

MODERN ASPECTS IN THE TREATMENT OF COMPLETE EDENTULOUS

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Introduction

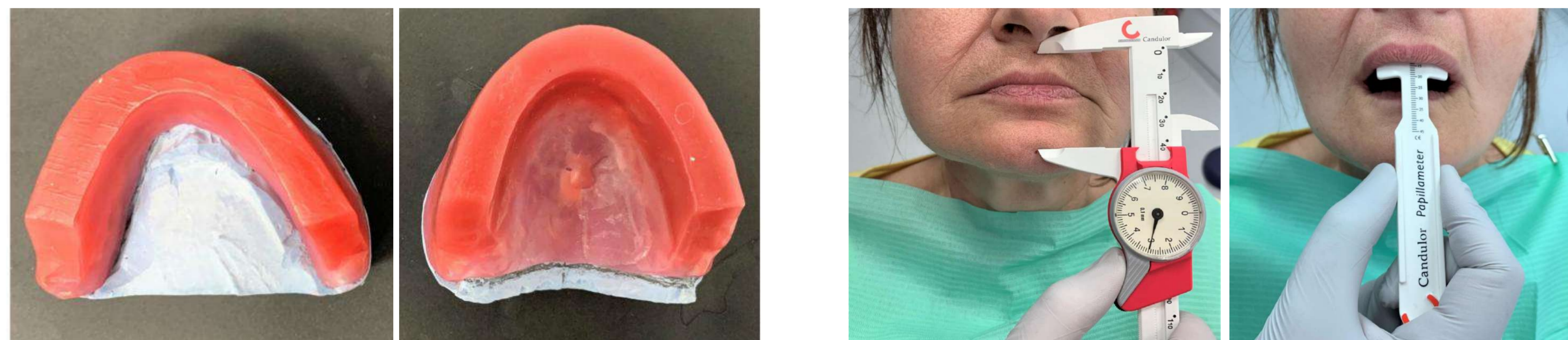
Tooth loss leads to alteration of the stomatognathic system homeostasis. The use of intraoral graphic system for centric relation registration, as well as fitting of the artificial teeth with the obtaining of the “lingualized” occlusion, are essential steps in achieving a correct total prosthesis.

Purpose

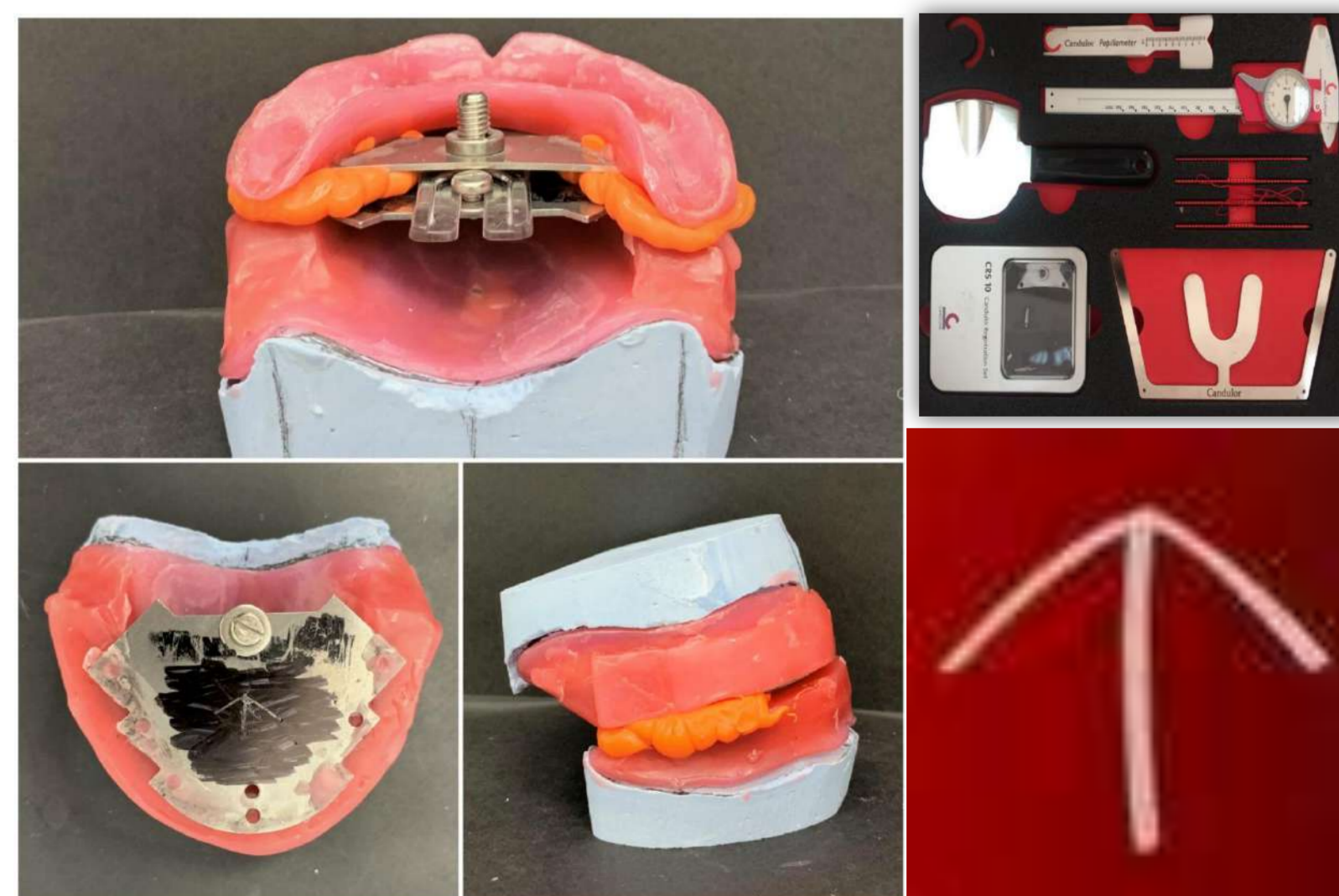
Determining the particularities of obtaining the state of functional equilibrium among complete edentulous patients treated with total prostheses.



1. Anatomic and functional impressions.



2. Determination of the Vertical Dimension of Occlusion (VDO), using record wax bases and schubler. Pappilometr records the lip closure line, therefore the length of the upper incisors.



3. Graphic registration of CR and lateral movements using the Gothic Arch.



4. Try in of the waxed-up dentures, adjustments of frontal teeth shape and size were made.



Referative patient with complete edentulism, Class II Schroder for maxilla, Class III Koller for mandible.

Material and methods

The study included 20 patients (14 women and 6 men), aged 59-79 years. The criteria for inclusion in the study were: the presence in patients of total bimaxillary edentations, with medium to severe atrophies. The study group was treated with total acrylic prosthesis. The materials used in the study were the Condyliform artificial tooth set and the Candulor set.

Results

Due to use of intraoral graphic system for centric relation registration and making of the total prostheses with “lingualized” occlusion, all the patients included in the study reported a high level of psychological satisfaction. Functional tests performed at the interval of 2 weeks, 1 month and 3 months, showed significant results in the retention and stability of the prosthesis, as well as in functional-aesthetic aspect.



5. Dentures delivered.

6. Lateral guidance

Conclusions

The use of intraoral graphic system for centric relation registration, as well as fitting of the teeth with the obtaining of the “lingualized” occlusion, are essential steps in achieving a correct total prosthesis with a major stability.

Keywords

Completely edentulous, lingualized occlusion, centric relation.