

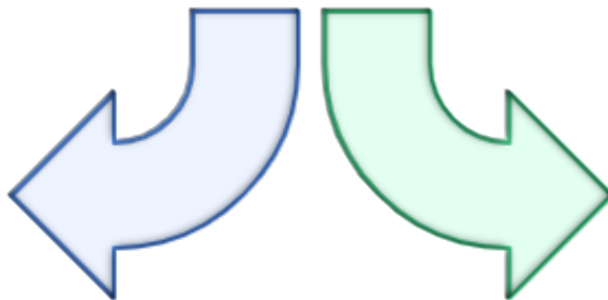


# Bar Attachments

**Which attachment type to use for  
overdentures?**

**Bar Attachments**

Offers greater stability and  
can compensate for  
divergent implants, suitable  
when vertical space is  
sufficient and hygiene is  
maintained.

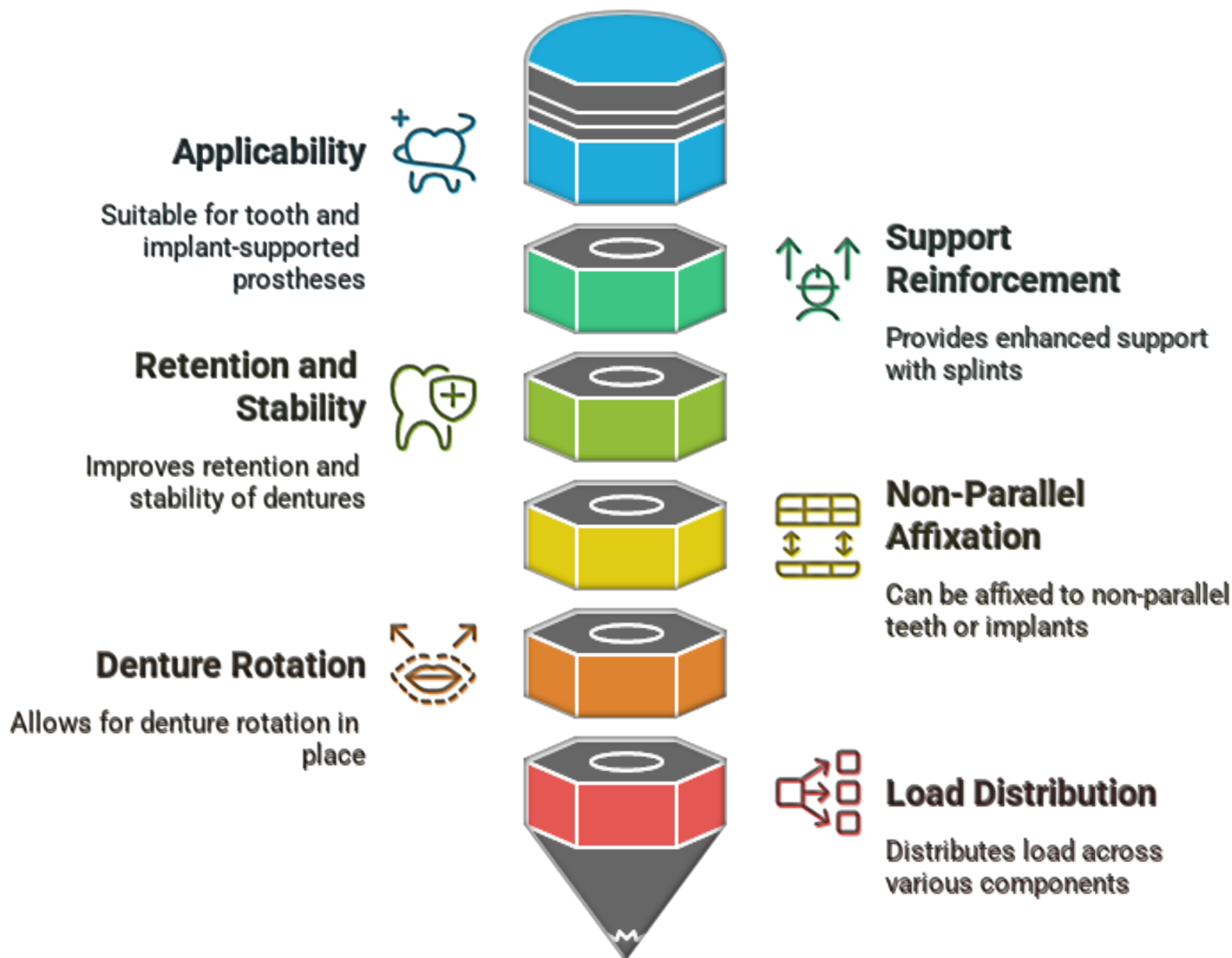


**Stud Attachments**

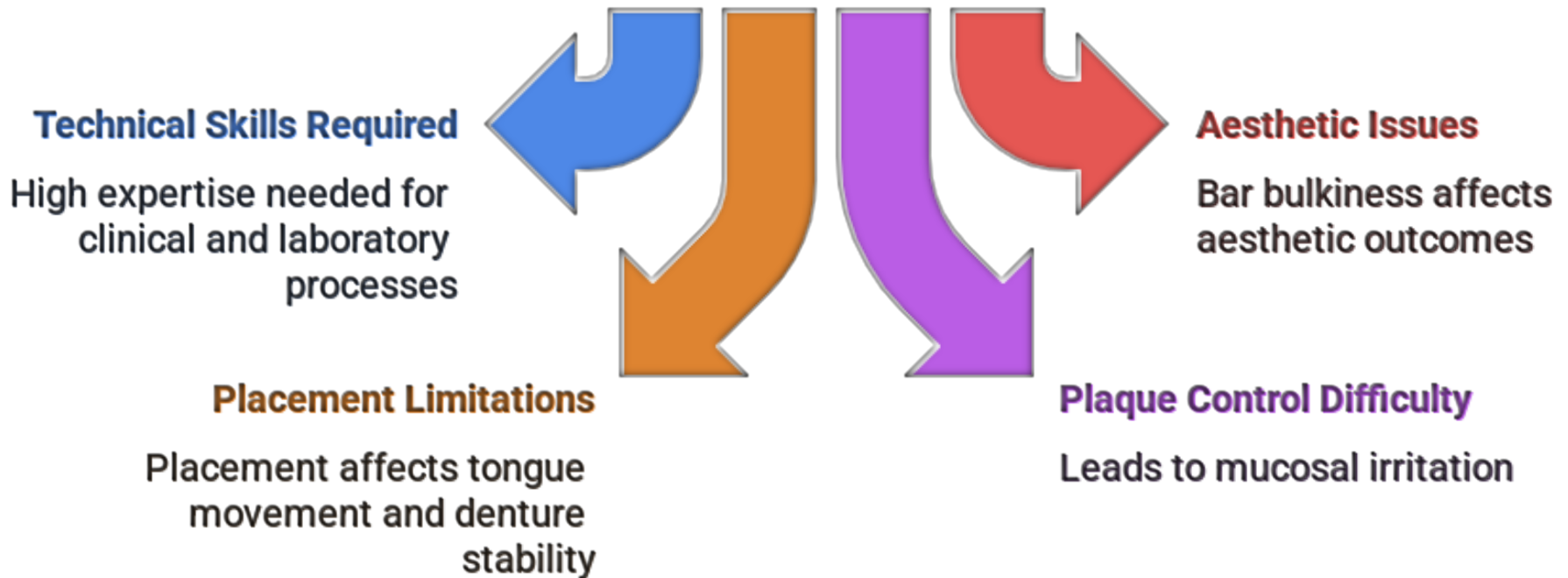
May be less stable for  
patients with flat or  
atrophied ridges, but could  
be preferred when vertical  
space is limited.

---

## Benefits of Bar Attachments in Overdentures



## Should bar attachments be used in tooth-supported overdentures?





How should  
clips be placed  
on the bar for  
overdentures?



### **Metal Clips**

Adjustable and wear-resistant but difficult to remove.



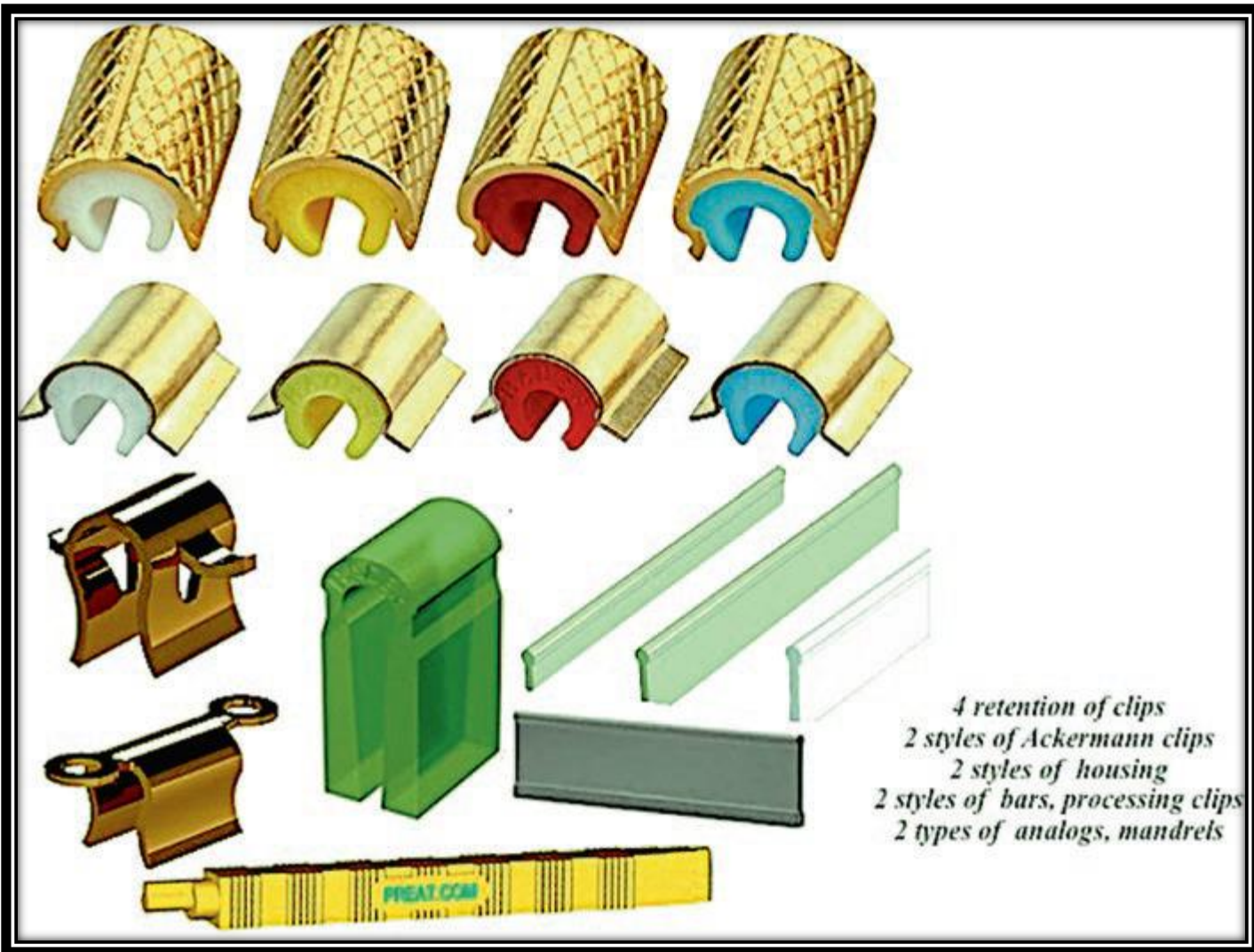
### **Plastic Clips**

Easy to insert and replace, integrated into denture base.

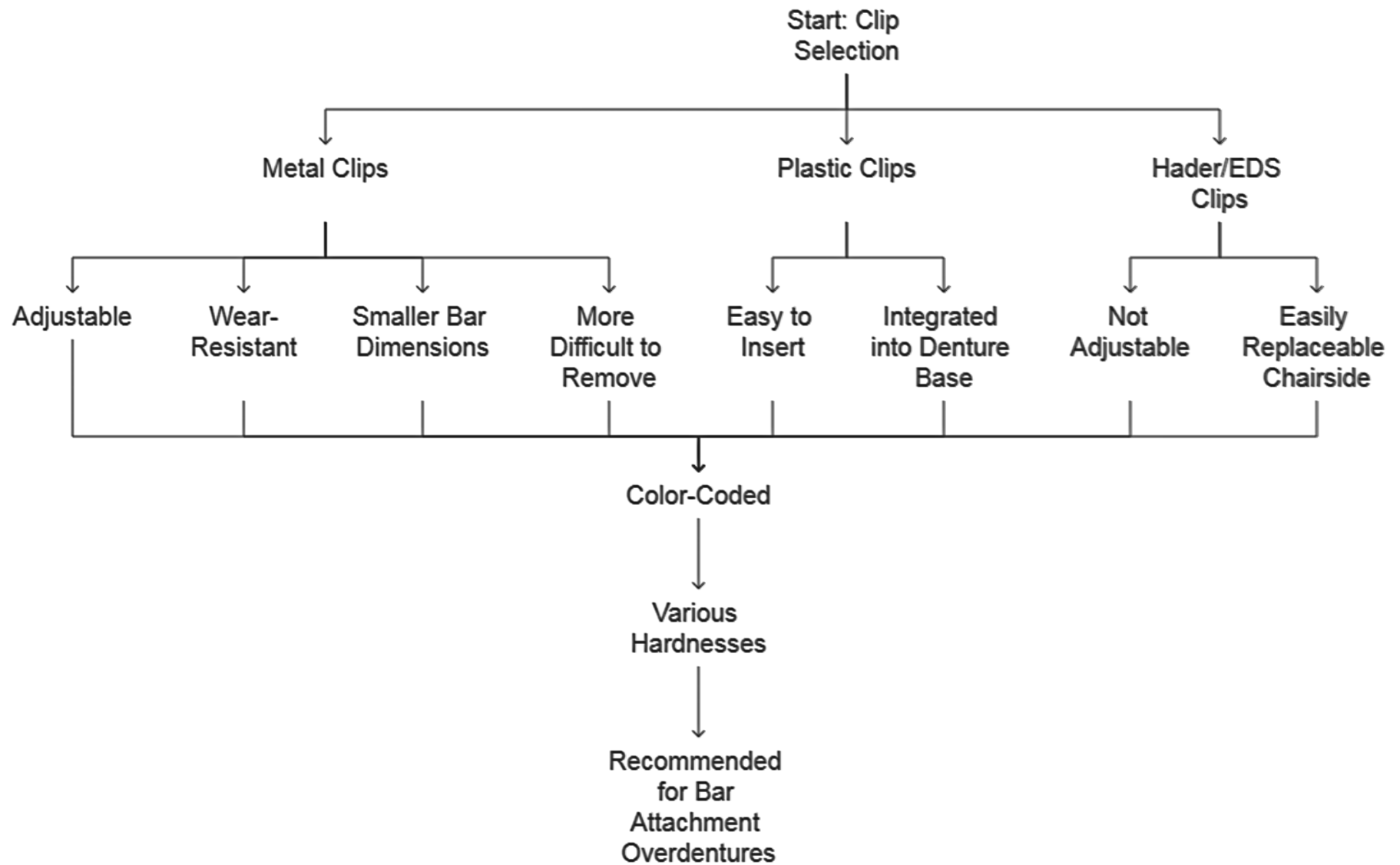


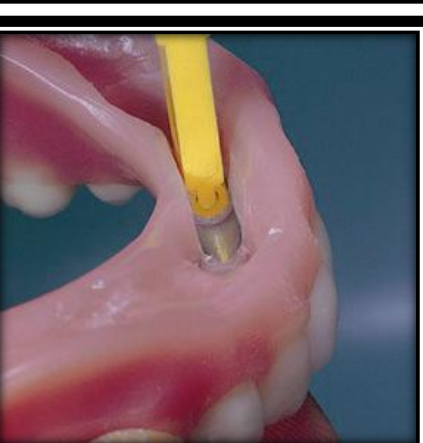
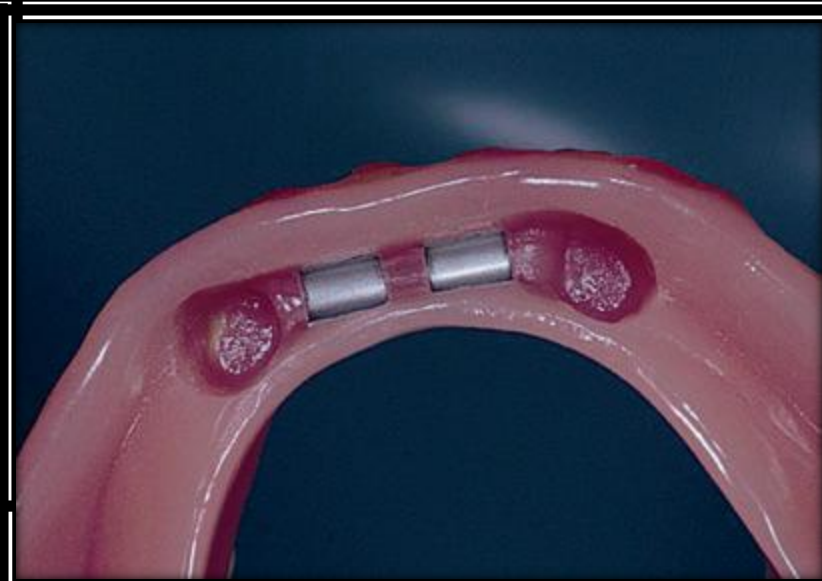
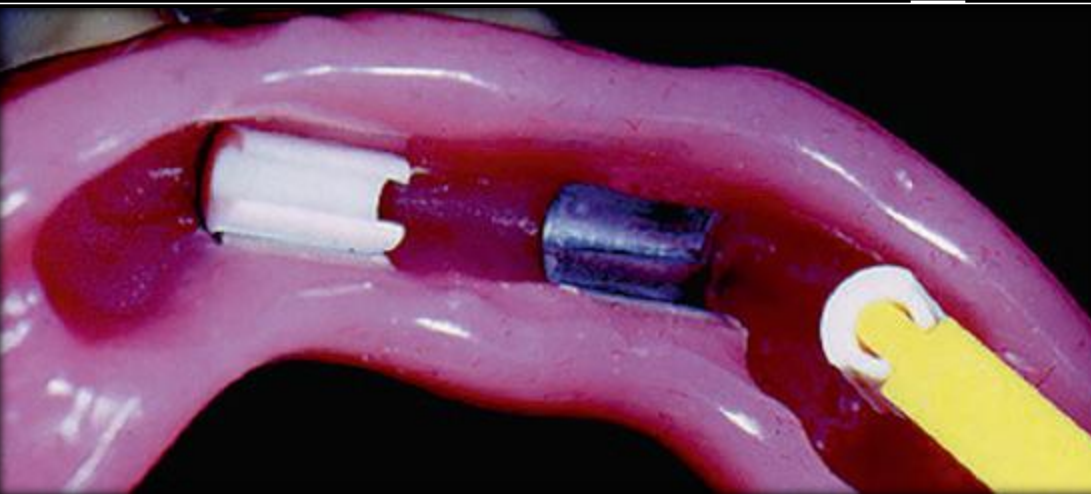
### **Hader/EDS Clips**

Easily replaceable but not adjustable.

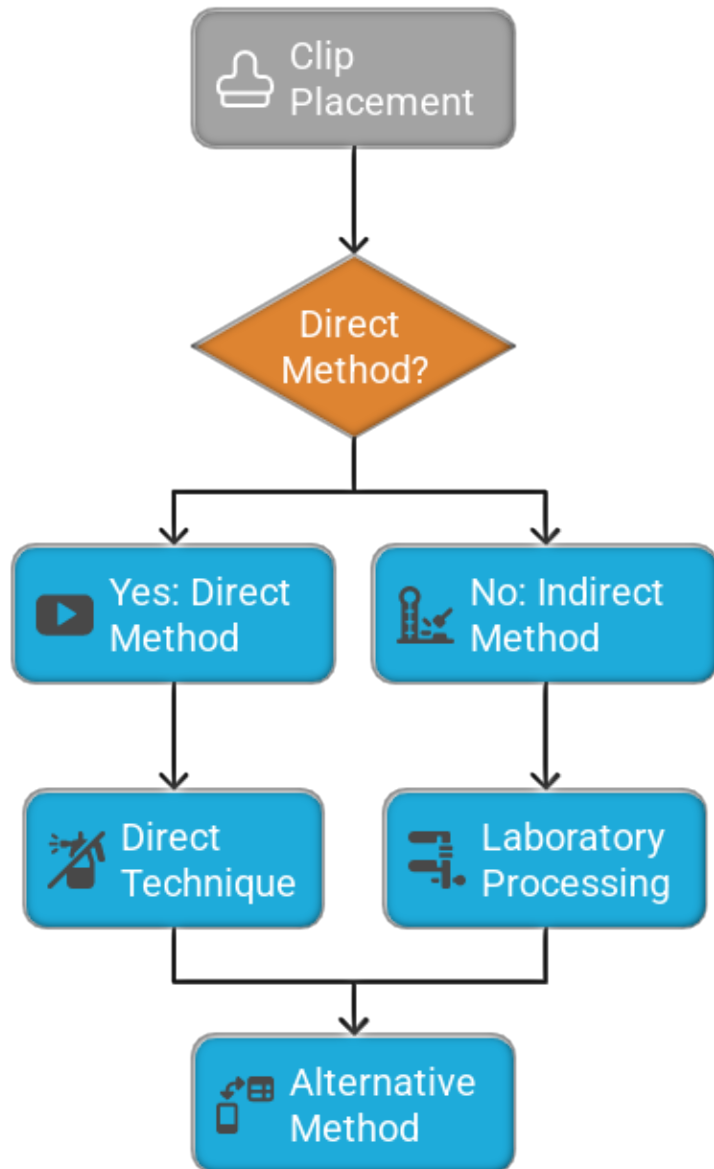


## Selection and Characteristics of Clips for Bar Attachments

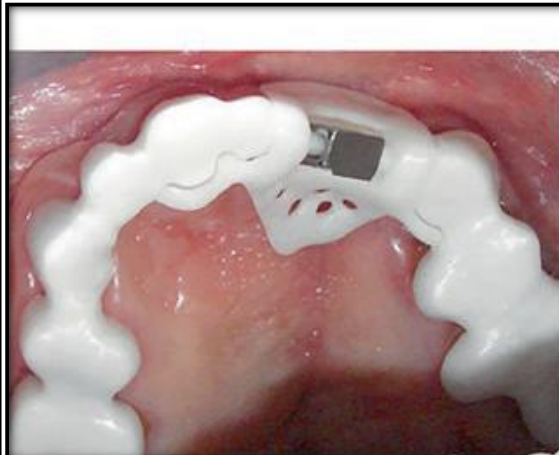
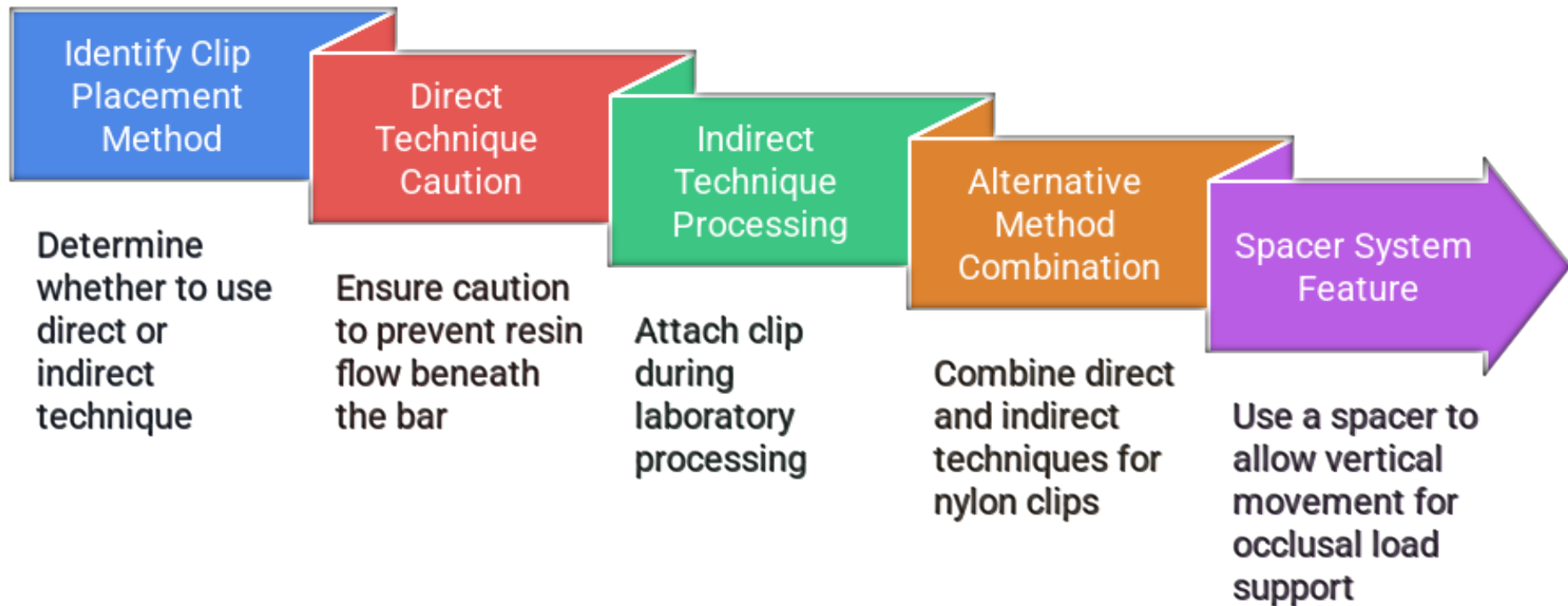




## Clip Placement in Dentures



## Clip Placement Techniques for Dentures



# Understanding Bar Attachments in Overdentures



## **Rigid Retentive Unit**

Provides stability without movement

## **No Rotational Freedom**

Prevents unnecessary movement

## **Overdentures**

Used in dentures supported by multiple teeth or implants

## **Rigid Support**

Requires four or more teeth or implants for stability



Frequent clip  
activation



Greater denture  
rotation



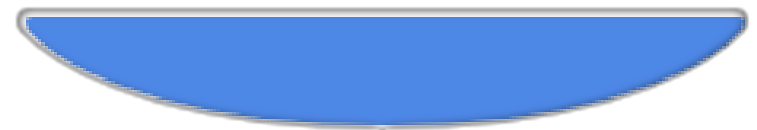
Round Bars



Less frequent  
activation

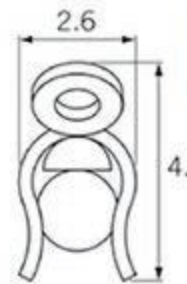
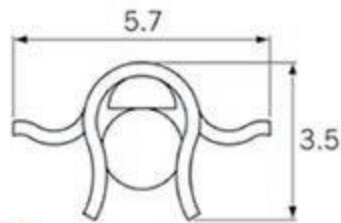
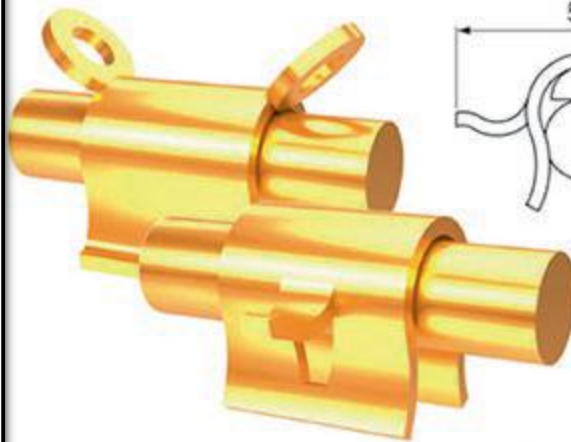


Limited denture  
rotation



Rectangular Bars

Comparing Bar Attachment Flexibility and Maintenance



*Ackermann Bar*



**Ackermann-Bar**



**Round shape**

## Enhancing Dental Stability with Versatile Resilient Bars

### Size Options

Available in standard and micro sizes to fit different patient needs.



### Long-Term Retention

The bar's design ensures it stays securely in place over time.



### Resilient Bar

### Application Versatility

Suitable for use between roots, implants, or anterior posts, adapting to various dental needs.



### Tear-Drop Shape

This unique shape allows for necessary movement without compromising stability.

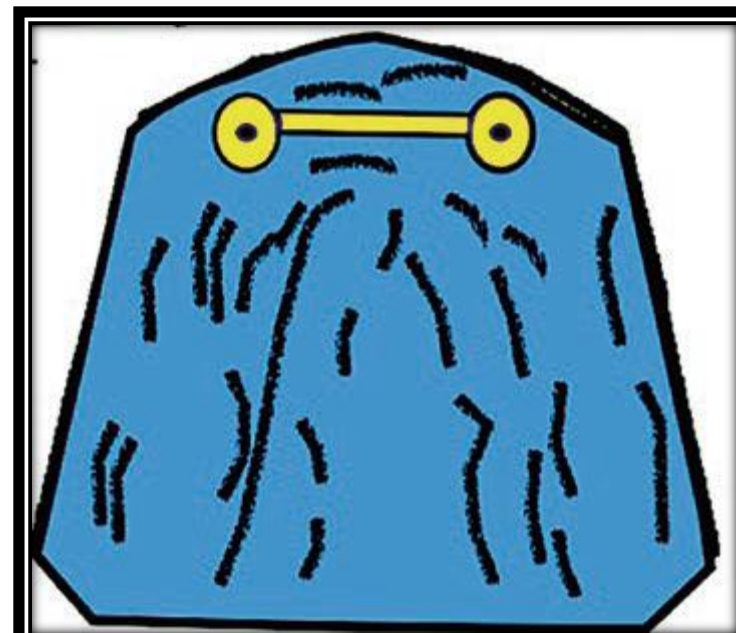




Resilient bar



Resilient bar



## Rigid Bar Units in Overdentures

### Milled Bars

Offer rigid support in dental applications.



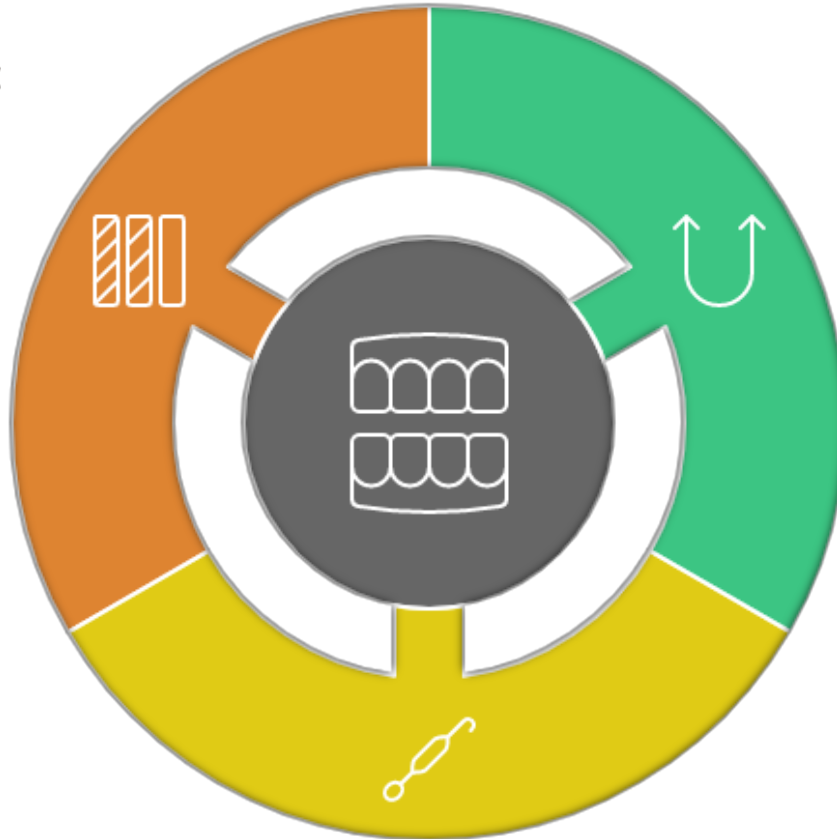
### U-Shaped Bars

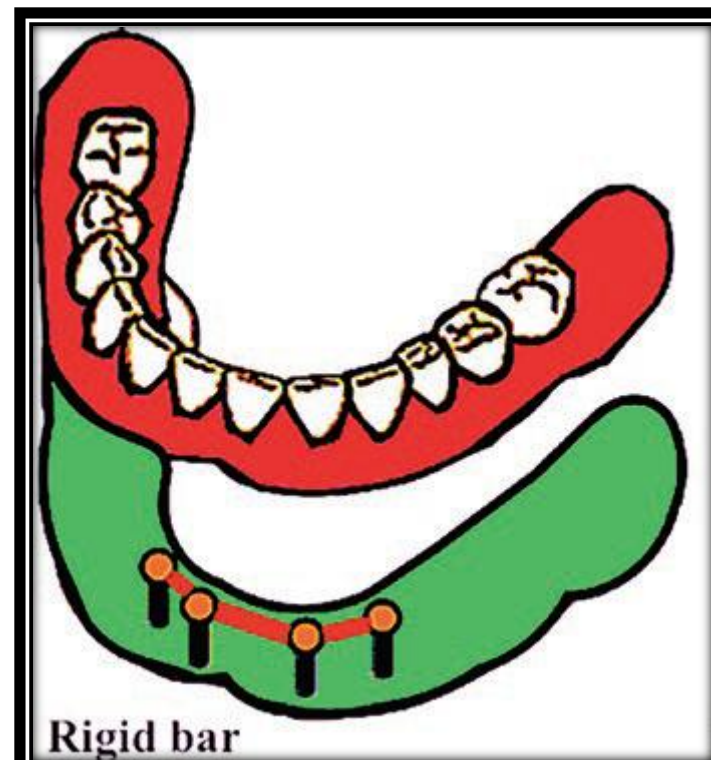
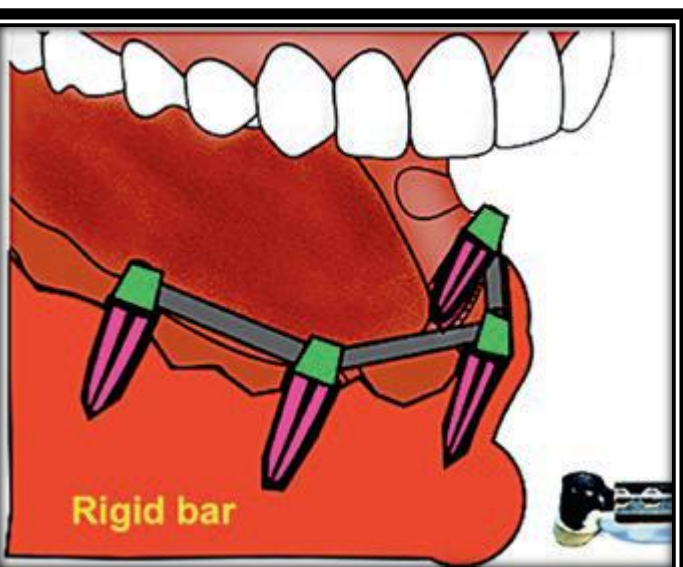
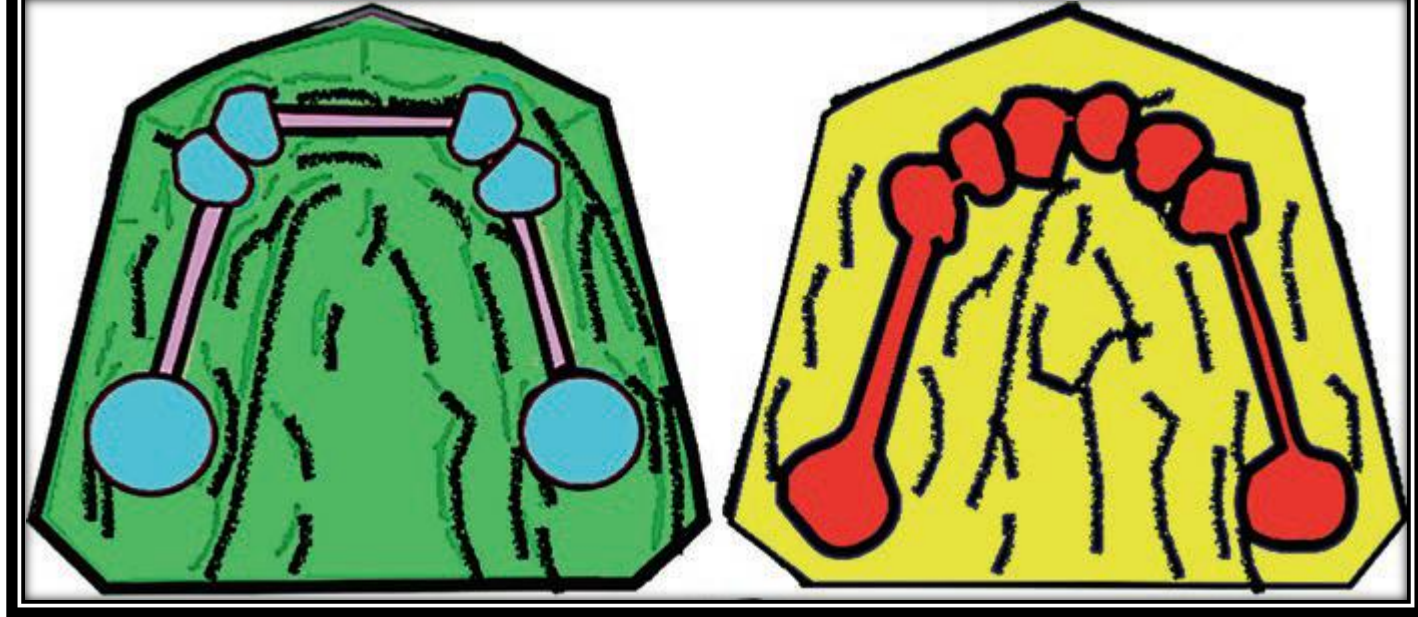
Provide excellent retention and stability for overdentures.



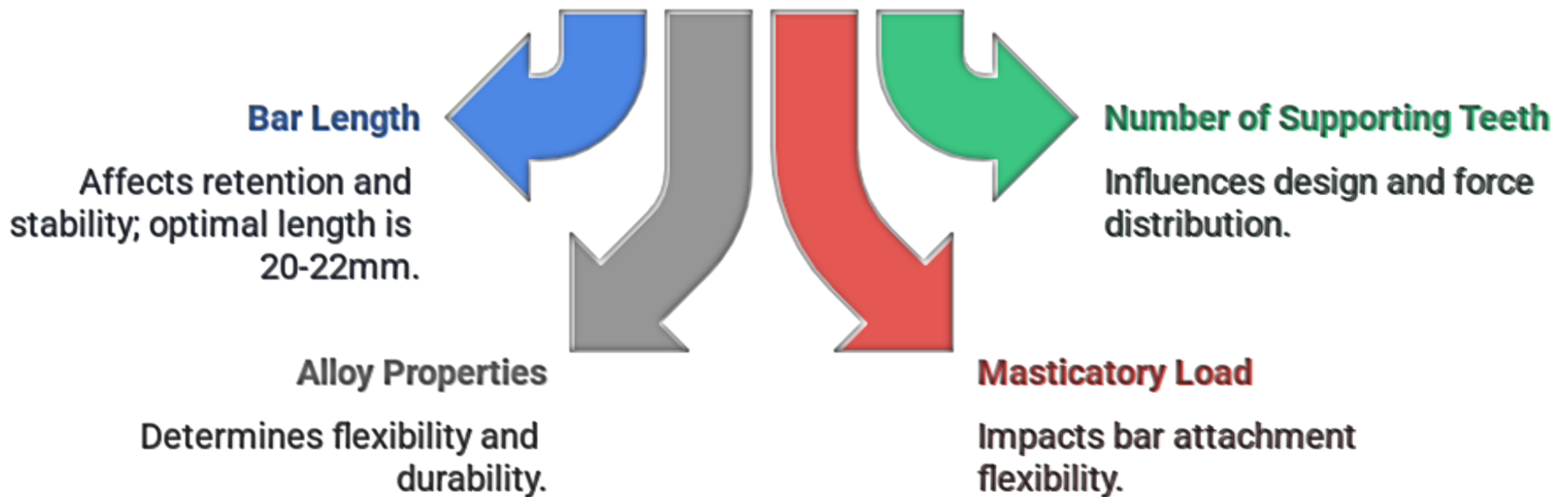
### Dolder Bars

Considered rigid attachments for dental stability.

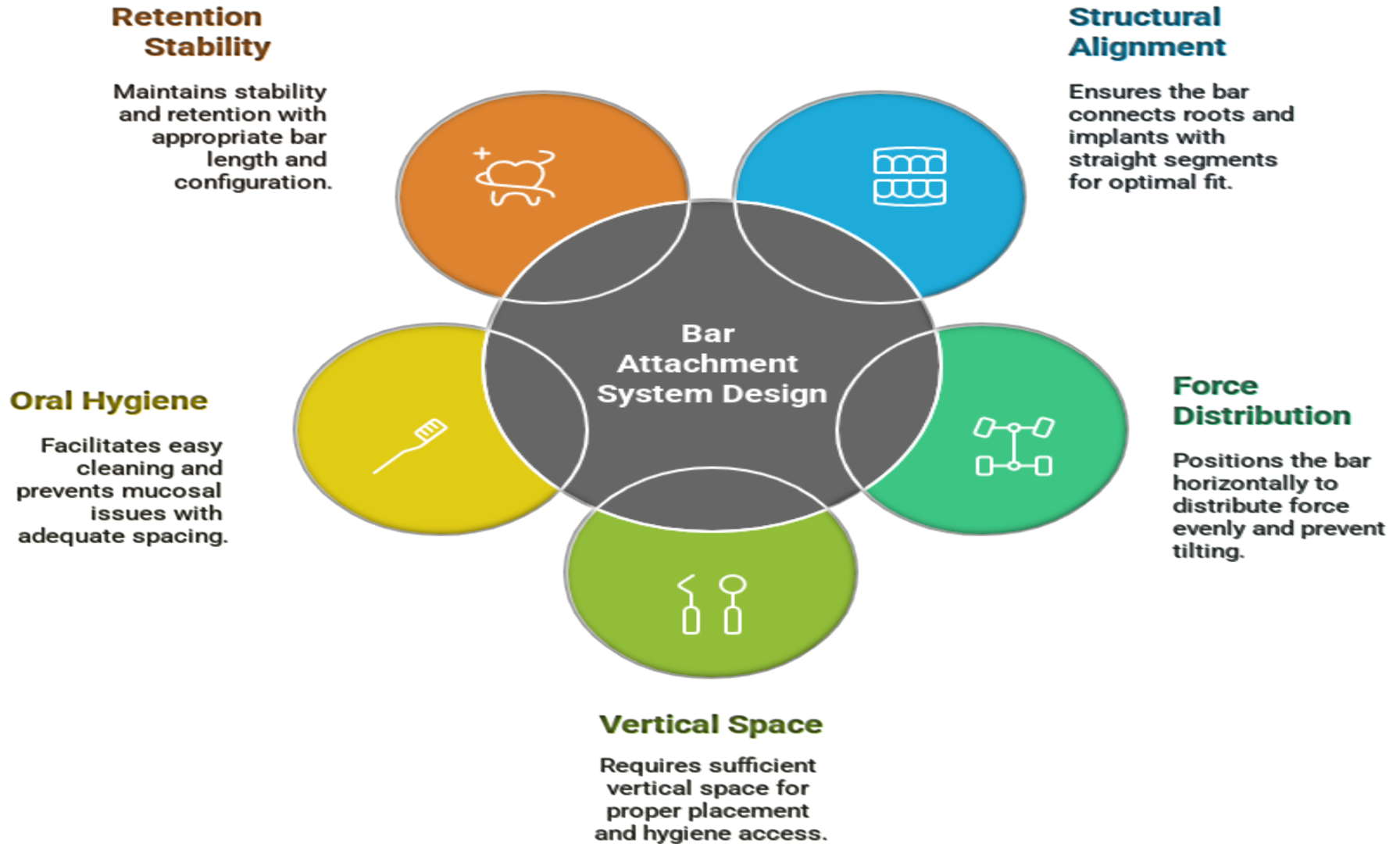




## How to select a suitable bar joint attachment?



# Designing Effective Bar Attachment Systems for Optimal Dental Care



## Bar Attachments



### Material Types

Various materials  
for bar attachments.



### Soldering Method

Recommended  
soldering techniques  
for bars.



### Bar Variants

Different types of  
bars available for  
use.



### Hardness Requirements

Specifications for  
alloy hardness and  
strength.



### Telescopic Options

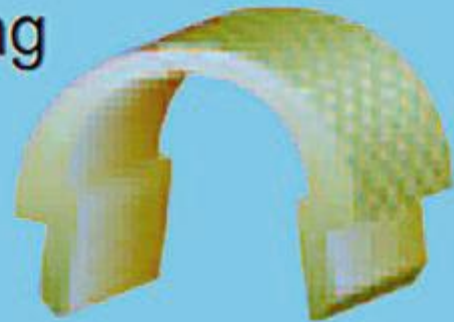
Angles available for  
telescopic milled  
restorations.



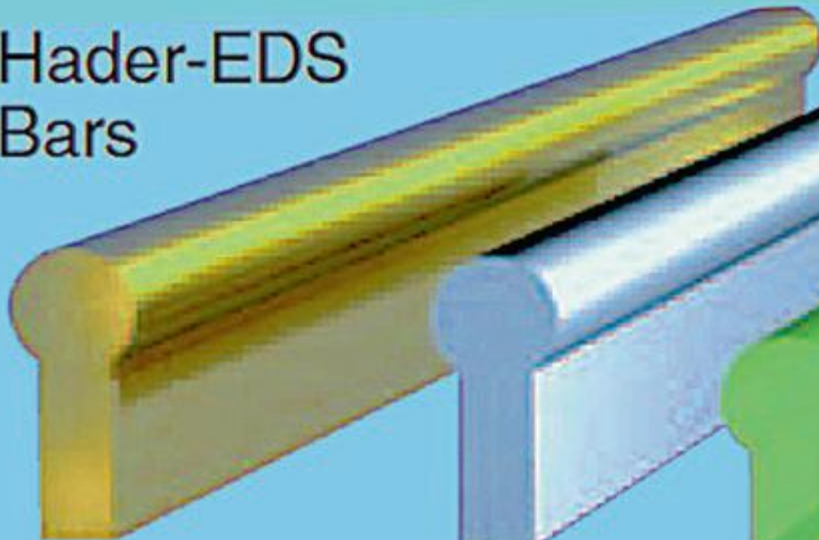
Metal Housing



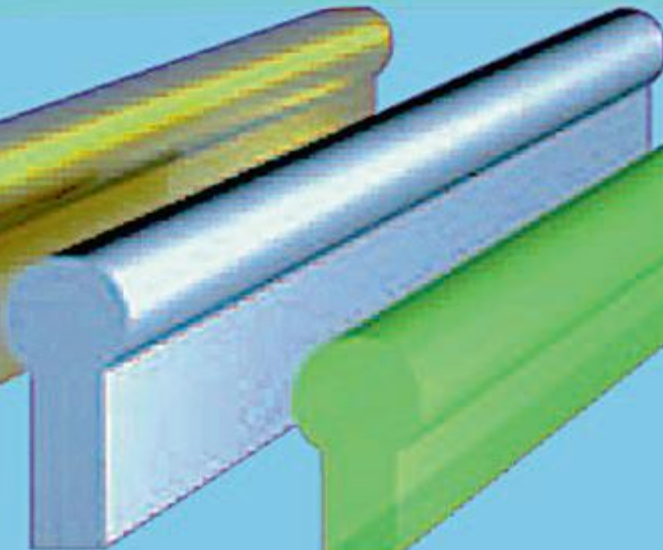
Clips



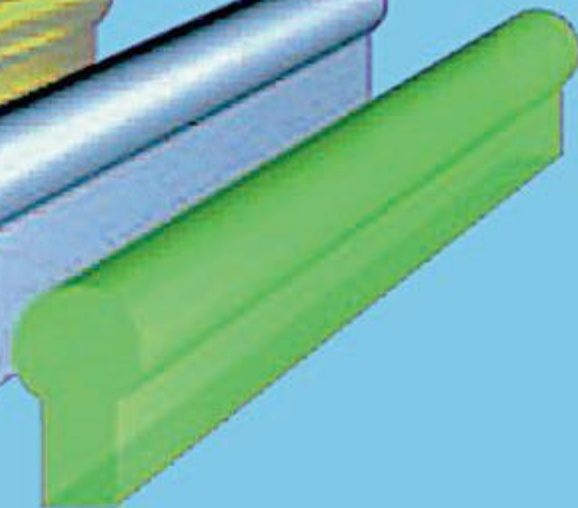
Hader-EDS  
Bars



Gold Bar

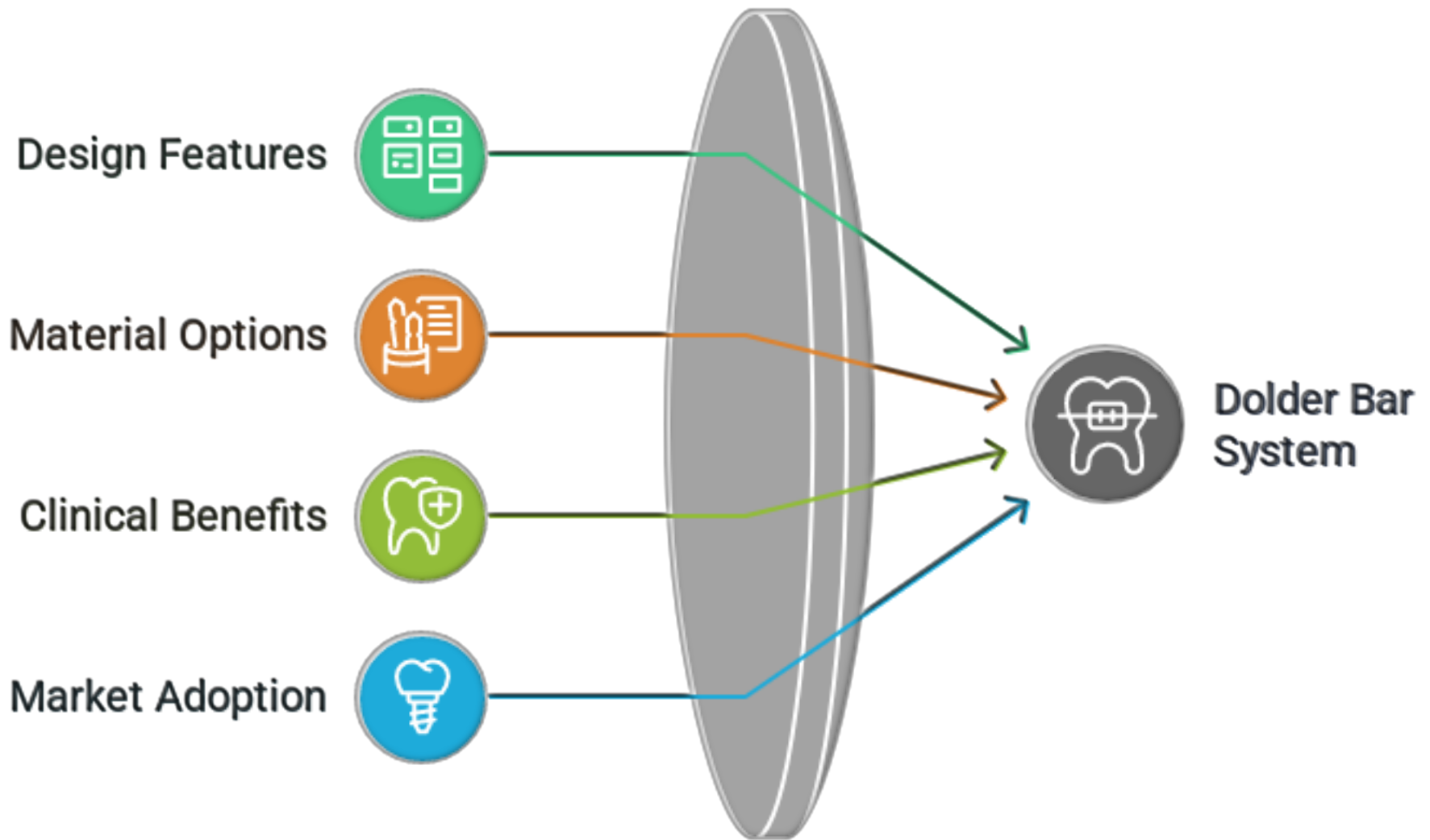


Titanium Bar



Plastic Bar

## Elements of Dolder Bar Success



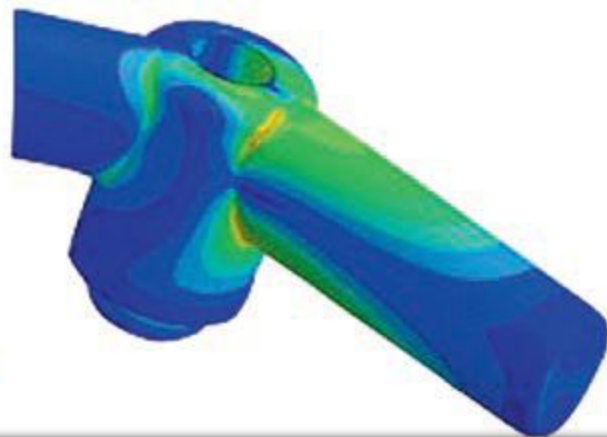
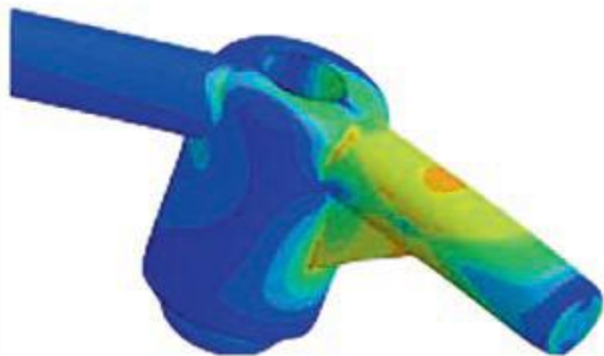
Round bar



Oval bar



Harder bar



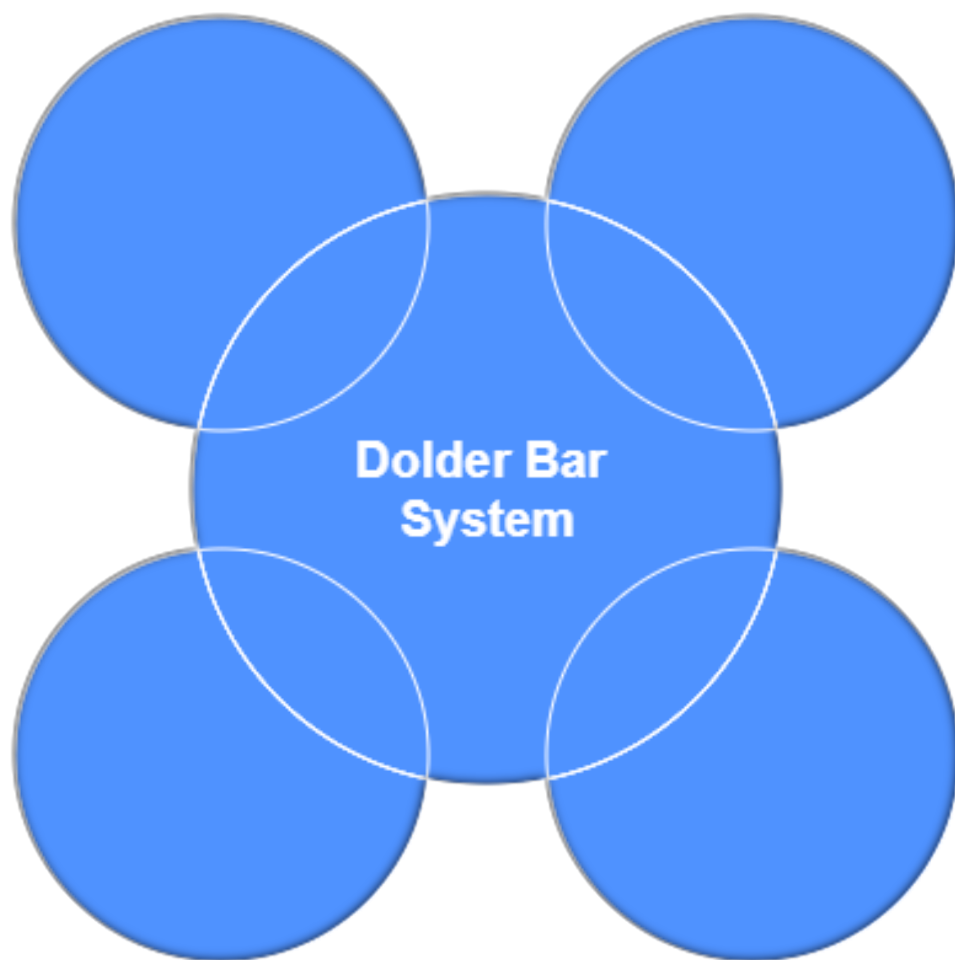
# Comprehensive Guide to Dolder Bar System Features and Options

## Alternative Units

Schubiger units are used when parallelism cannot be achieved with the bar.

## Retention Mechanism

Utilizes clips embedded in resin for effective frictional retention of dentures.

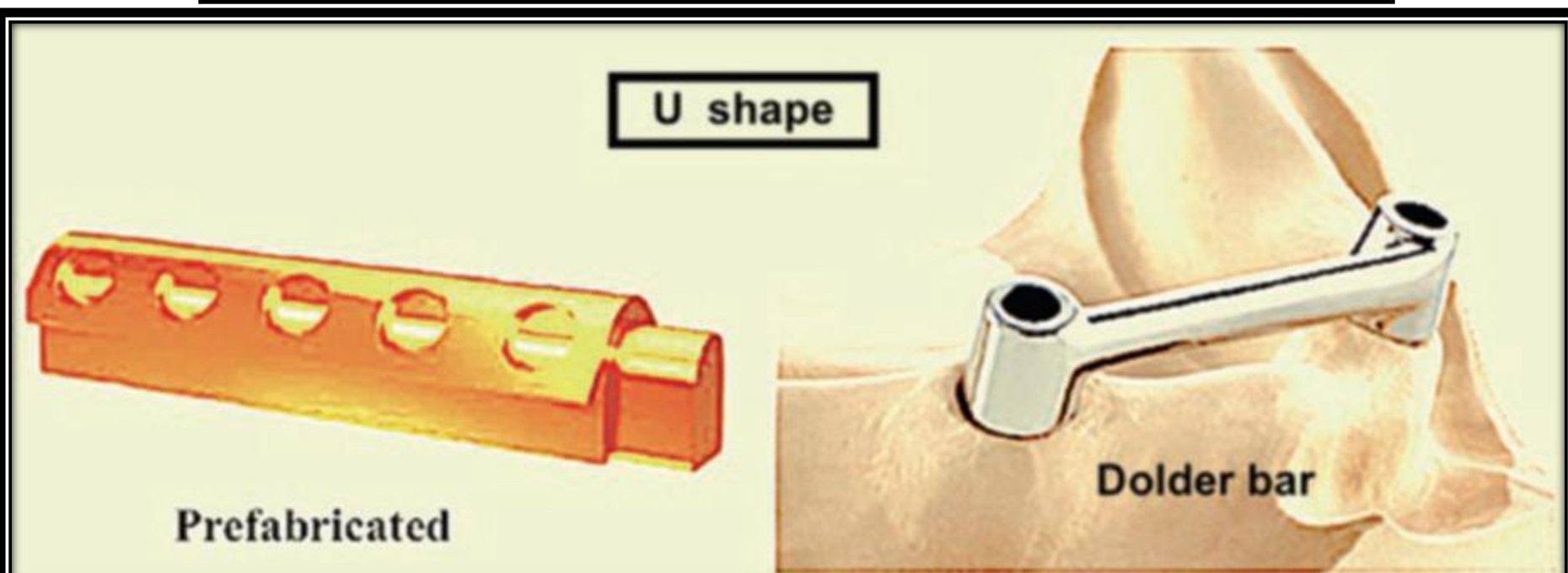
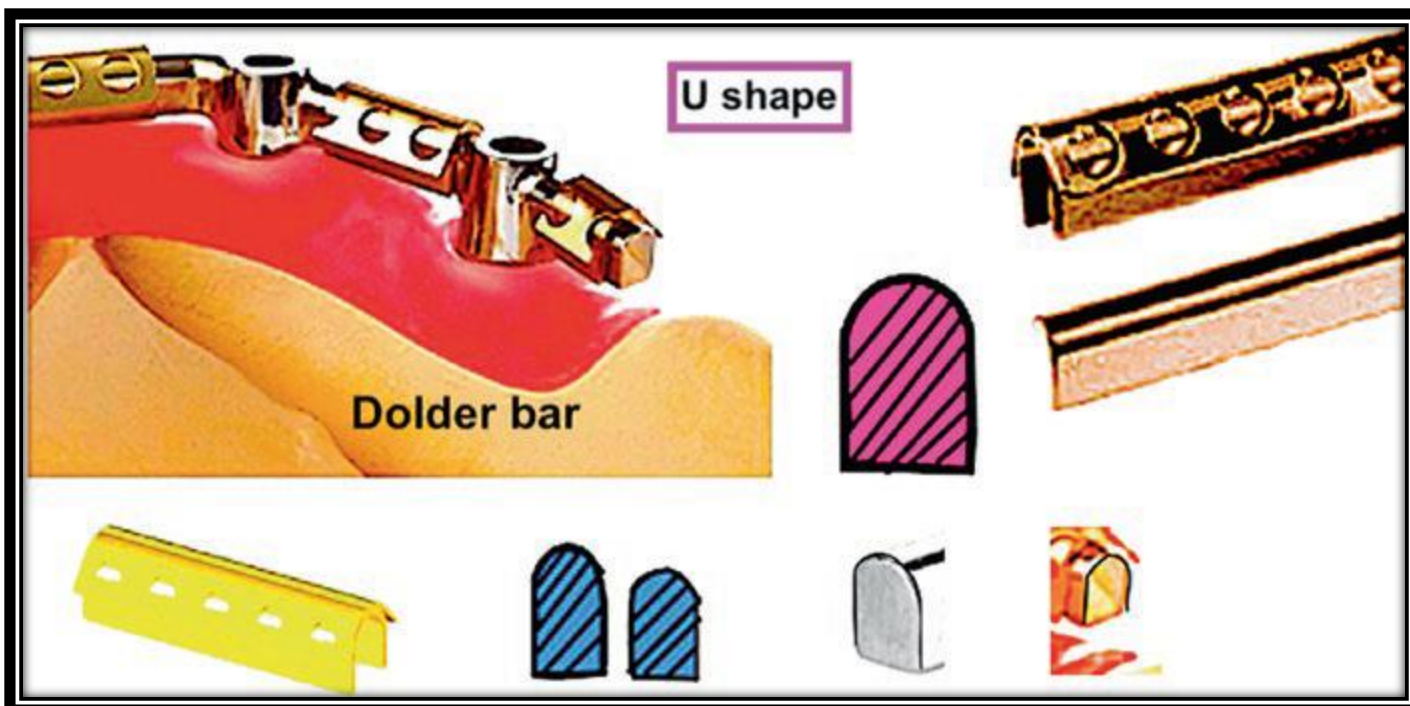


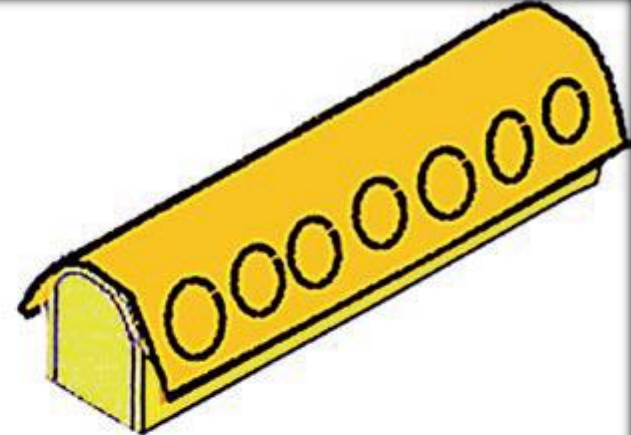
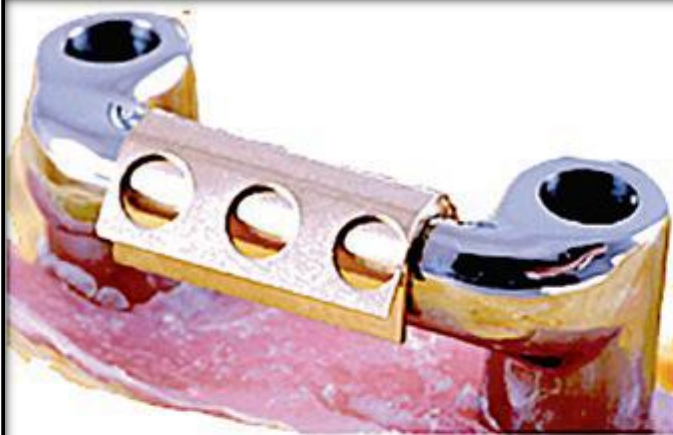
## Configurations

The Dolder bar system offers U-shaped and egg-shaped configurations for different dental needs.

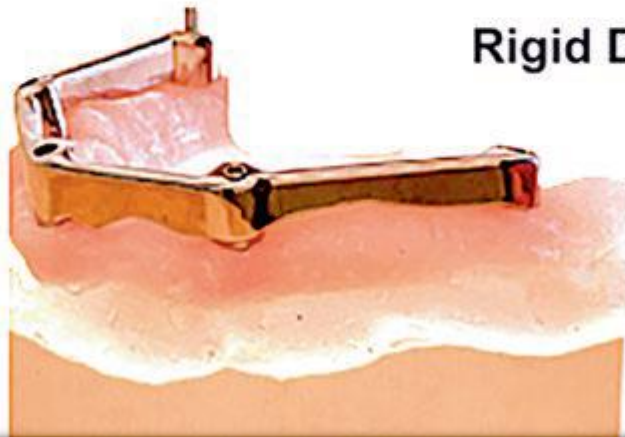
## Size Options

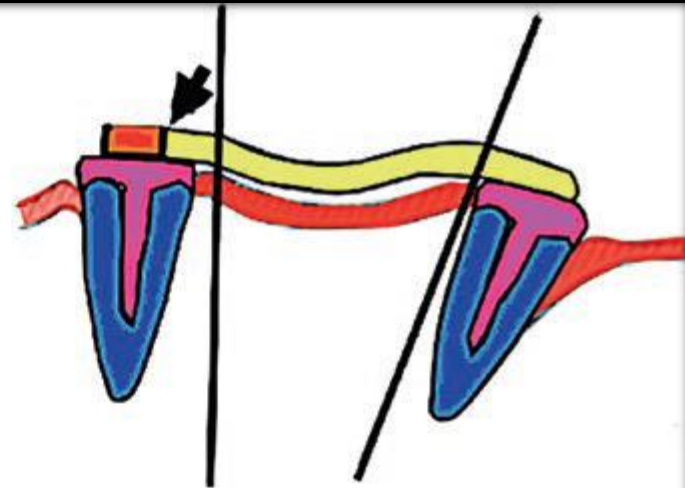
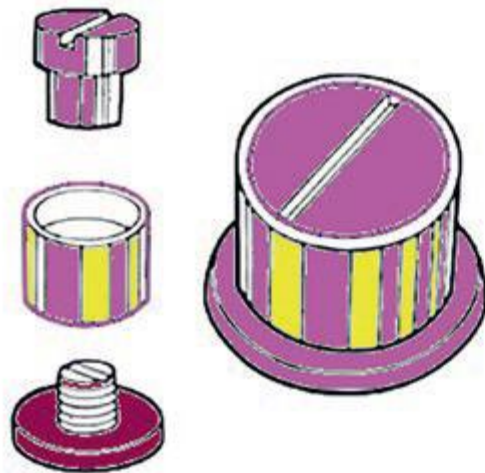
Available in standard and micro sizes, catering to various patient requirements.



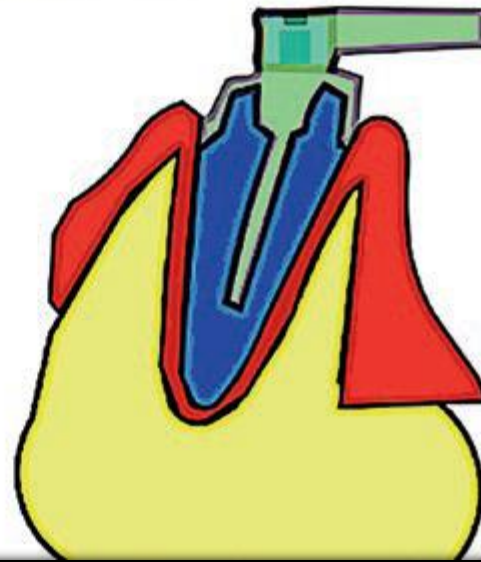


**Rigid Folder Bar**





**Schubiger Attachment**





**THANKS  
FOR YOUR  
ATTENTION**