

## Steps of partial denture

Definition: Any prosthesis that replaces some teeth in a partially dentate arch. It can be removed from the mouth and replaced at will, also called partial removable dental prosthesis.



### Kennedy's classification

Edward Kennedy in 1925 proposed the classification of partially edentulous arches. Kennedy's classification is the most widely accepted classification

#### Class I

Bilateral edentulous areas located posterior to the remaining natural teeth



#### Class II

Unilateral edentulous area located posterior to the remaining natural teeth



### **Class III**

Unilateral edentulous area with natural teeth both anterior and posterior to it



### **Class IV**

Single bilateral edentulous area located anterior to the remaining natural teeth and crossing the midline

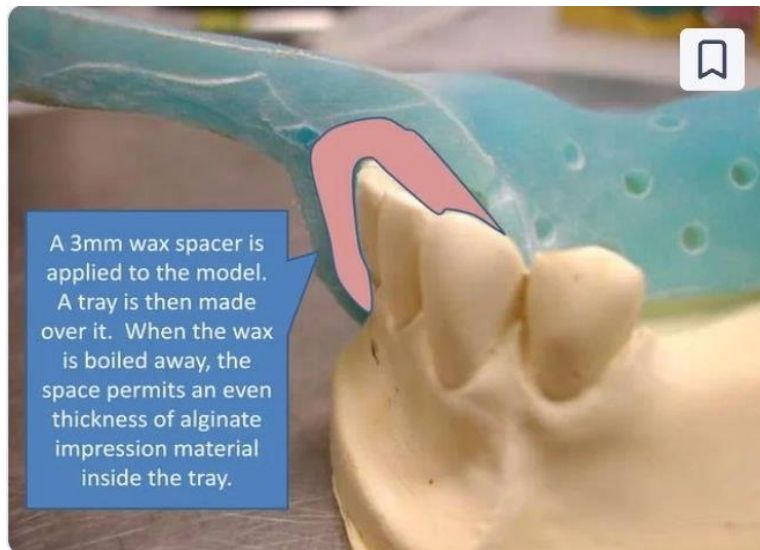


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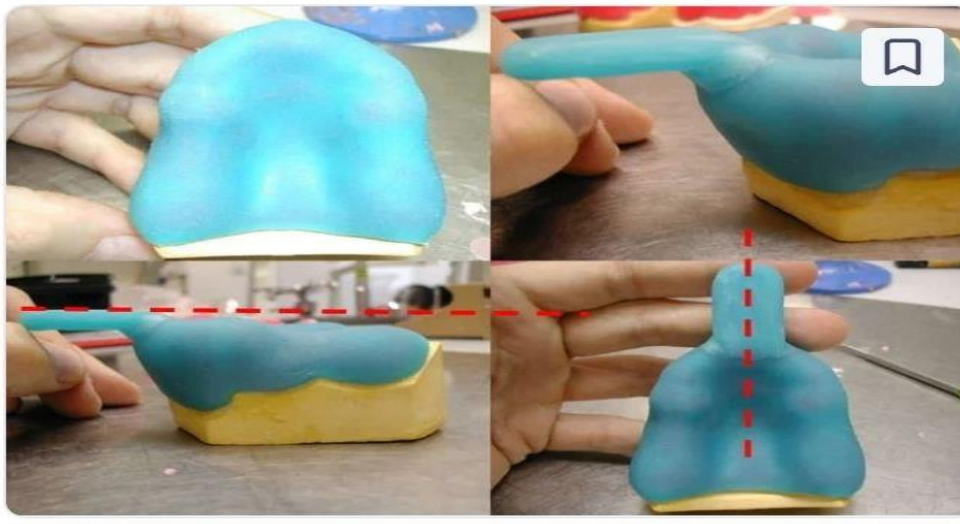
#### **BLOCK OUT OF UNDERCUT:**

Spacers help create and maintain the necessary space for the impression material to flow evenly and capture all necessary details of the oral structure.





## CONSTRUCTION OF SPECIAL TRAY



## PERFORATING TRAY

### ❖ Improved Adhesion of Impression Material

Perforations help the impression material to flow into the holes, creating a mechanical interlock. This enhances the adhesion between the impression material and the tray, reducing the chances of the material separating from the tray during the impression-taking process.

### ❖ Pressure Distribution

- Perforations may help distribute the pressure evenly on the impression material as the tray is seated in the mouth. This can lead to a more uniform impression and reduce the risk of distortion or deformation of the impression material.

