gingival plane and the references to the gingival incisions during the surgical act.

Descriptors: Gingivoplasty. Botulinum Toxins Type A. Dental Esthetics. Gingivectomy. Smiling.

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