



# INTRODUCTION TO DENTISTRY

Lecture Four  
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# TERMINOLOGY OF PROSTHODONTICS

مصطلحات منطقة التركيبات  
او الأستعاضات السنية



## **Dentulous**

An individual who has his/her natural teeth present.



## **Edentulous**

The individual who has lost his/her natural teeth. May be partial or complete.



# Prosthodontics

Branch of dentistry pertaining to the restoration and maintenance of oral function, comfort, appearance, and health of the patient

The word “prosthodontics” comes from the words “prostho” meaning replacement and “dontist” meaning teeth.



# Prosthesis

An artificial replacement of absent part of human body

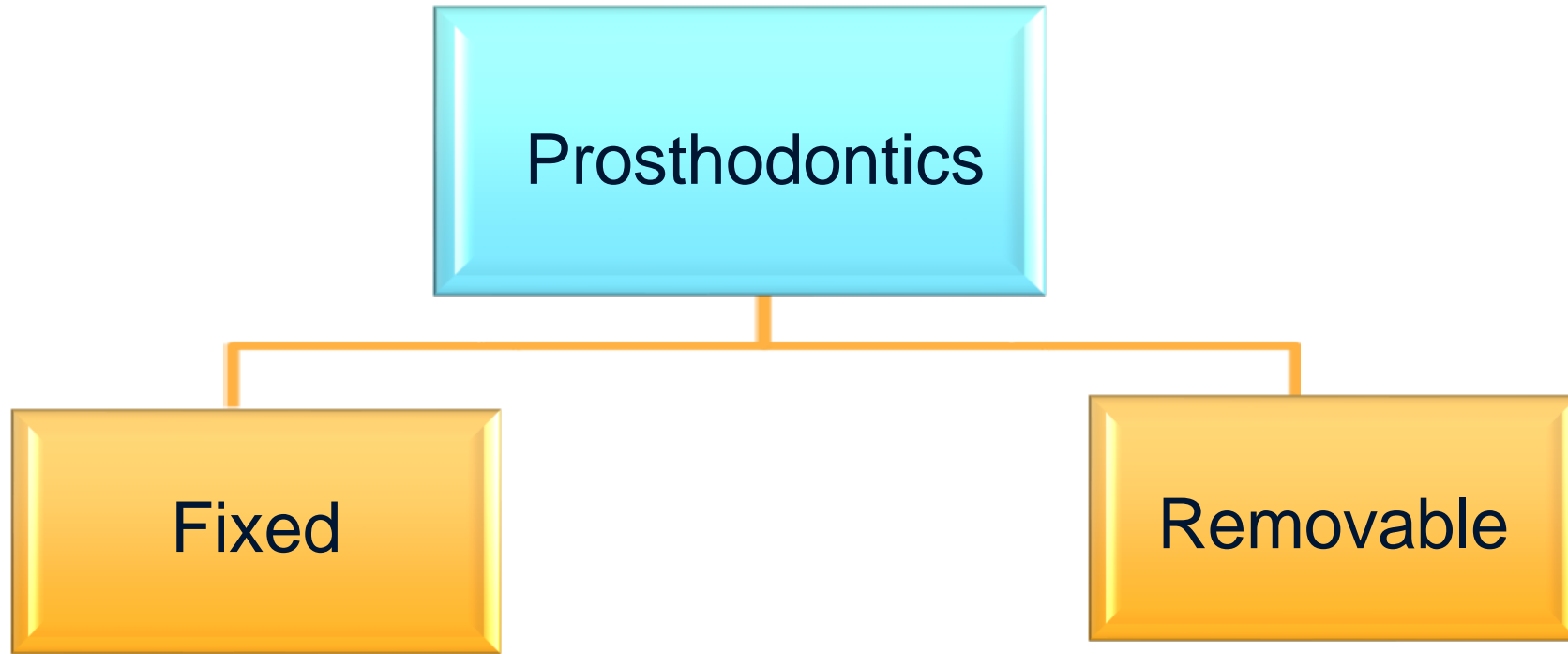


## Prosthetics

Replacements for missing parts of the human body



# Branches of Prosthodontics



## Other subspecialty

Implant prosthodontics is a sub-specialty that focuses on using implants (small titanium cylinders) to secure fixed prostheses in place inside the mouth.



## Other subspecialty

**Maxillofacial prosthodontics** is a subspecialty that focuses on correcting malformed or missing tissues and structures.

Maxillofacial prostheses can be intra-oral (inside the mouth) or extra-oral (outside the mouth).





# Prosthodontics

## Fixed

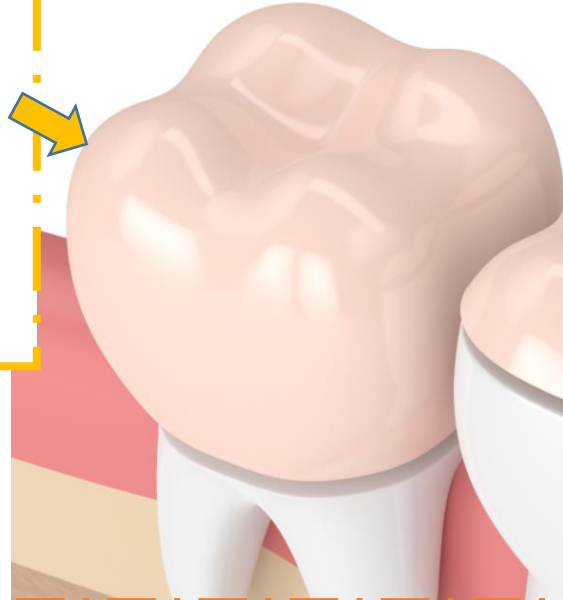
The prosthesis will be fixed to the natural tooth (Crown) or teeth (Bridge)

Fixed prostheses come in 5 forms: crowns, onlays, inlays, veneers, and bridges.

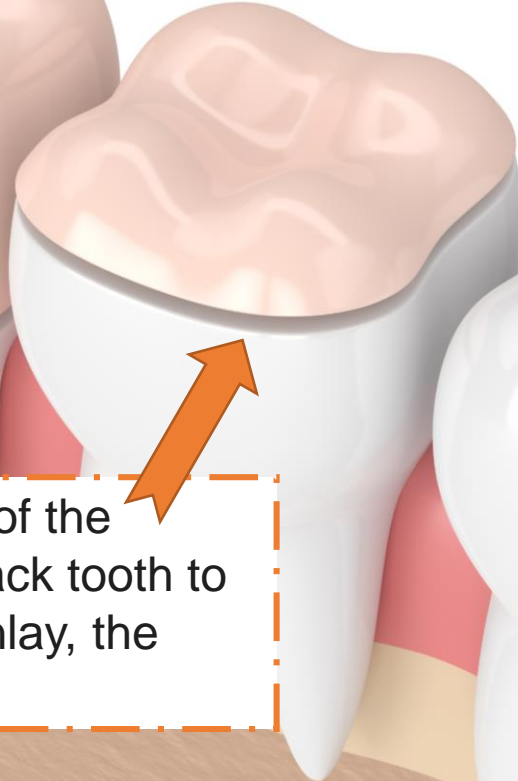


Also referred to as a "cap," a **crown** is formed into the shape of a tooth and used when there is enough damage to the tooth that it has to be covered completely in order to restore its health and function.

## Crowns



## Onlays



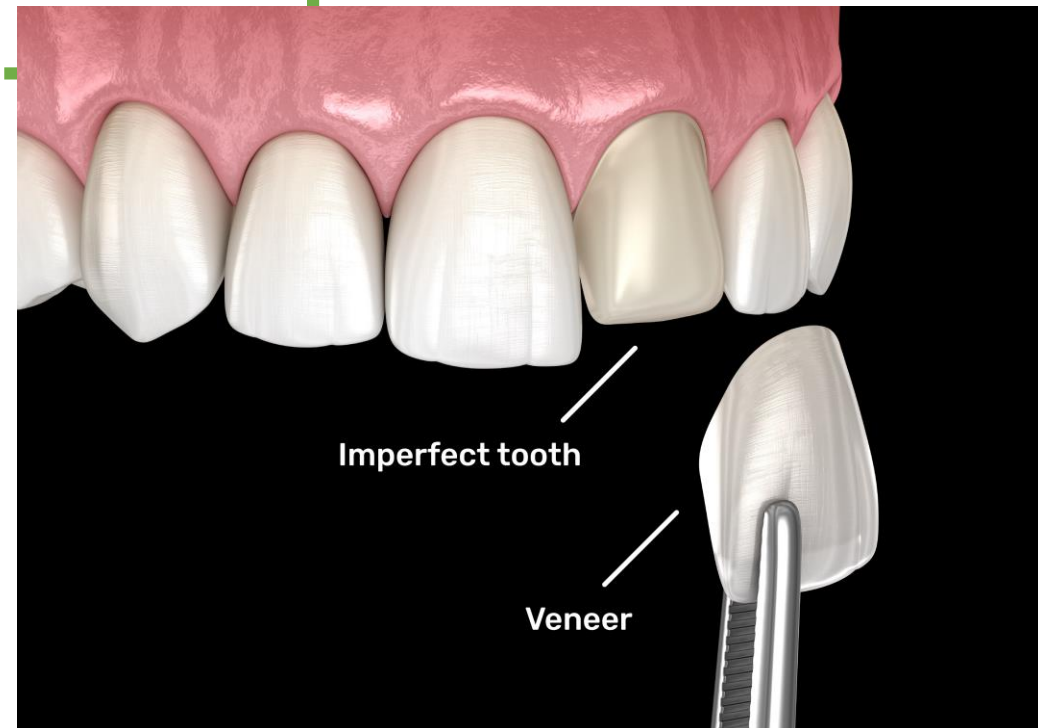
**Inlay** fits inside the tooth. They are typically used when a tooth is too damaged for a regular filling but still strong enough to not need a crown.

## Inlays



An **onlay** is similar to an inlay but cover more of the tooth's chewing surface, especially that of a back tooth to replace one or more of the cusps. Unlike the inlay, the onlay sits **on** the tooth rather than **in** it.

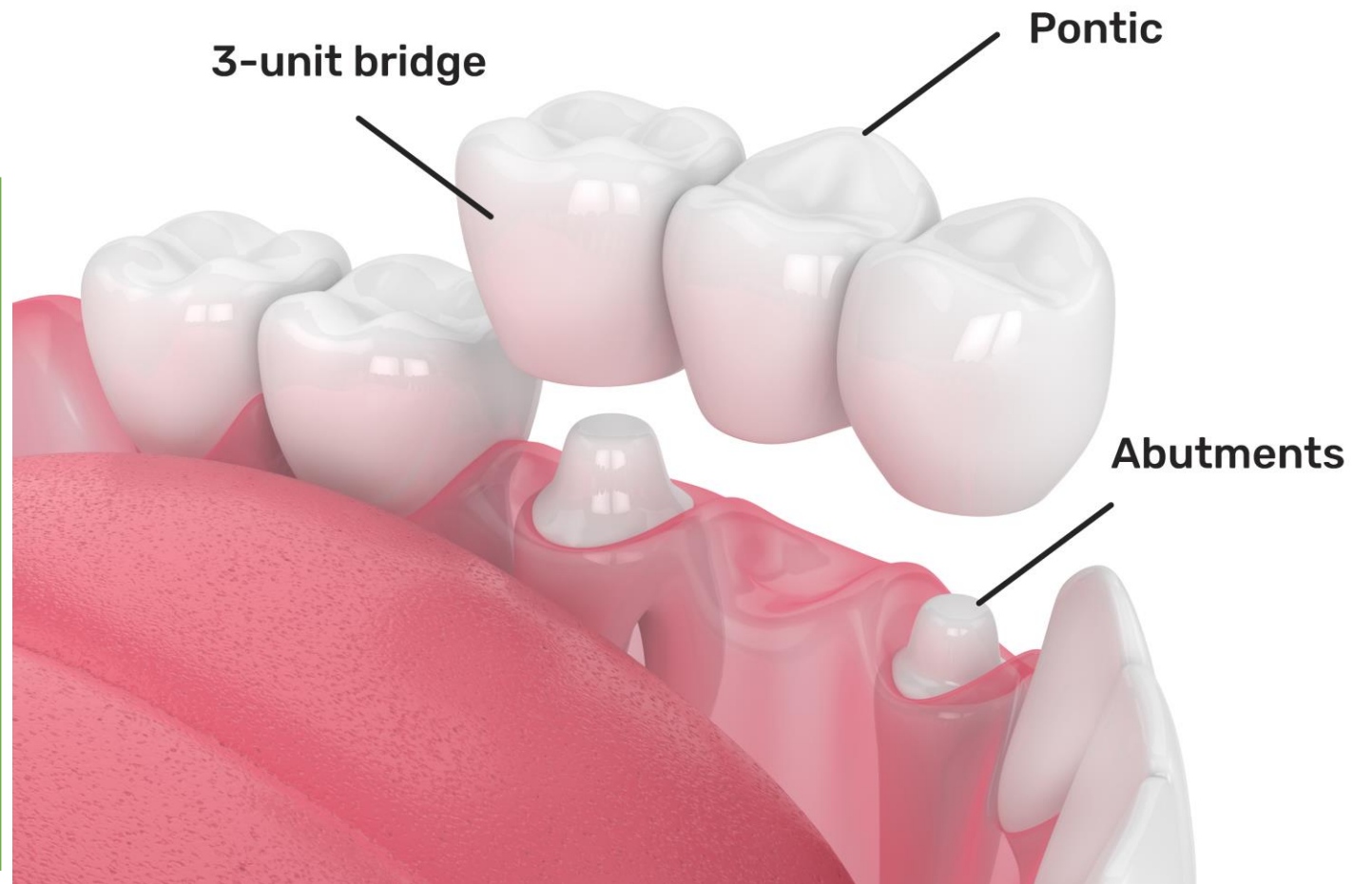
**DENTAL VENEERS** are special covers that are made to fit the front surfaces of teeth. They hide cracks, chips, stains, and other imperfections. Veneers are a popular choice for improving the smile.



Dental bridges are used to fill in gaps left by missing teeth, whether it is just one tooth or a whole row of teeth.

A bridge has two primary components:

- 1) The **PONTIC**: The artificial tooth that replaces the missing tooth.
- 2) **ABUTMENTS**, or supports, for the bridge are created by placing a crown on either a natural tooth or an implant.



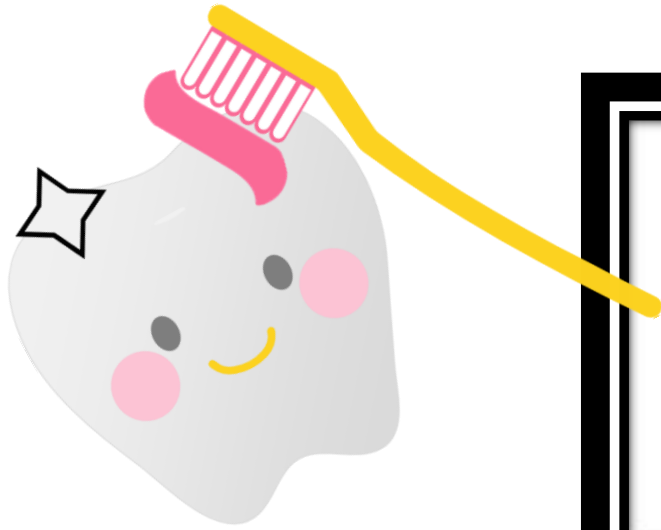
## Prosthodontics

Removable

The prosthesis (Denture) can be removed and mounted from the mouth by the patient.

If all teeth are missing it is called (Complete denture).  
If some teeth are missing it is called (Partial denture)





أكثر من 15 سنة تقريباً، ولا زالت الدراسات والأبحاث قائمة على هذه القطعة الأثرية الفريدة من نوعها، والتي عبارة عن أصابع قدم صناعية تجميلية وجدت في إحدى المومياوات المصرية، والتي يرجع عُمرها إلى ما بين عامي 950 - 710 قبل الميلاد.

لقد أدرك المصري القديم أنه بدون الإصبع الكبير، فالإنسان لا يستطيع أن يتوازن، لذلك ابتكروا صناعة أقدم طرف صناعي في تاريخ البشرية.

منقوله

