

Prosthetic Dentistry

PARTIAL DENTURE :

1.INTRODUCTION

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Removable Prosthodontics

The branch of Prosthodontics concerned with replacement of teeth and surrounding structures of edentulous or partially edentulous patients by artificial substitutes that are readily removable from mouth.

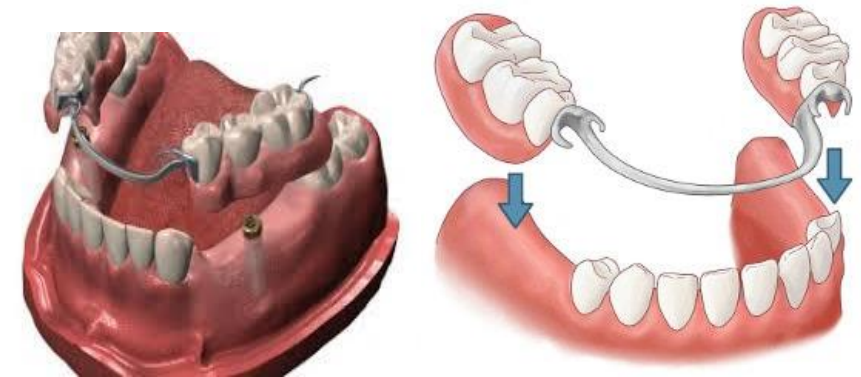
Interim or Provisional Denture

Dental prosthesis used for a short time for reasons of esthetics, mastication, occlusal support, convenience or for conditioning a patient to an artificial substitute for missing natural teeth until a more definite dental prosthesis can be provided.



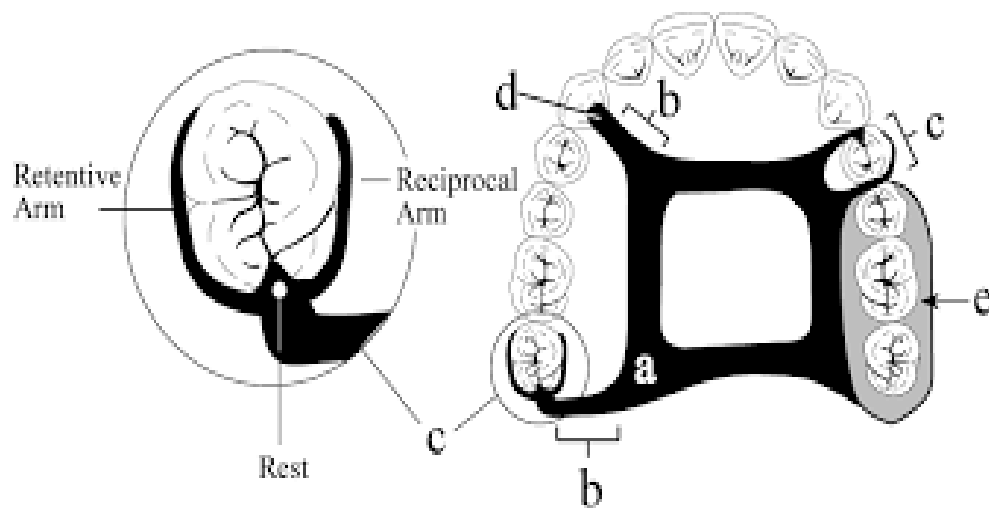
Permanent denture

which is intended to be used for long term.

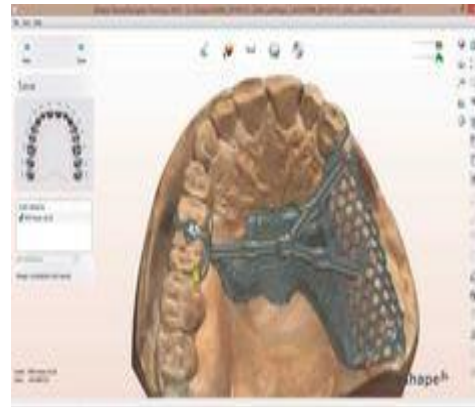


Components of RPDs

1. Major connectors (a).
2. Minor connectors (b).
3. Direct retainers (c).
4. Rests (d).
5. Stabilizing or reciprocal components (part of clasp assembly).
6. Indirect retainers (if prosthesis has distal extension).
7. Denture base (e).



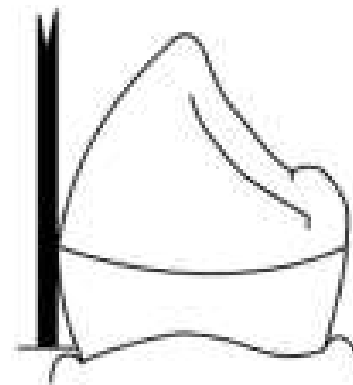
Partial denture's terminology



Dental impression is the negative physical form (or digital three-dimensional model) of the teeth and / or other tissues of the oral cavity.

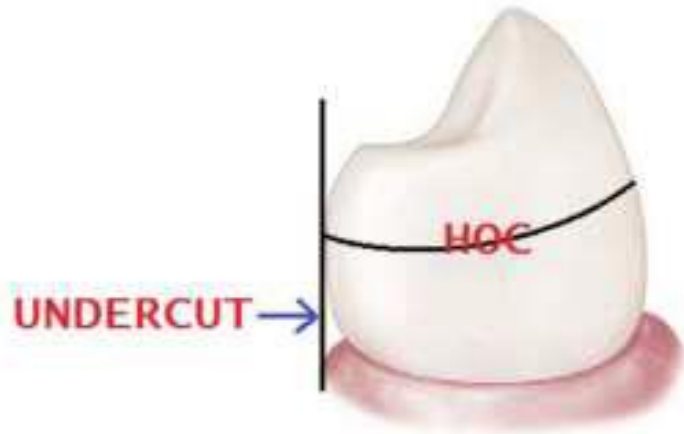


Dental cast is an accurate and a positive replica of a maxillary or mandibular dental arch.



Height of counter (HOC) A lines encircling a tooth, designating its greatest circumference

at a selected position determined by a dental surveyor.



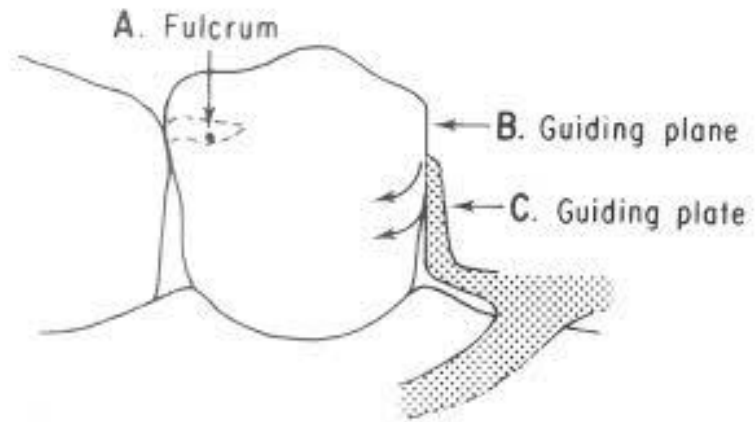
Undercut Portion of a tooth that lies between the HOC and the gingiva.



DENTAL CAST SURVEYOR An instrument used to determine the relative parallelism of two or more axial surfaces of teeth or other parts of a cast of a dental arch.



Abutment An abutment is tooth, a portion of a tooth or a portion of an implant that serves to support or retain a prosthesis.



Guiding plane Two or more parallel surfaces of abutment teeth shaped to direct a prosthesis during its placement and removal.