

Complete denture

Complete denture terminology: definition and objective

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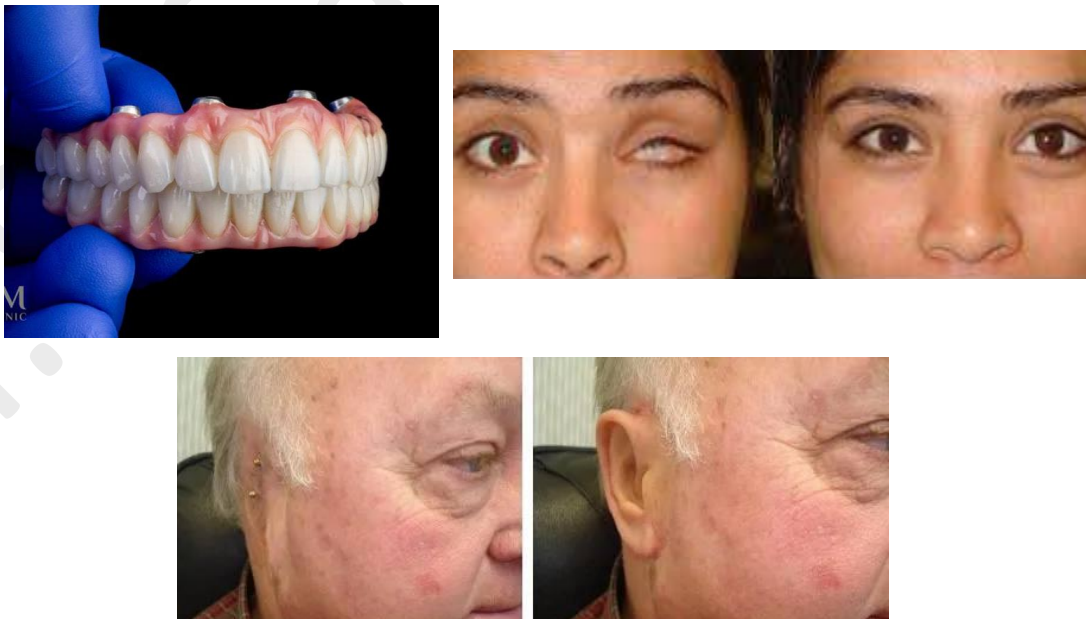
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Prosthesis: an artificial replacement for a missing part of the body.



Prosthodontics (Dental prosthetics): Is the branch of dental art and science which deals with the replacement of missing teeth, oral and maxillofacial tissues to restore and maintain oral form, function, appearance, phonetics and health.



Types of prosthodontics:

- **Fixed prosthodontics:** is the branch of prosthodontics that focuses on dental prostheses that are permanently fixed, e.g. Crowns and bridges.



- **Removable prosthodontics:** it is concerned with replacing the teeth and soft tissues with a non-permanent prosthesis that can be removed, e.g. partial and complete denture.



Complete denture prosthodontics: is defined as the replacement of the natural teeth in the arch and their associated parts by artificial substitutes.



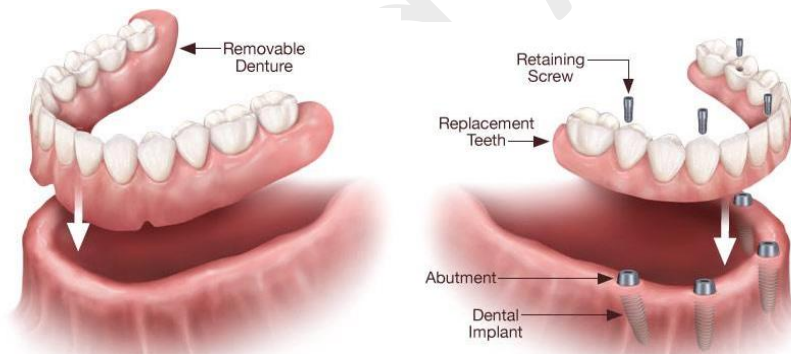
Complete denture: is a dental prosthesis which replaces the entire dentition and associated structures of the maxilla and mandible.



Classification of complete denture

It can be classified as:

1. Removable complete dentures
2. Fixed complete dentures



complete dentures are fabricated for:

1. geriatric patients.
2. young patients born with congenitally malformed teeth.
3. edentulous arches require complete dentures.

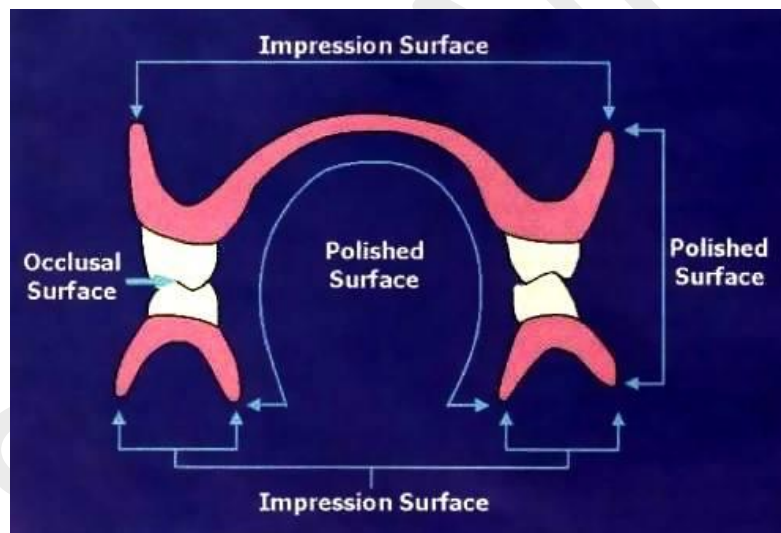
Functions of Complete Denture

1. **Aesthetics:** The complete denture should restore the lost facial contours, vertical dimension, etc.

2. **Mastication:** A complete denture should have proper balanced occlusion to enhance the stability of the denture.
3. **Phonetics:** One of the most important functions of a denture is to restore the speech of the patient.

Surfaces of Complete Denture

1. **Impression surface:** is the denture surface determined by the impression.
2. **Polished surface:** is the denture surface that starts from the border of the denture and includes the facial (labial and buccal), lingual and palatal Surfaces facing the cheeks, lips and tongue.
3. **Occlusal surface:** This surface refers to the occlusal surface of the denture teeth and it resembles the natural teeth.



Impression surface ←

Polished surface ←

Occlusal surface ←



Parts of a Complete Denture

1. Denture base.
2. Denture flange.
3. Denture teeth.
4. Denture border.

