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Introduction. Complete or partial maxillary posterior edentulism is frequently encountered in dentistry. These conditions occur 35 times more frequently than complete mandibular edentulism opposing maxillary teeth. Functional and aesthetic rehabilitation following tooth loss in the posterior maxilla necessitating dental implant placement and implant-supported reconstructions are widely accepted and well established in reconstructive dentistry.

Aim of the study. Optimization of implant-prosthetic rehabilitation of patients with severely atrophic posterior edentulous regions of maxilla by elaborating minimal invasive procedures of endosseous dental implant placement.

Materials and methods. Were examined 2 patients with severely atrophic posterior edentulous regions of maxilla. The common complaints include difficulty during mastication, esthetic and phonetic disorders. The clinical examination revealed the lack of teeth in the lateral areas of the maxilla. The para-clinical examination was performed, including: panoramic radiographs and CT scans, general and biochemical analysis of blood. Patients were treated using sinus grafting procedure by lateral access with simultaneous implant placement.

Results. Creation of a new concept for protection of physiological reparatory forces in order to facilitate the osseointegration process of implants.

Conclusions. Sinus augmentation surgery with simultaneous implant placement is a predictable procedure that enables implant-prosthetic rehabilitation of the edentulous atrophic posterior maxilla with a very high implant survival rate.

Key words: lateral sinus lifting, augmentation, implant

351. MEDICAL CASE REPORT ABOUT THE GOLDEN NUMBER IMPACT ON FACIAL AESTHETIC PROPORTIONS

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Introduction. Pi, the golden number, the embodiment of the concealed key of the Universe, has been influencing architecture, painting, sculpture, music and nature since time immemorial. Amongst its many applications, the golden number has had the greatest impact on the harmony of the human body, particularly to Dento-Maxillary Device.

Aim of the study. To enunciate the importance of the golden ratio in dental aesthetic and the necessity of keeping the Divine Proportion when undertaking dental treatments.

Material and methods. The study involved 71 patients from different ages, which were checked with a golden compass, taking measurements to establish in what respect the noncompliance to the golden proportion affects the patients' physiognomy.

Results. The results indicated that the patients showing a noncompliance to the golden dental proportion also display variations of facial features and physiognomy.

Conclusions. According to the study, it was noticed that respecting the golden proportion in the size and arrangement of the teeth, especially the upper frontal teeth, has a great effect on the outside perception of their smile and their pleasant look.

Key words: Pi, golden proportion, facial aesthetics