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## Burgeoning Maxillofacial prosthetic materials

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### ABSTRACT

**AIM:** The objective of this study was to review various maxillofacial prosthetic materials, their physical properties and their advances in the field of prosthodontics.


**Background:** Maxillofacial materials range from simple polymers to a wide range of silicones. They evolved from simple acrylics to the most advanced silicones which gives a life like feeling to the prosthesis by undergoing several transformations according to the patient & society needs by omitting the drawbacks in the course of transformation.

**Review Results:** this article reviewed different maxillofacial prosthetic materials and described about the colouring pigments used, tissue-conditioners & detailed based on their composition, advantages, disadvantages and compared their physical and mechanical properties.

**Conclusion:** There were wide range of mfp materials right from the past to present, there is still need to improve the mechanical & physical properties to meet the daily social requirements

**Clinical significance:** In the process of maxillofacial reconstruction to meet the social acceptance in society material selection is of utmost important which can be achieved by appropriate selection of material depending on the form of replacement, retentive features used and colouring characteristics. These features tend to evolve with the increase in technology.

**Key words:** maxillofacial reconstruction, maxillofacial prosthetic materials, silicones, colouring pigments, tear strength, advances in MFP materials

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