

## **MODELS AND THEIR TYPES USED IN ORTHOPEDIC DENTISTRY**

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**Resume:** The article provides an understanding of the models used in orthopedic dentistry and their types, the clinical and laboratory work to be done in the model. From Model species and methods of their study, there was a need to solve the medico-social problem and develop new technologies for effective complex treatment of patients with partial and complete absence of teeth.

**Keywords:** Working model, auxiliary model, prosthetic boundaries.

### **IMPORTANCE OF THE SUBJECT**

An urgent problem of modern dentistry is the study of adentia in patients, the prevention of which is the cause of the complete or partial absence of teeth is orthopedic treatment. One of the most basic parts in orthopedic treatment is the model. The model is a positive image of soft and hard tissues of the oral cavity. In the dental office, a model is burned into the mold taken in the laboratory after the colip is taken in the clinical etap. there are types of models in the tail.



Diagnostics. They are poured to clarify the diagnosis, study the tissue characteristics of the prosthetic area, and plan the design features of the orthopedic structure. Such models are one of the diagnostic types. They are performed before and after treatment, sometimes during it working model - the boundaries of the prosthesis are drawn and used to create the prosthesis. the auxiliary model is taken from the jaw opposite the prosthesis Models are created using dental materials. They are made in dentistry by an orthopedic doctor or a dental technician in a laboratory. They can be operational and diagnostic. If two different types of plaster are used, it is called a combined non-separable model. They are working models produced by the dentist, divided into separate segments and widely used in the production of metal-ceramic structures. Refractory models are used to pour metal into them and are made of fire-resistant materials

The purpose of the study. to know the types of models so that the soft tissues are clearly visible in the models, as the prosthetic fixation in partial and complete edentulism is performed due to

anatomical and physical retention, and therefore, it is fixed as a vacuum and remains stable during movement.

#### **MATERIALS AND METHODS.**

After evaluating the quality of the mold, all types of models were cast using different types of plasters, and the requirements for the model were determined and the most effective in the preparation of prostheses was determined.

#### **RESULTS**

As a result of these inspections, all types of models were cast using different types of plasters, and the most effective in the preparation of prostheses was determined, and the stages and requirements of model preparation were determined.

#### **CONCLUSION**

The models and their types used in dentistry should have a good reflection of the soft tissues of the prosthetic area in partial and complete toothlessness and should be convenient for the preparation of the prosthesis with high accuracy.

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