INTRODUCTION TO PROSTHODONTICS

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LUMHS
Skillfully designed dentures were made as early as 1700 BC using ivory & bone.

During medievals times, the denture were band-carved & tied in place with silk threads.

During 1700’s, most common material for false teeth were animal bone & ivory.

Similarly, human teeth were also used, either pulled from the dead or sold by the poor people.

In the same century silver, gold & mother of pearl (agate) were also used to make false teeth.
History

- In the 1700, introduction of plaster of paris & vulcanized rubber gave real background to prosthodontics.
- In 1774, full set of teeth were made by a material that would not rot.
- In 1808, steel pin is used to anchor the teeth.
- Revolution came with the discovery of modern dental plastics i.e acrylics.
- An important milestone in tooth replacement is the introduction of dental implants.
Different Terms

- **PROSTHETICS:** “The art & science of supplying artificial replacement for missing parts of human body.” (GPT 2005)

- **PROSTHODONTICS:** “The branch of dentistry pertaining to the restoration & maintenance of oral function, comfort, appearance & health of the patients by the restoration of natural teeth &/or missing teeth & contiguous oral & maxillo-facial tissues with artificial substitutes.” (GPT2005)
BRANCHES OF PROSTHODONTOICS

1. Fixed prosthodontics
2. Removable prosthodontics.
3. Implant prosthodontics.
4. Maxillo-facial prosthodontics.
PROSTHESIS:

- “An artificial device used to replace absent part” (GPT2005)
Types of prostheses

1) Removable partial dentures (may be cast or acrylic)
2) Removable complete dentures
3) Fixed partial dentures
4) Implant retained dentures
5) Overdentures
6) Immediate dentures
7) Maxillofacial prostheses
8) Splints
Removable Partial Denture
overdenture
Implant retained FPD

Replace missing teeth with implant retained bridges.
Immediate overdentures
Ocular prosthesis
obturator
TMJ Splints
Surgical stents