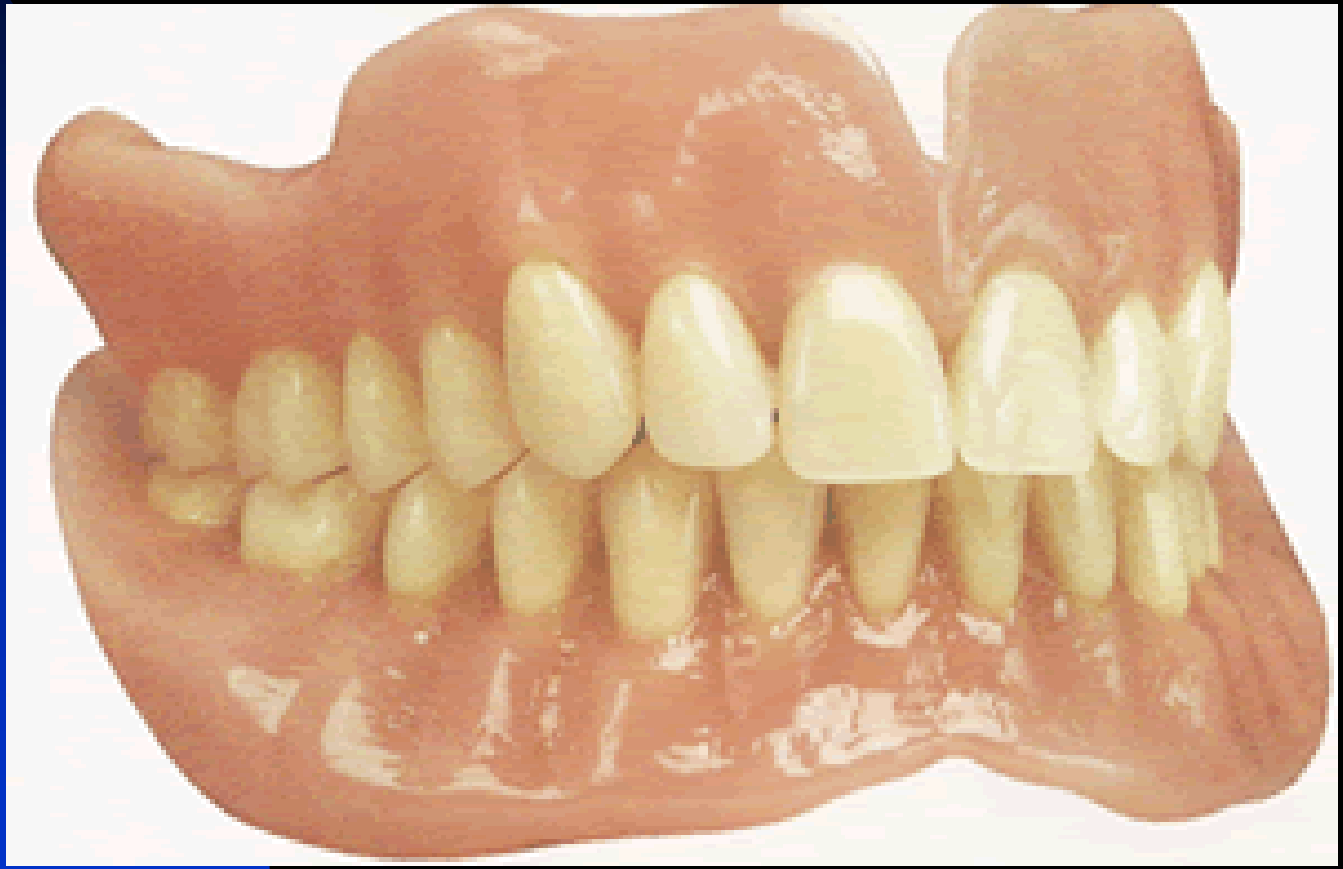
TAM PROTEZLERDE OKLUZAL AŞINDIRMA



Prof. Dr. Ahmet Saraçoğlu

DOĞAL DİŞLİ BİREYLERDE GÖRÜLEN OKLÜZYON TİPLERİ

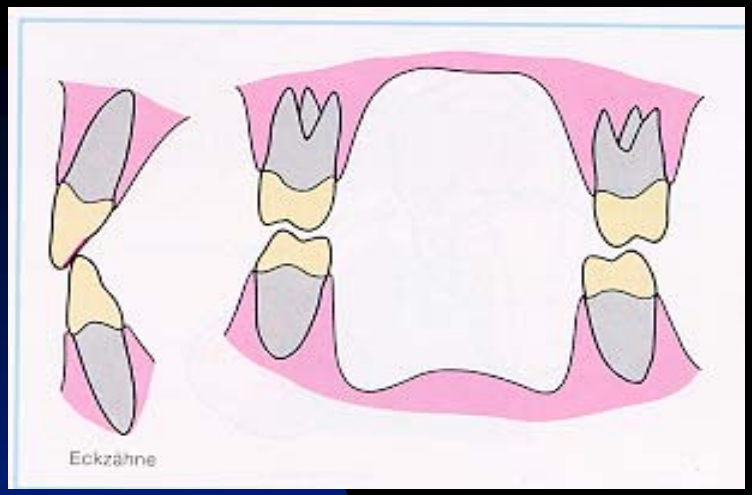
Kanin koruyuculu okluzyon

Gurup fonksiyonu (Tek taraflı, ünilateral dengeli oklüzyon)

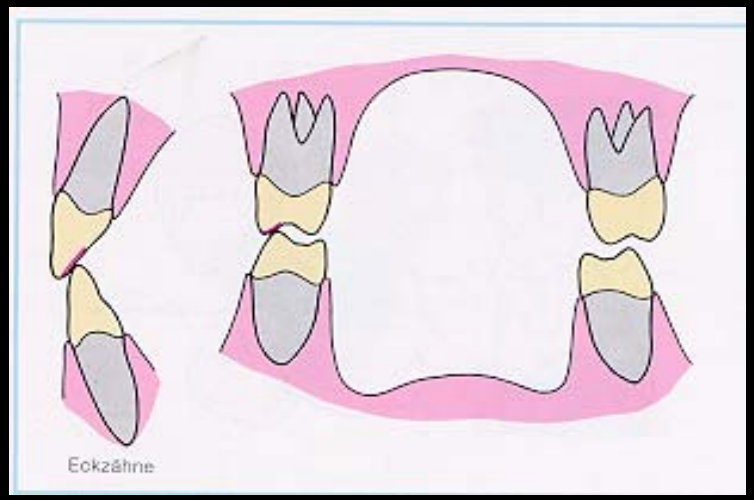
TAM PROTEZLERDE AMAÇLANAN OKLÜZYON TİPİ

Bilateral (çift taraflı) dengeli oklüzyon

DOĞAL DİŞLİ BİREYLERDE OKLUZYON

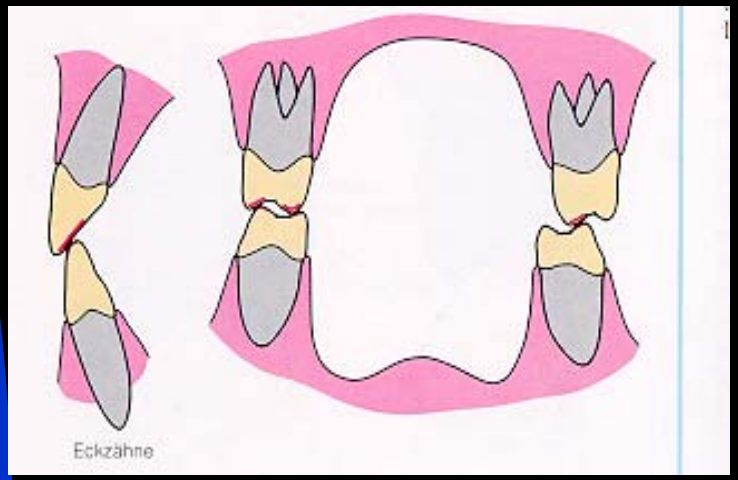


Kanin koruyuculu okluzyon



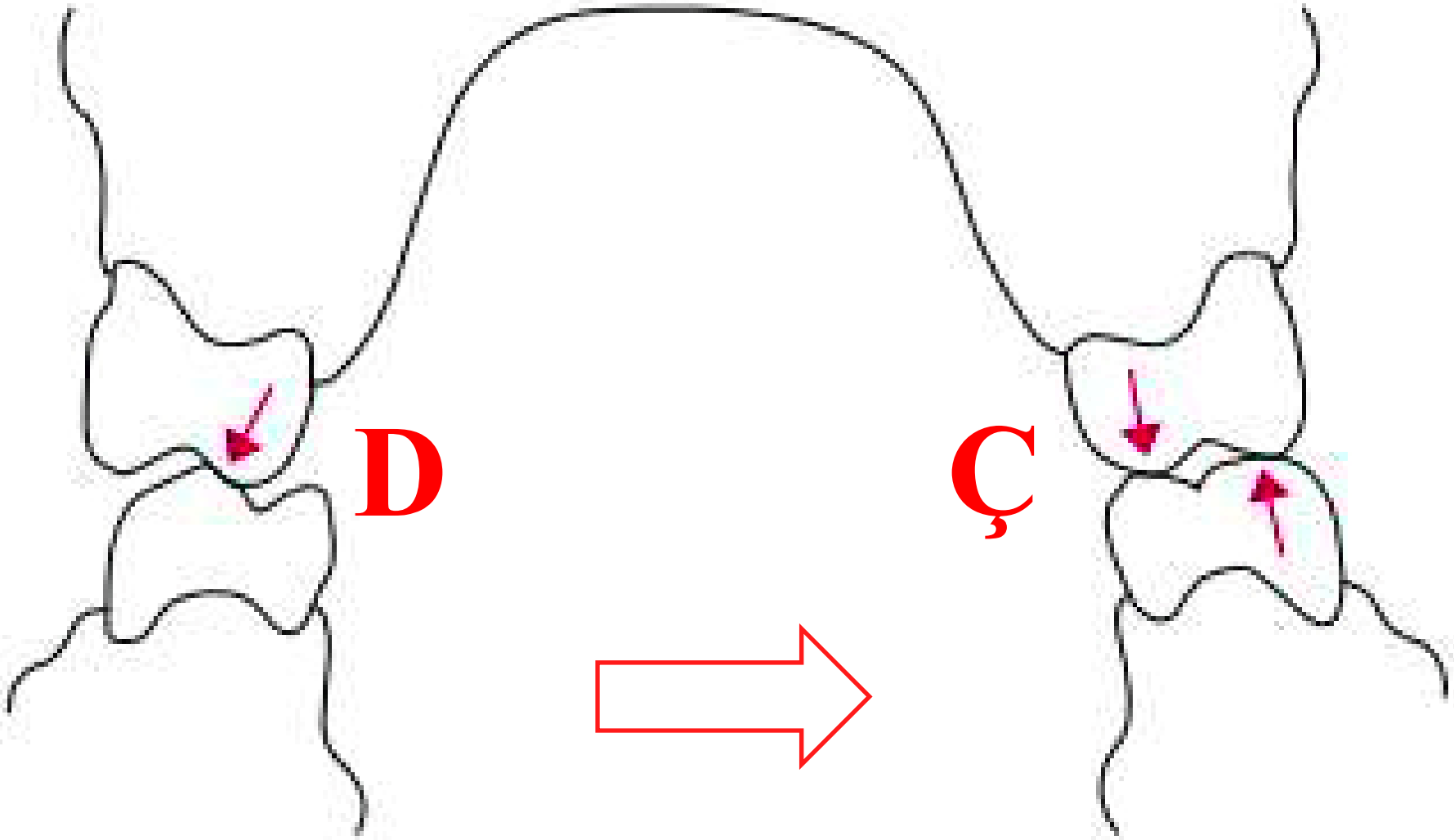
Gurup fonksiyonu

TAM PROTEZLERDE OKLUZYON



Bilateral dengeli oklüzyon

Tam protezlerde istenen !!

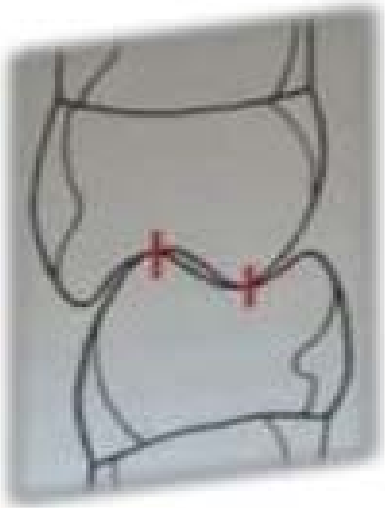


Karşıt diş okluzyon tipleri

YÜZEY YÜZEYE TEMAS

3 NOKTA TEMASI

TÜBERKÜL TEPESİ FOSSA



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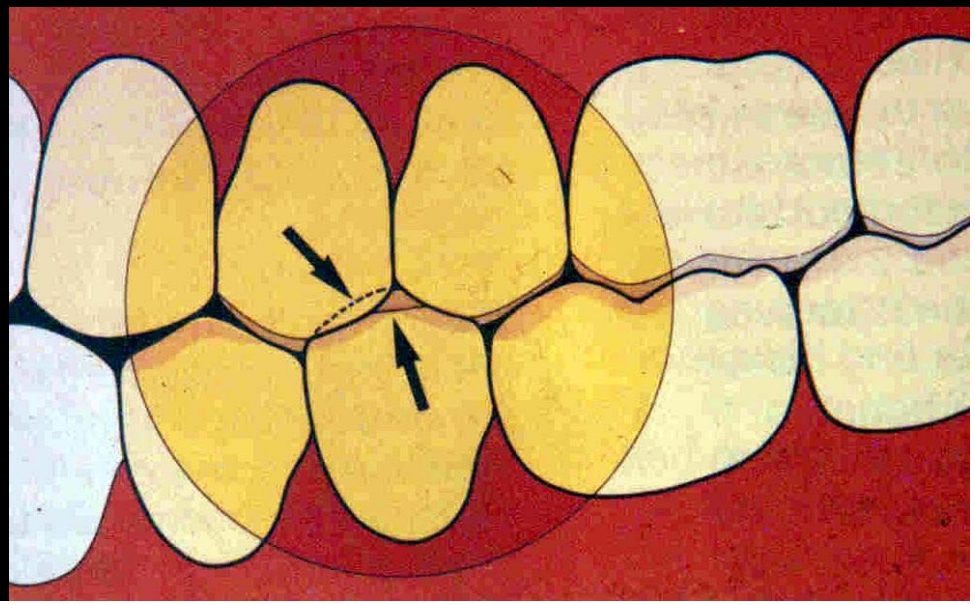
OKLUZAL İLİŞKİ NEDEN BOZULUR?

- Muflaya alırken yapılan hatalar
- Akrilin pişirilmesi sırasında oluşan boyutsal değişiklik
- Dokuların reziliensi
- Kaide plağı



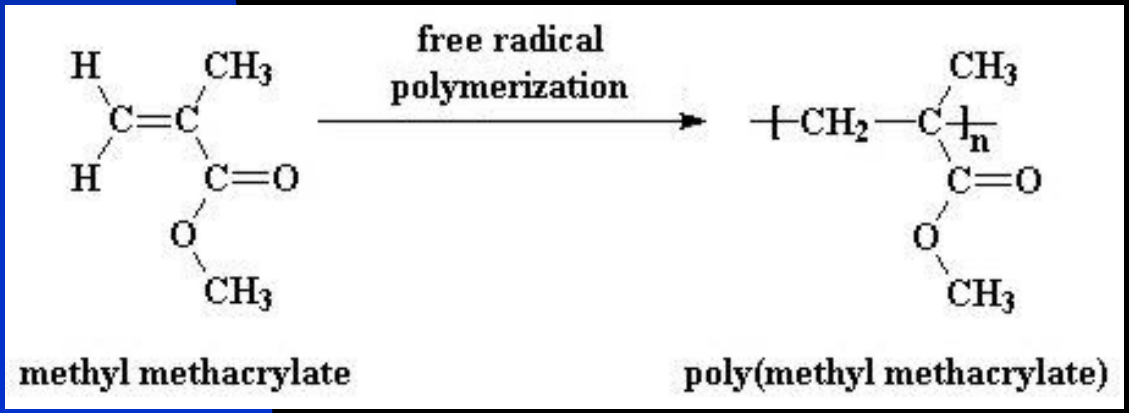
Muflaya alırken yapılan hatalar

- Muflanın alt üst parçalarının tam oturmaması,
- Alt- üst parça alçılarının güzel dökülmemesi,
- Presleme hataları

Muflanın alt üst parçalarının tam oturmaması

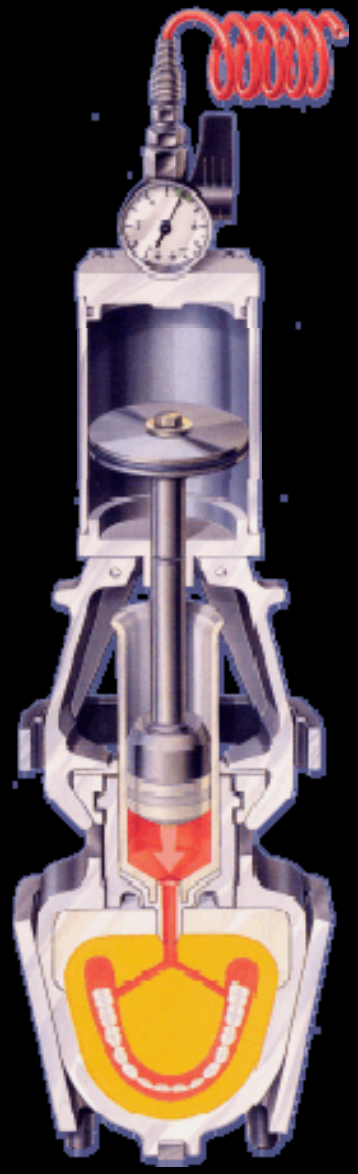
Akrilin pişirilmesi sırasında oluşan boyutsal değişiklik

- Akrilin polimerizasyon genleşmesi ve büzülmesi
  - Metil metakrilat (monomer / sıvı)
  - Polimetil metakrilat (polimer / toz)
  - Reaksiyon başlatıcı (benzoil peroksit-toz) 60-65°C
  - Reaksiyon=Polimerleşme= Polimerizasyon (serbest radikal katılma reaksiyonu)



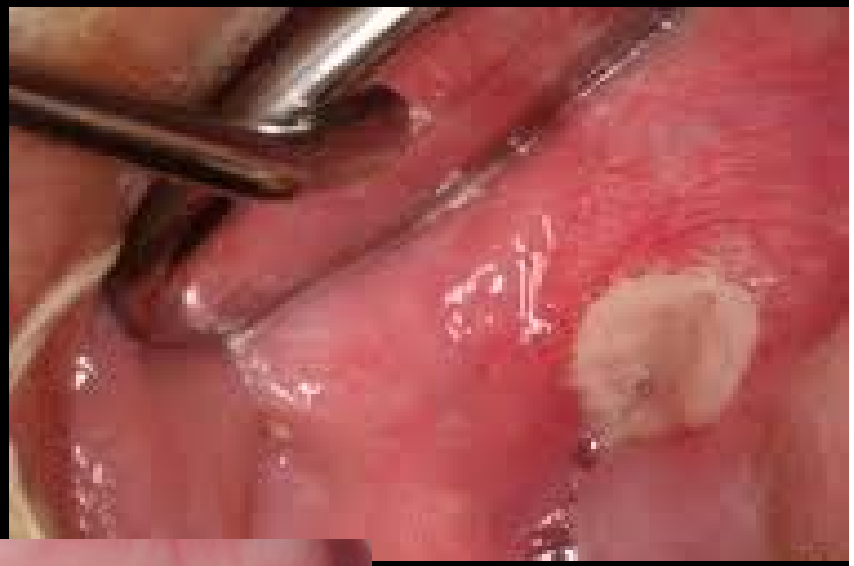
Polimerizasyon büzülmesinin engellenmesi

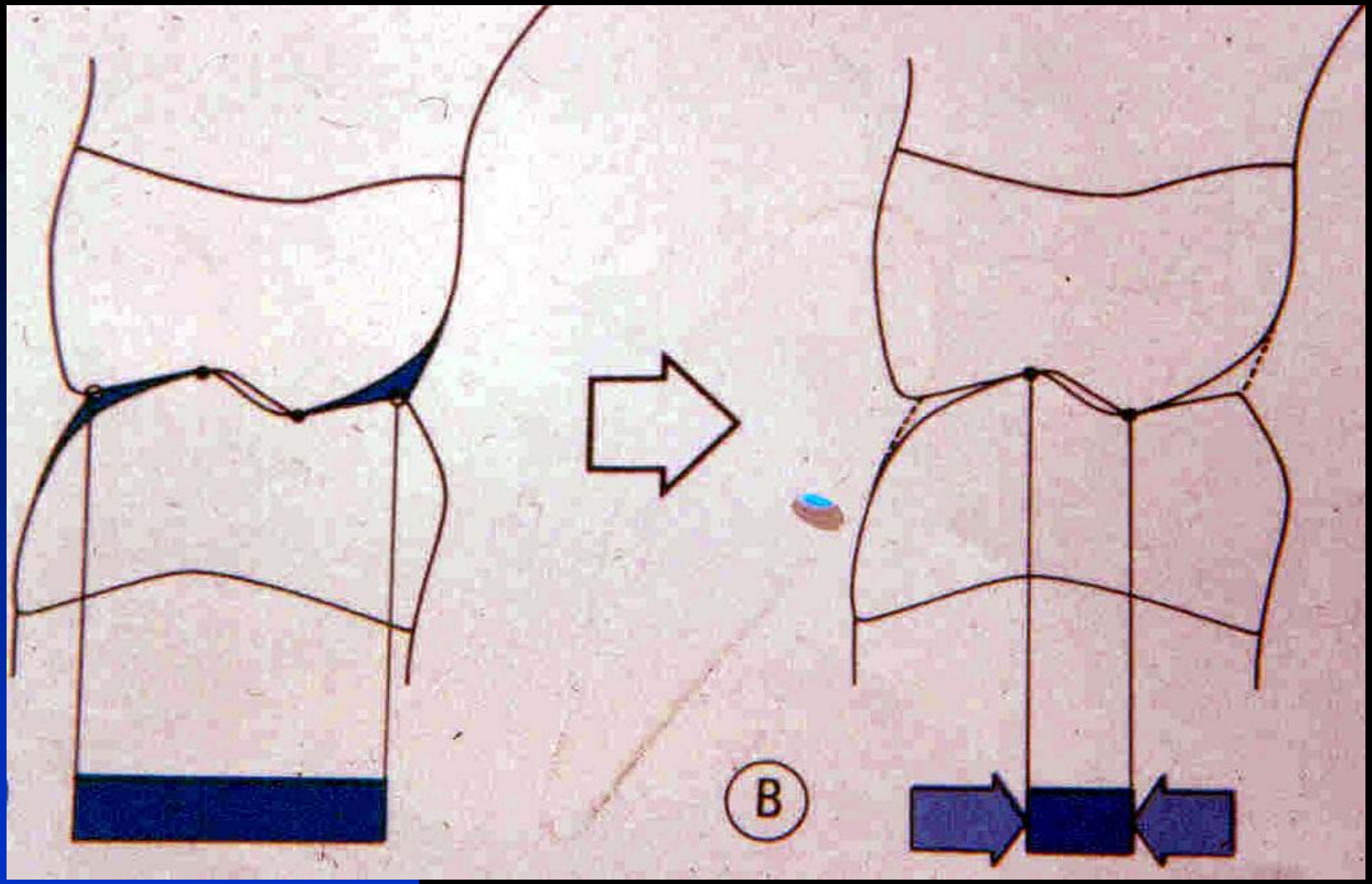
SR-Ivocap sistemi



AŞINDIRMA YAPILMAZSA ?

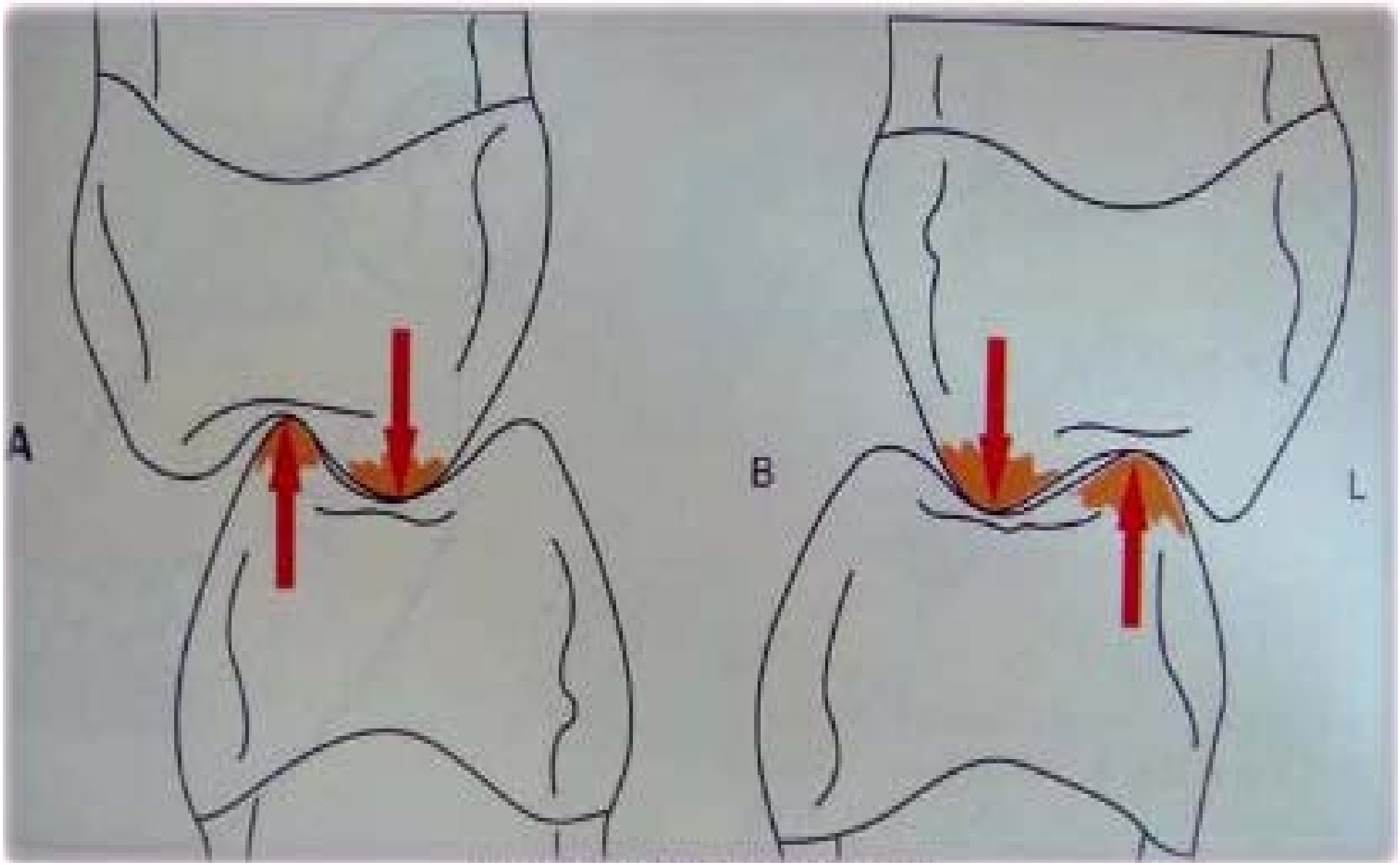
- Kuvvet dağılımı (doku irritasyonu)
- Protezin stabilitesi
- Dikey boyut artışı
- Fonksiyon
- Estetik
- Fonetik

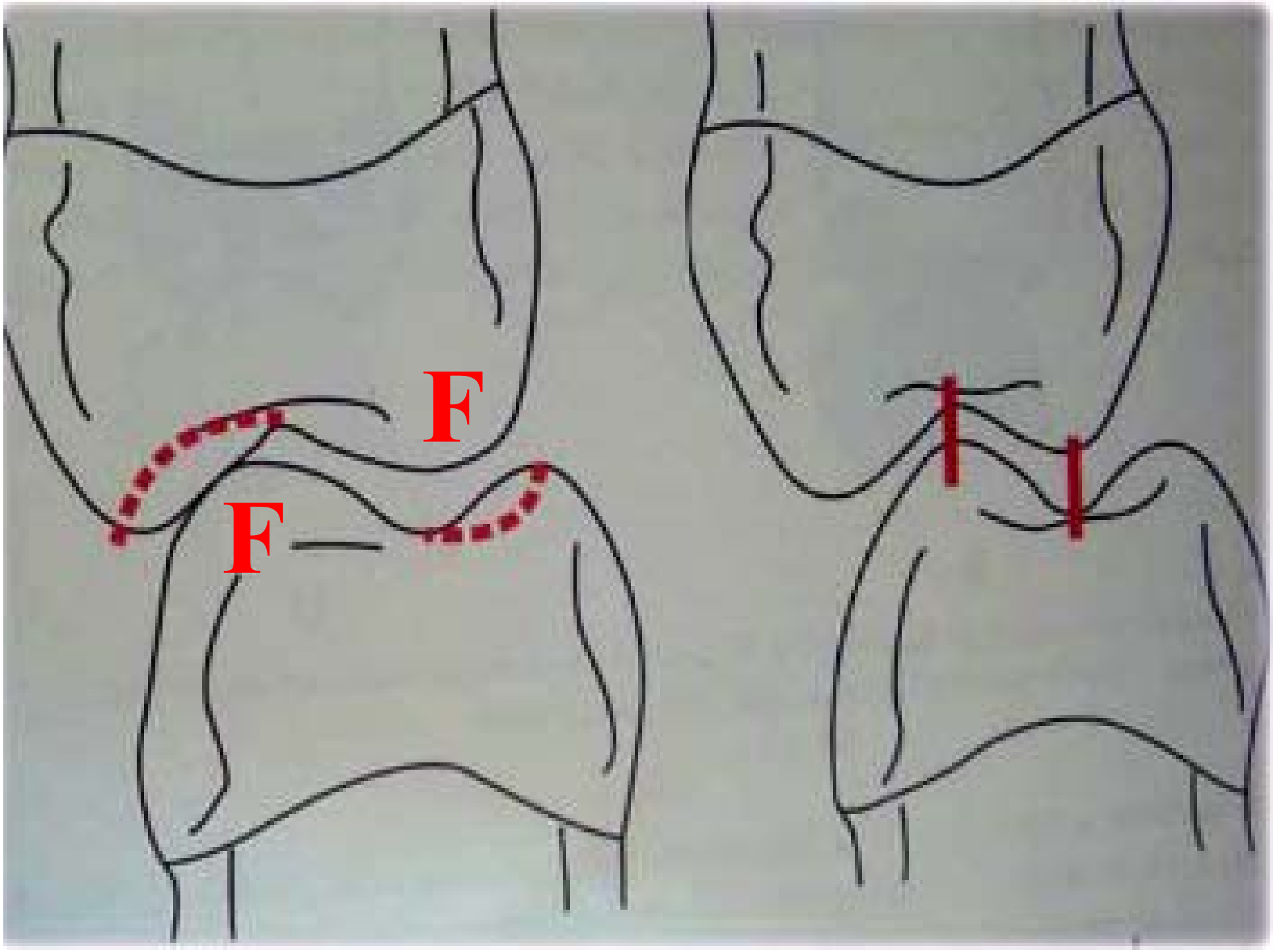




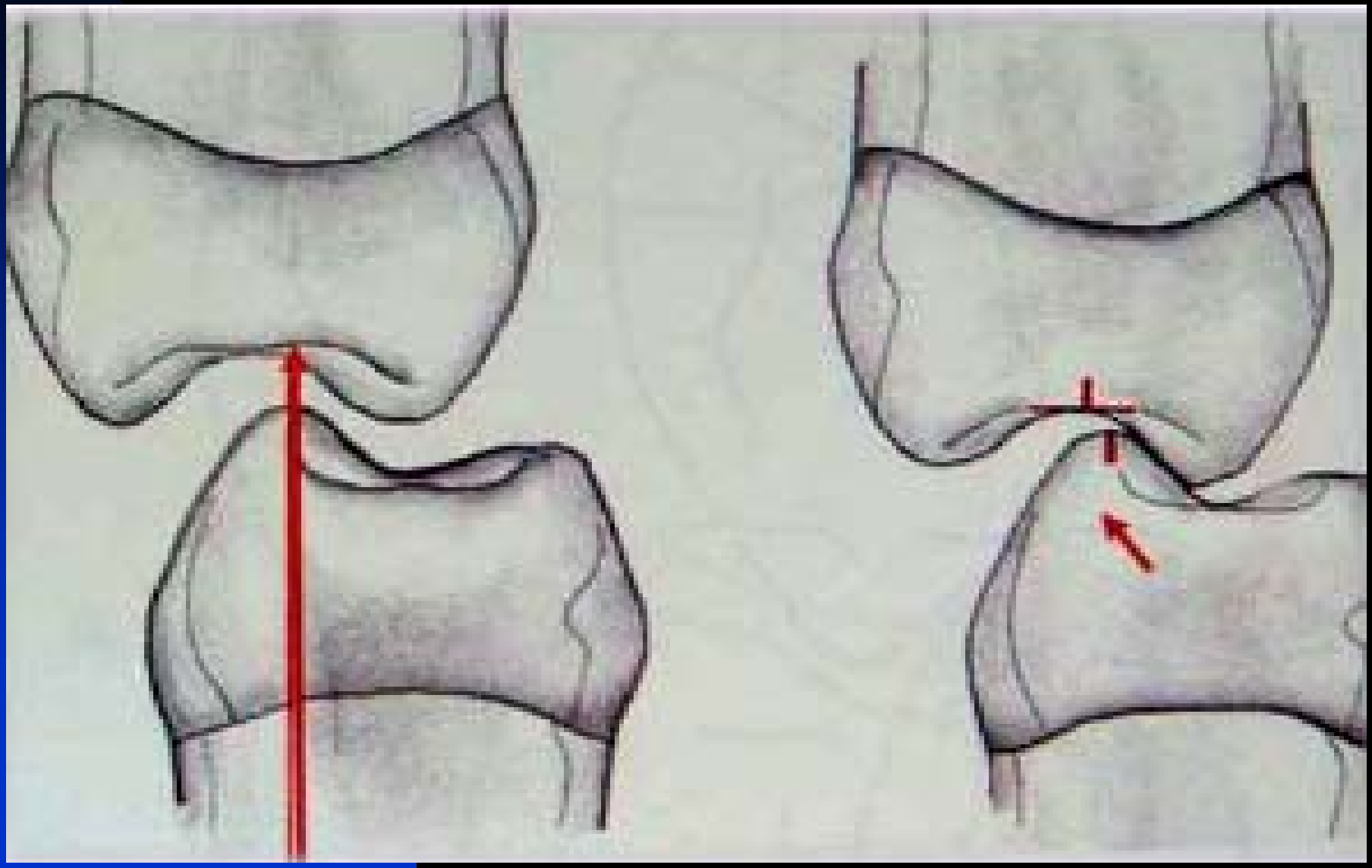
Amaç: Okluzal tablayı daraltmak

Okluzal tablanın daraltılması

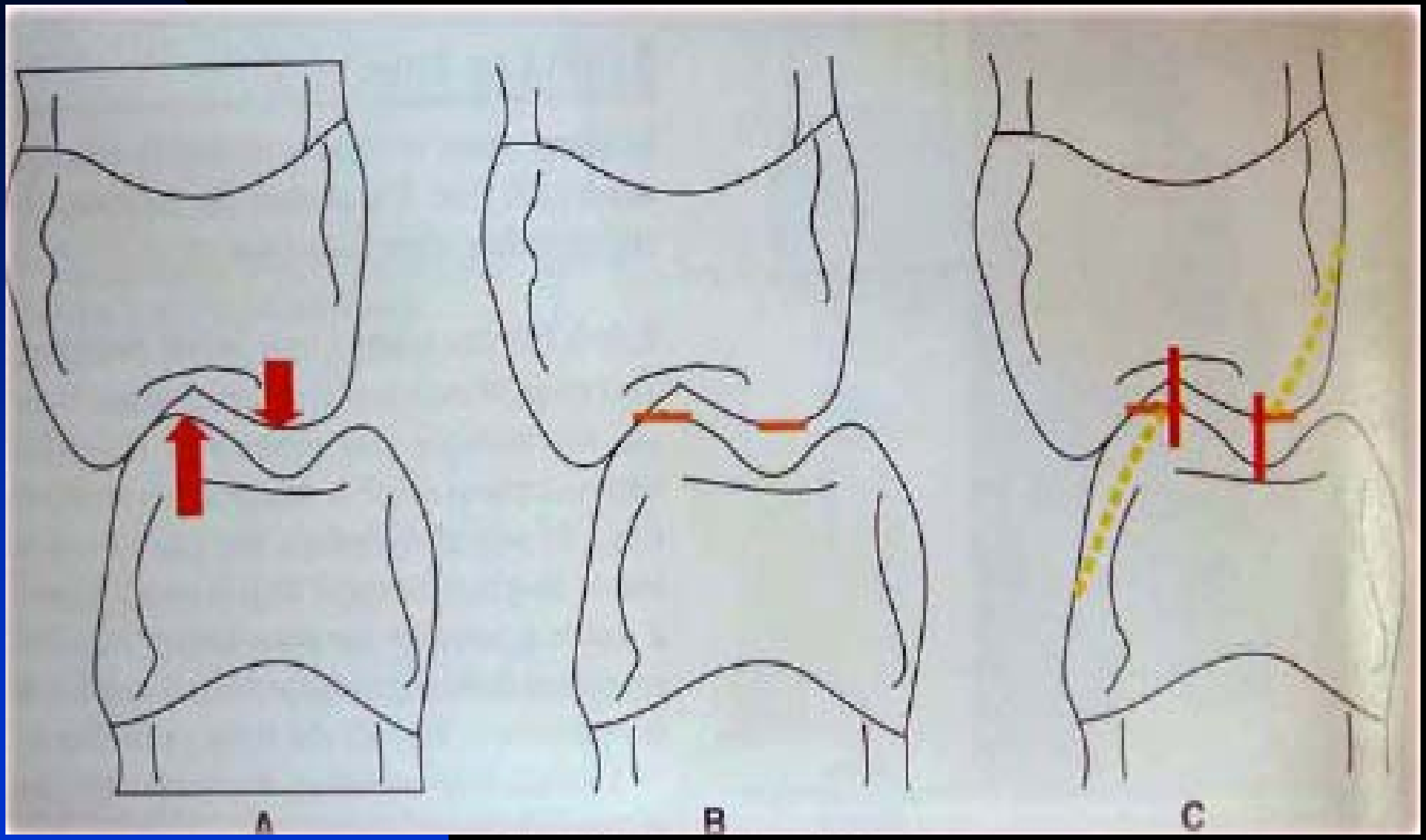



F
F

Dikey kuvvetler oluşturmak

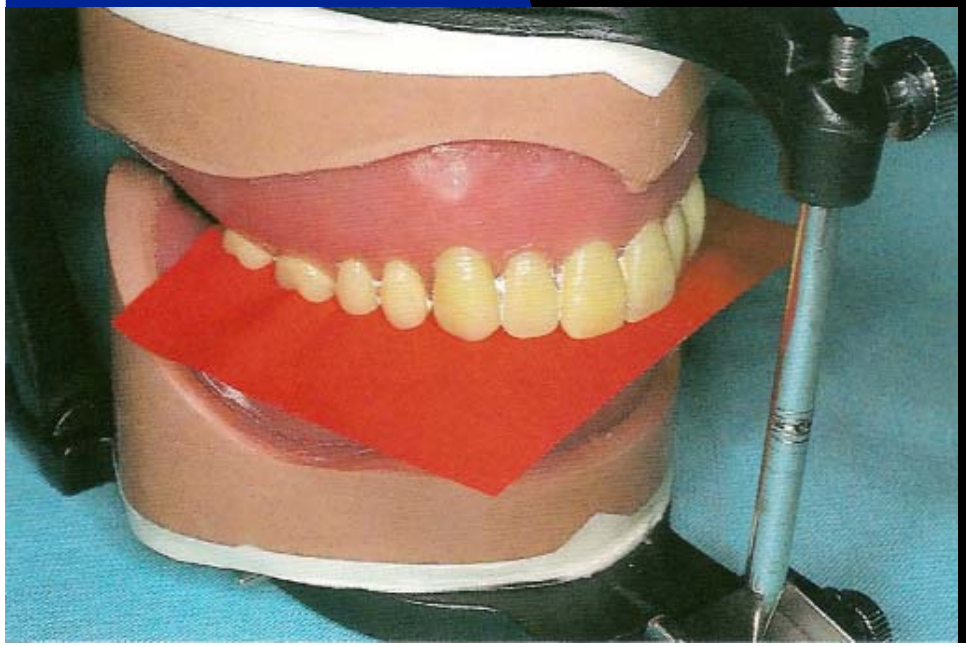


FONKSİYONEL TÜBERKÜLLER AŞINDIRILMAMALI



AŞINDIRMA NE ZAMAN YAPILMALI?

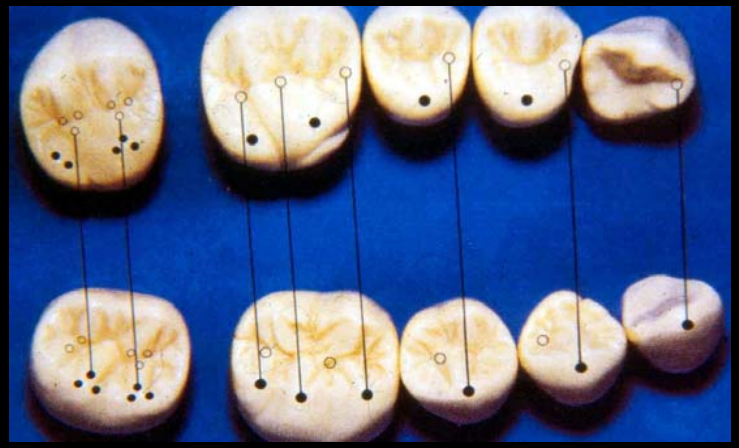
1. Diş dizimi sırasında
2. Akril tepimi sonrası artikülatörde
3. Hasta ağzında ilk ve sonraki seanslarda



AŞINDIRMA SIRASI ?

1. Sentrik oklüzyonda
2. Lateral harekette
   - Çalışan tarafta
   - Denge tarafında
3. Anterior harekette

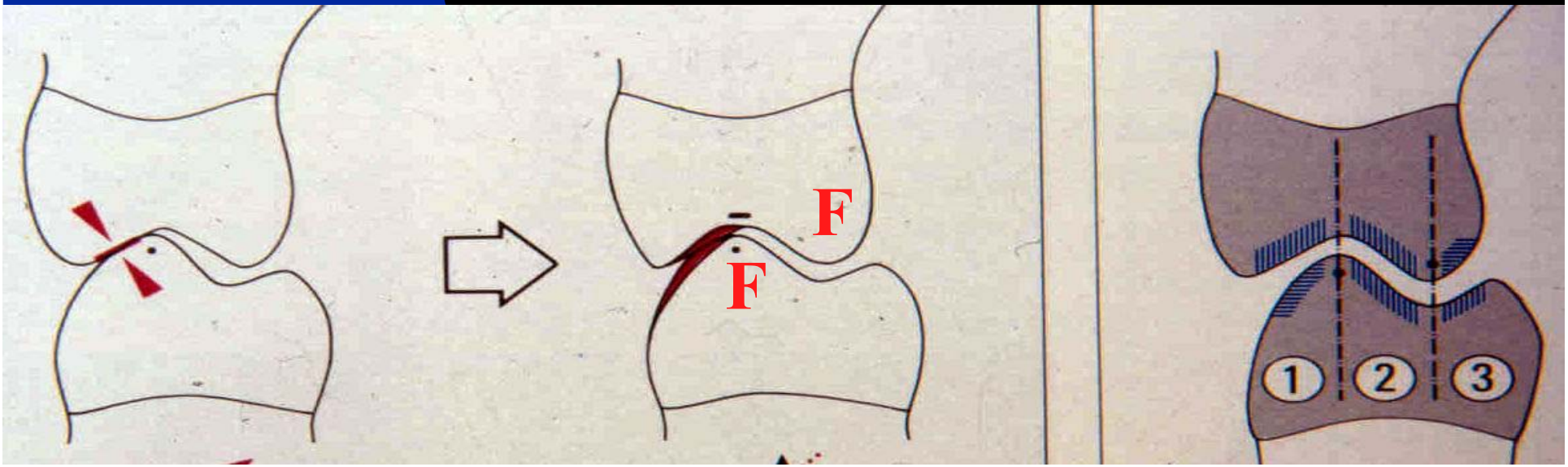
1. SENTRİK OKLÜZYONDA



- Santral fossalar
- Marjinal kenarlar
- Üçgensel kenar ve fossalar

TÜBERKÜL TEPELERİNE DOKUNULMAMALI

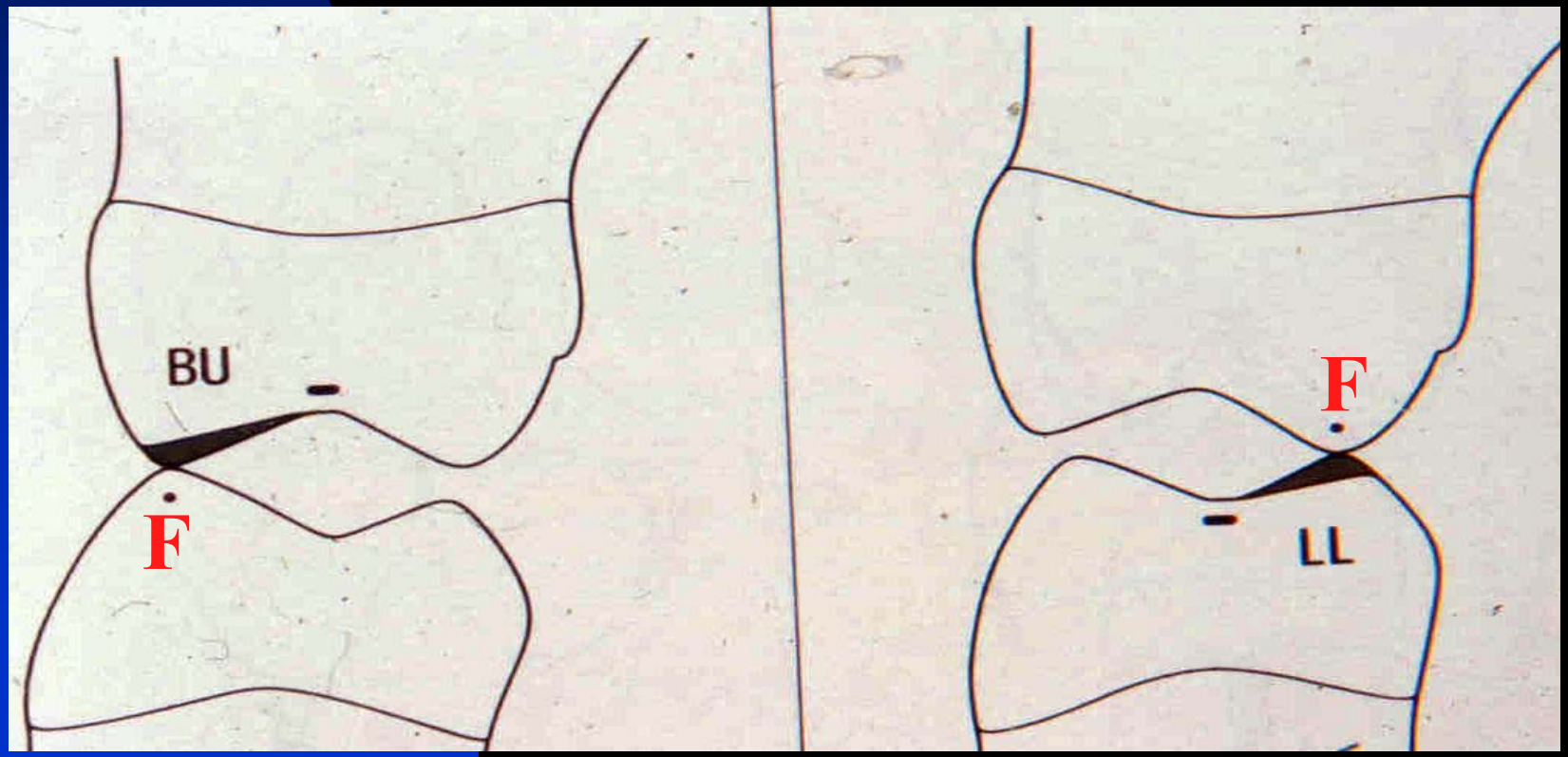
FONKSİYONEL TÜBERKÜLLER AŞINDIRILMAMALI



2.LATERAL HAREKETTE

A. Çalışan tarafta: Üst bukkal, alt lingual

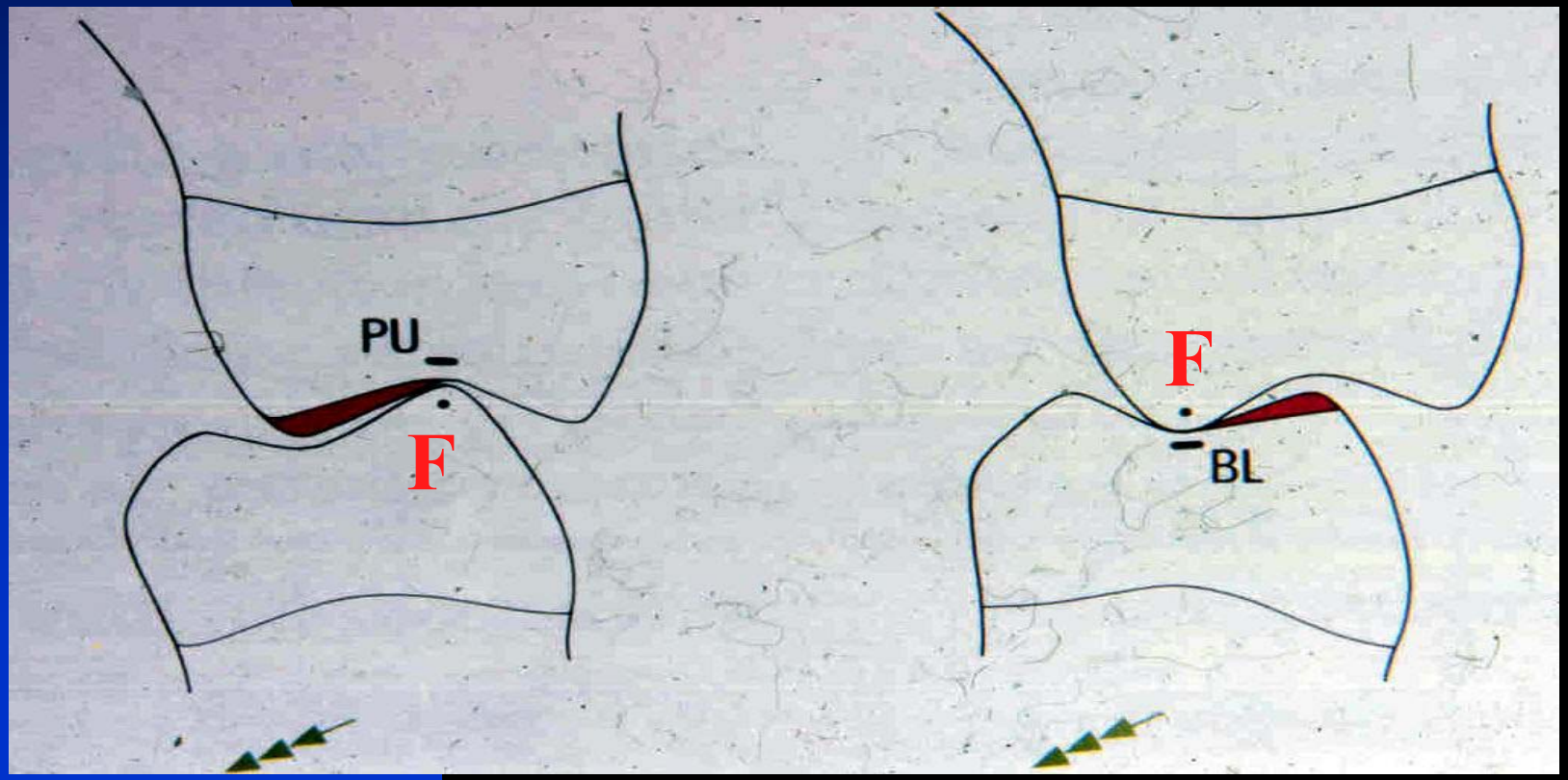
BULL = Buccal of Upper Lingual of Lower



2.LATERAL HAREKETTE

A. Denge tarafında: Üst palatinal, alt bukkal

PUBL = Palatinal of Upper Buccal of Lower

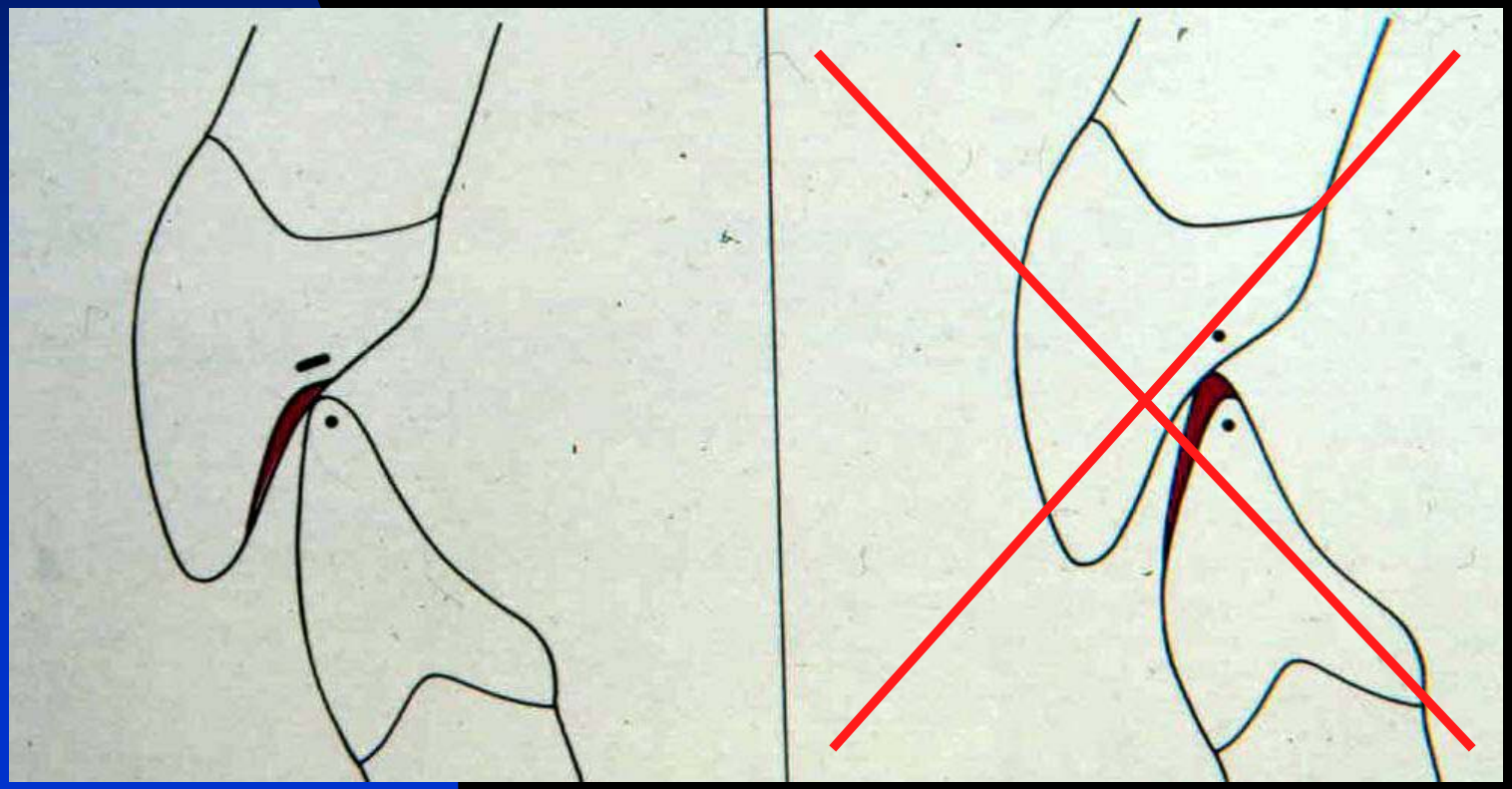


3.ANTERİOR HAREKETTE

A. Ön bölgede

Üst ön dişlerin palatinali

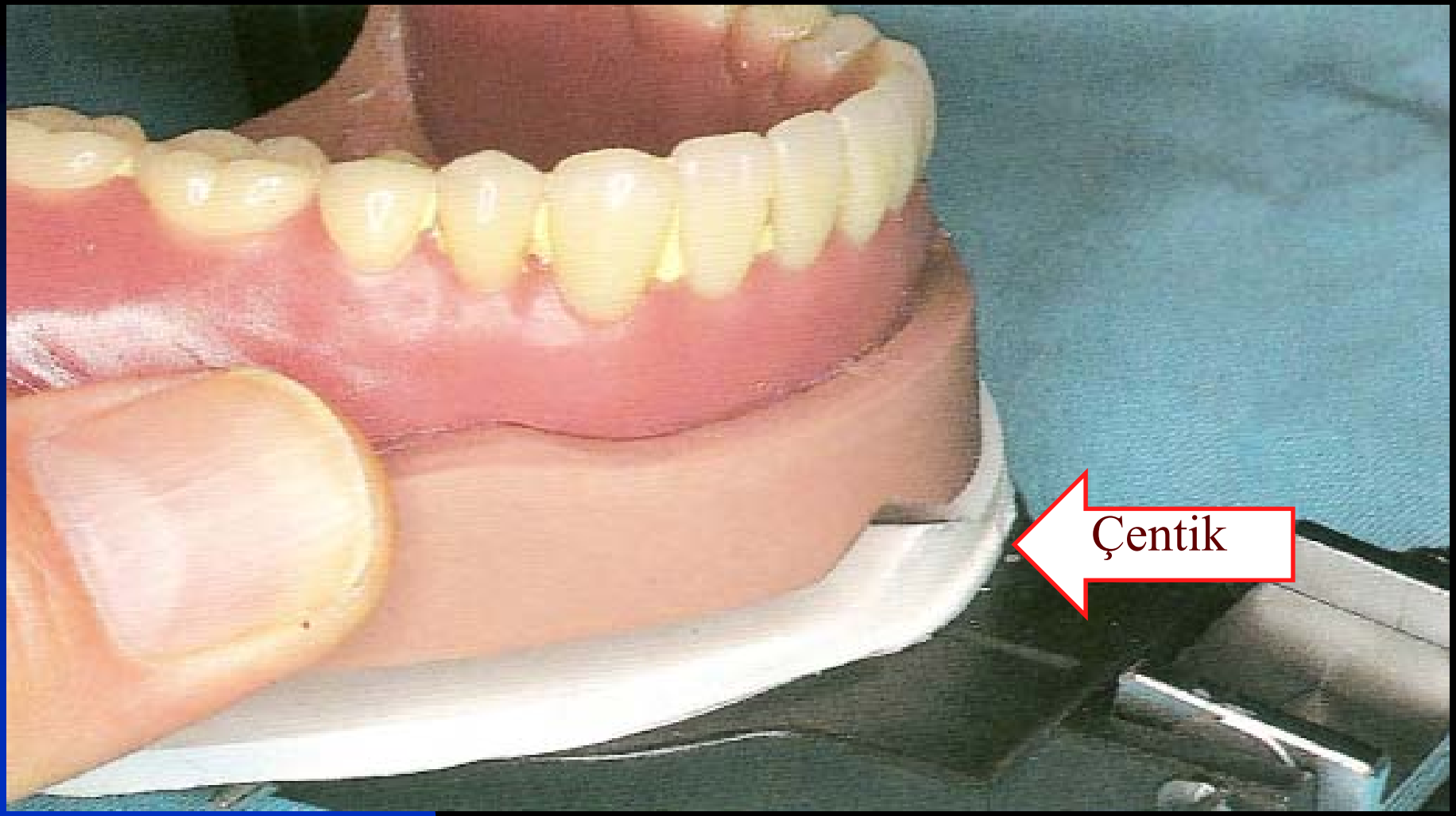
Alt ön dişlerin insizali (zorunlu durumlarda)



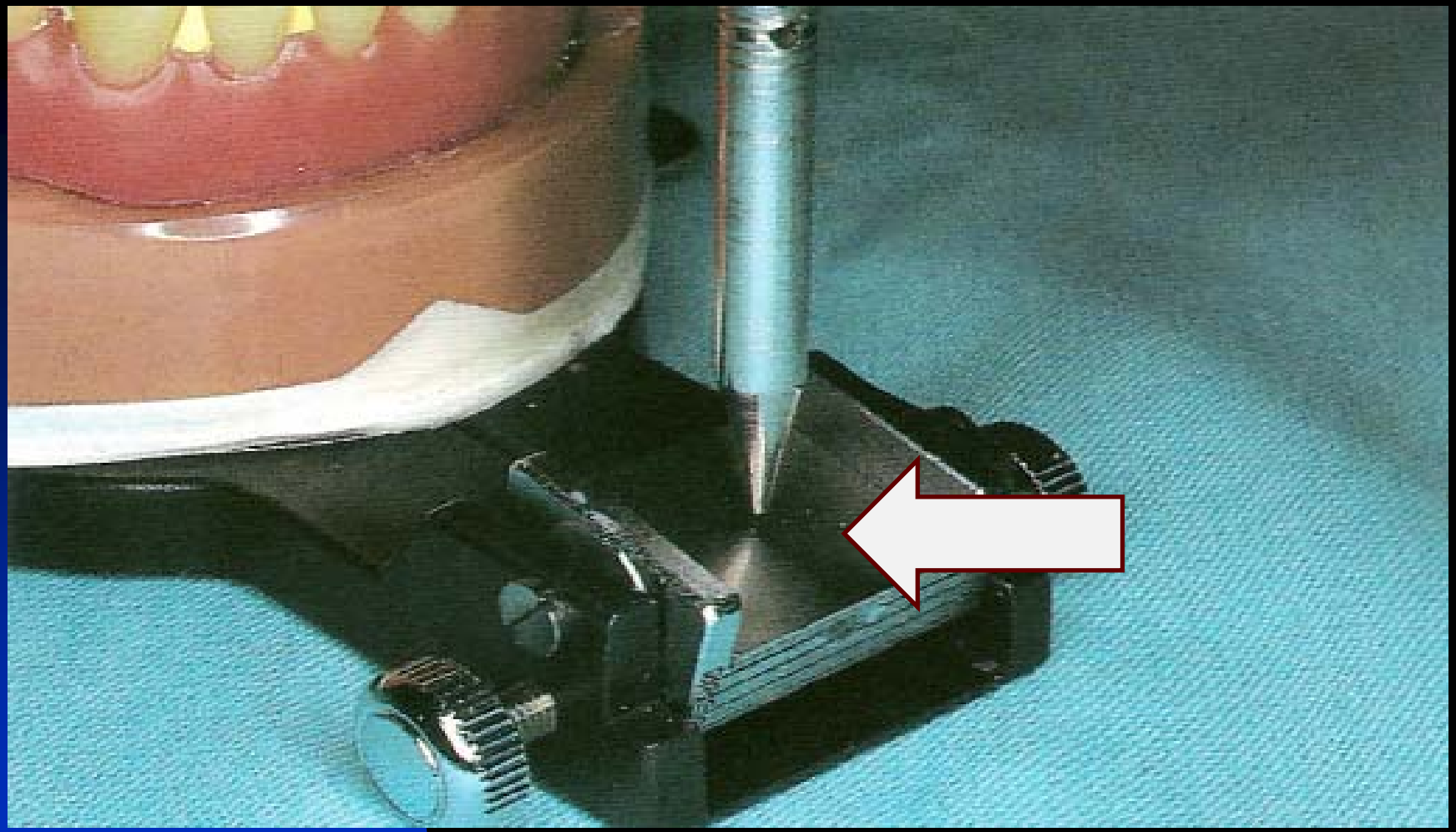
3.ANTERİOR HAREKETTE

B. Arka bölgede: Üst distal, alt mezyal
DUML = Distal of Upper Mesial of Lower

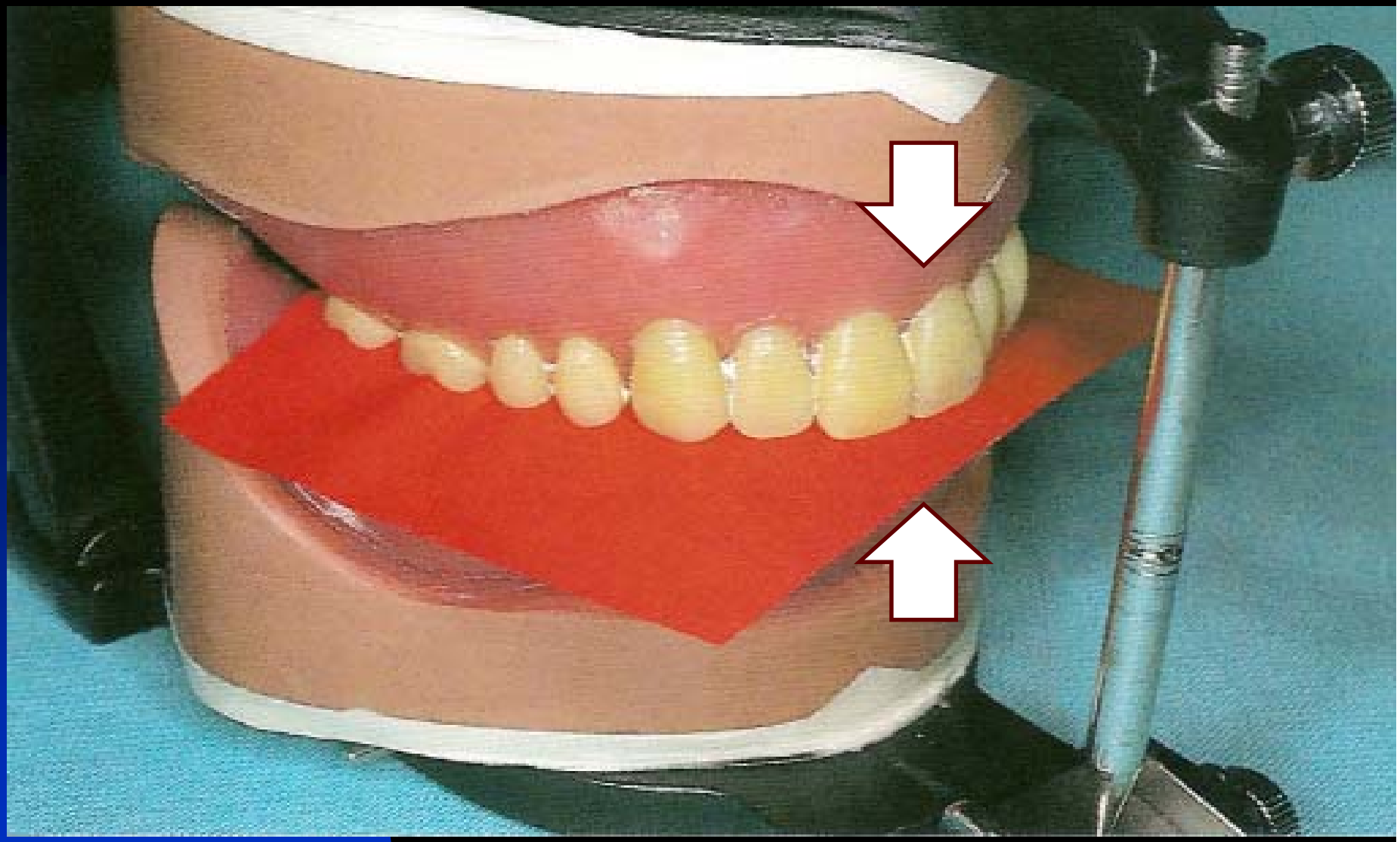
ARTİKÜLATÖRDE AŞINDIRMA



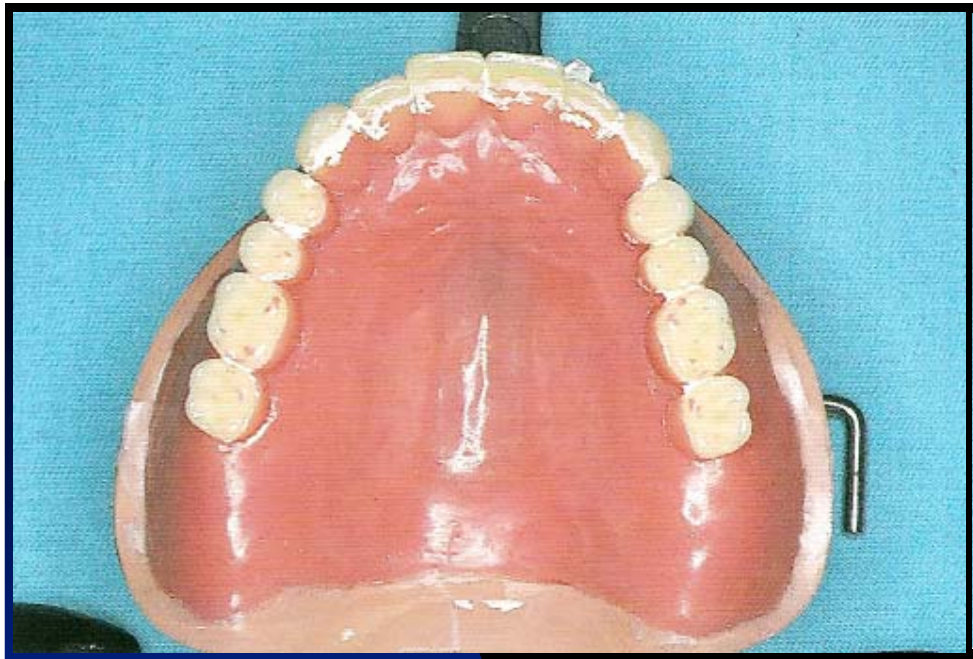
Mufladan sağlam çıkartılan model daha önce açılan çentiklerin yardımıyla artikülatöre tekrar oturtulur

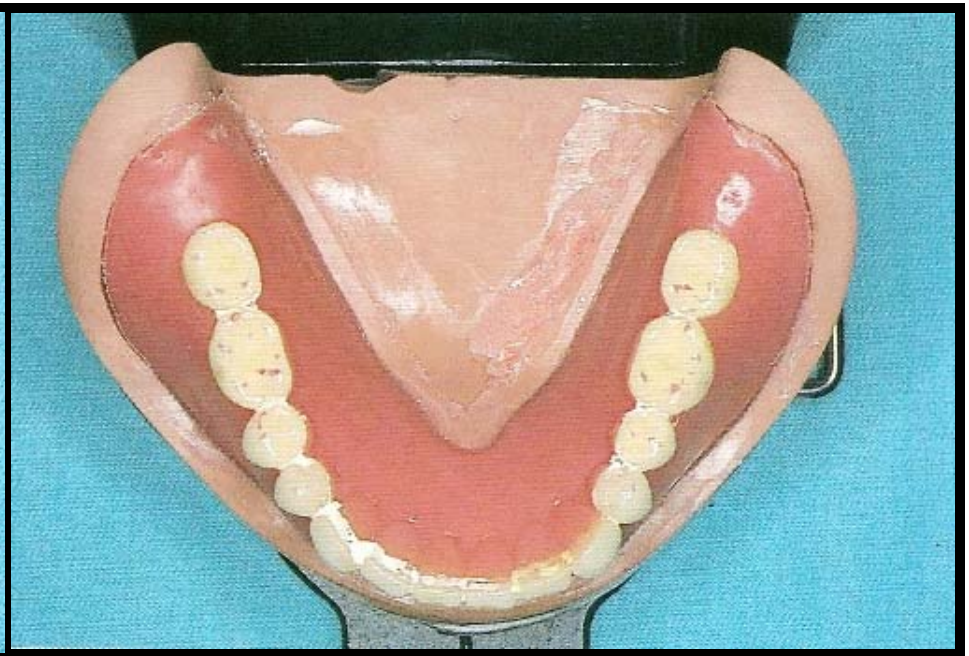


İnsizal pin mufladaki boyutsal değişimlere bağlı olarak temas etmiyor

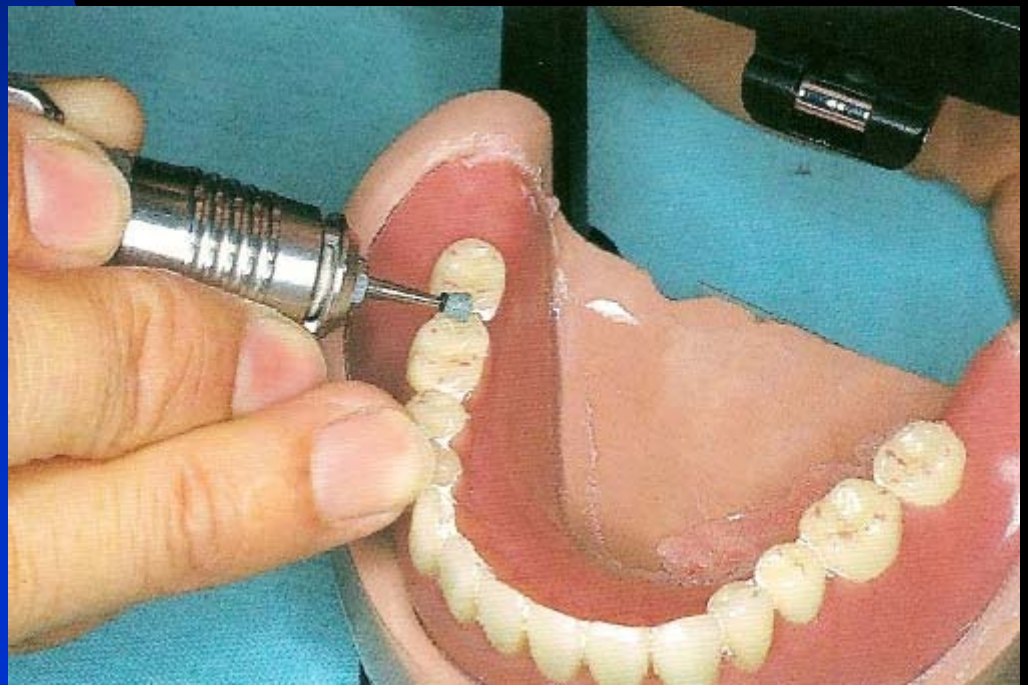


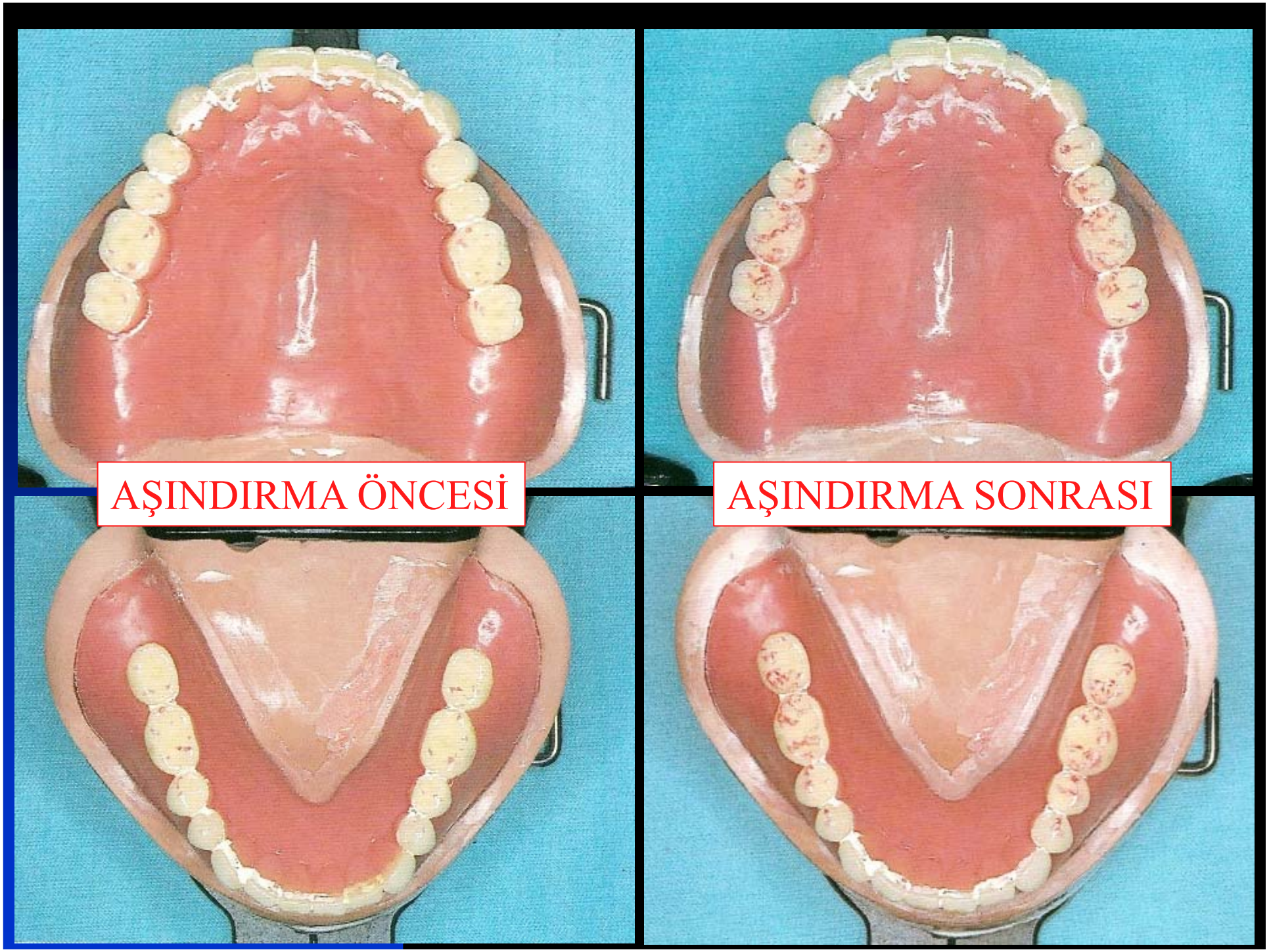
Alt-üst modellerin arasına artikülasyon kağıdı yerleştirilip alt-üst dişler hafıfçe birbirine çarptırılır

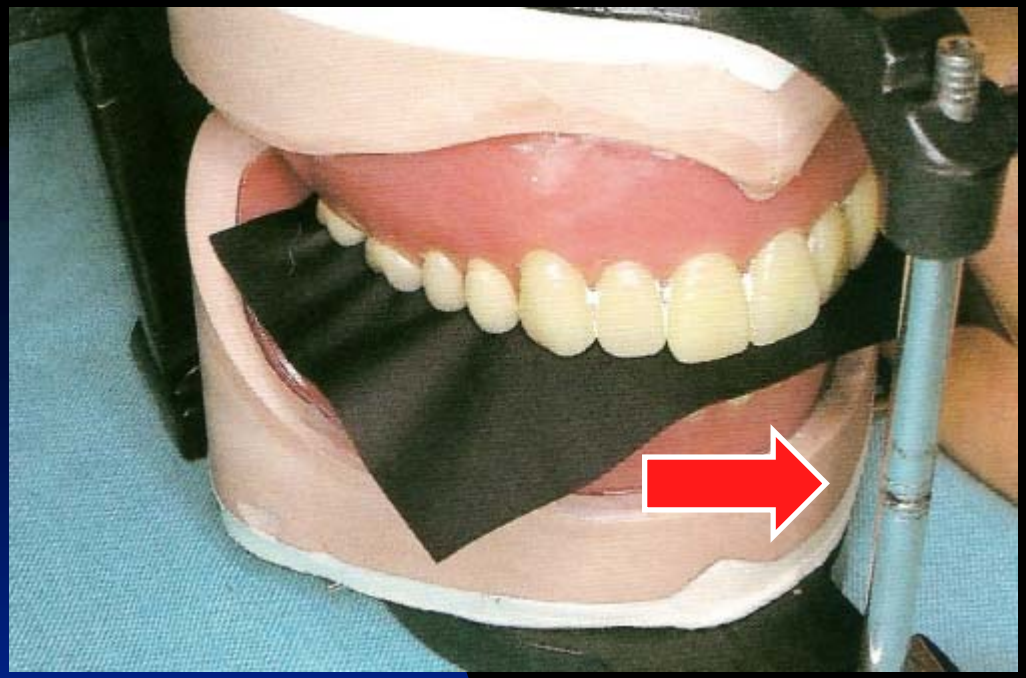




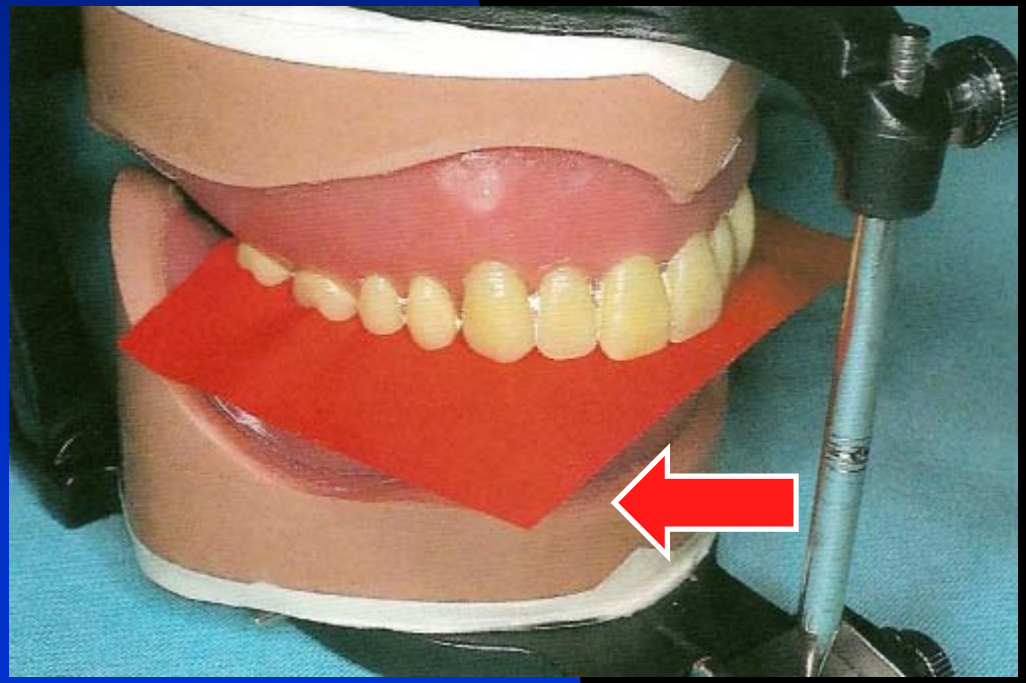
- Sentrik ilişkide az sayıda temas var !!



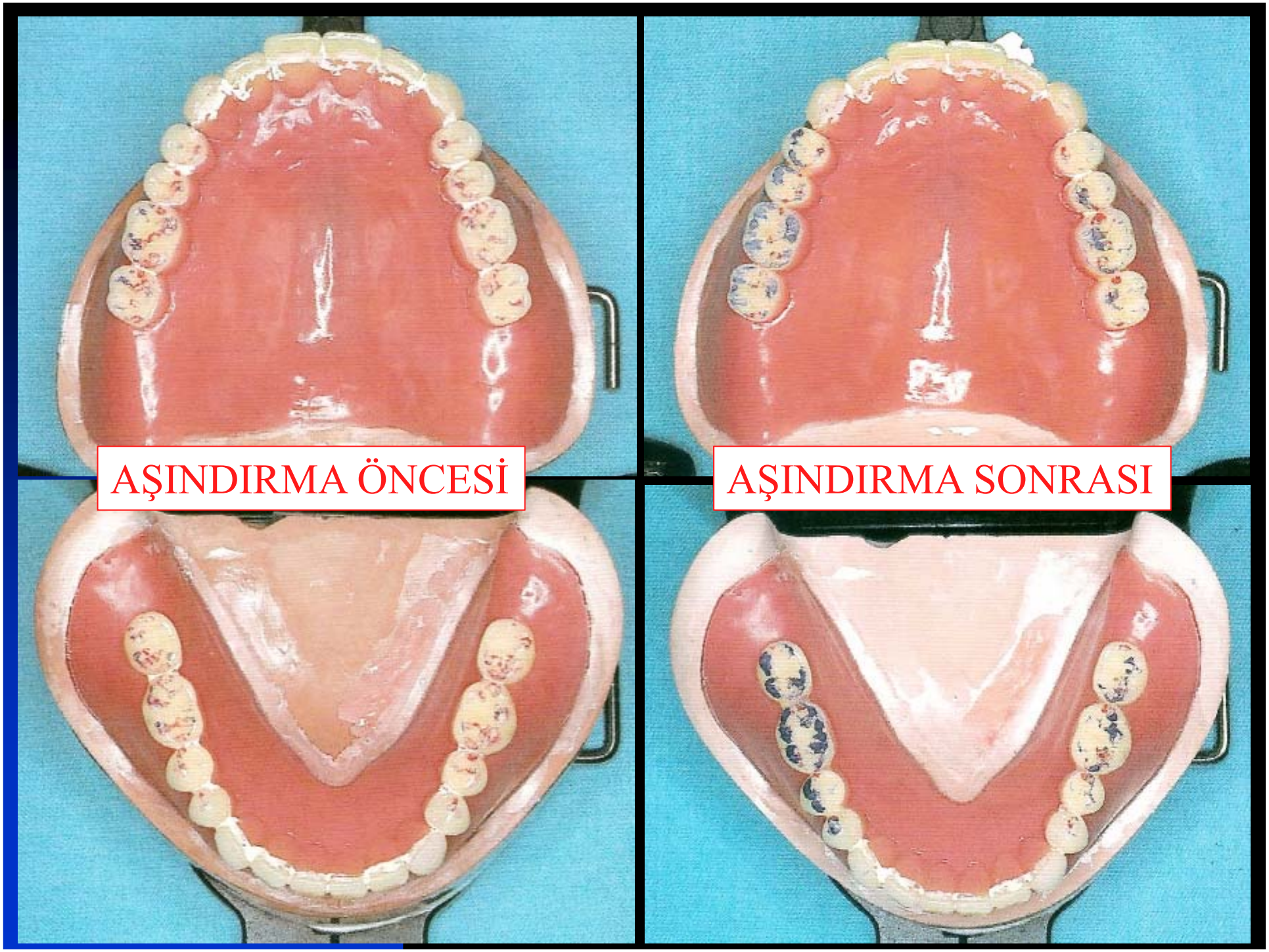

AŞINDIRMA ÖNCESİ
AŞINDIRMA SONRASI

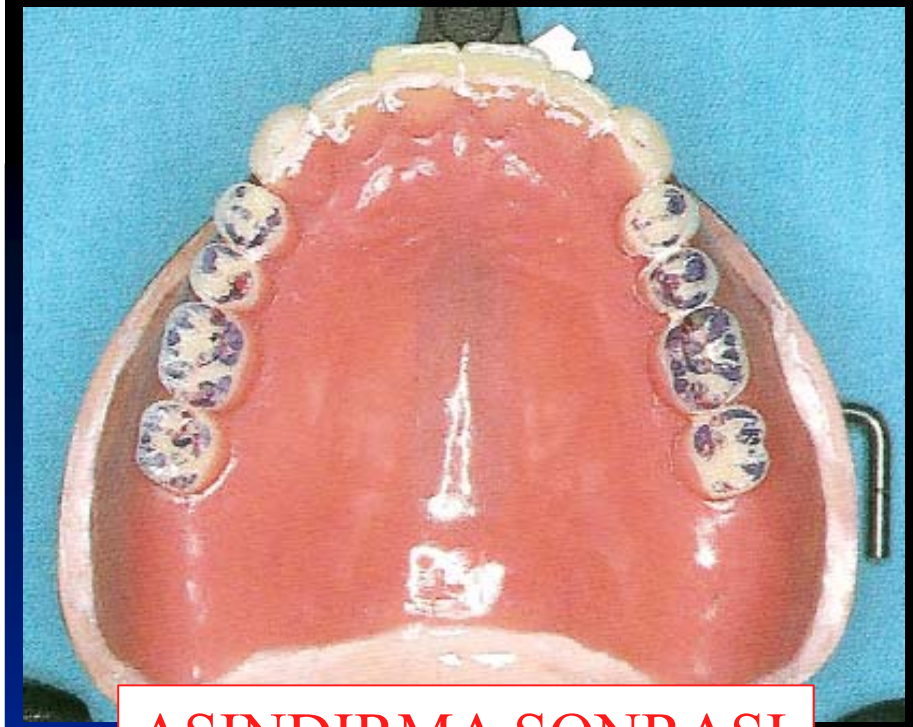


- Alt-üst modellerin arasına artikülasyon kağıdı yerleştirilip artikülatöre tek yönde lateral hareket yaptırılır.

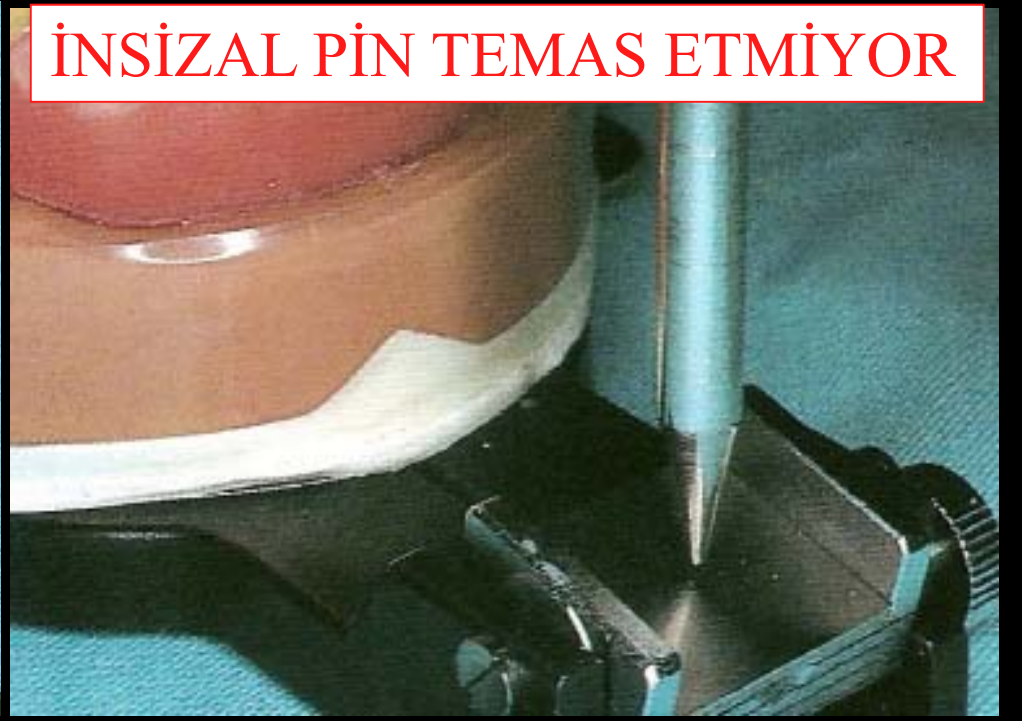


- Farklı bir artikülasyon kağıdı yerleştirilip artikülatöre diğer yönde lateral hareket yaptırılır.


AŞINDIRMA ÖNCESİ
AŞINDIRMA SONRASI



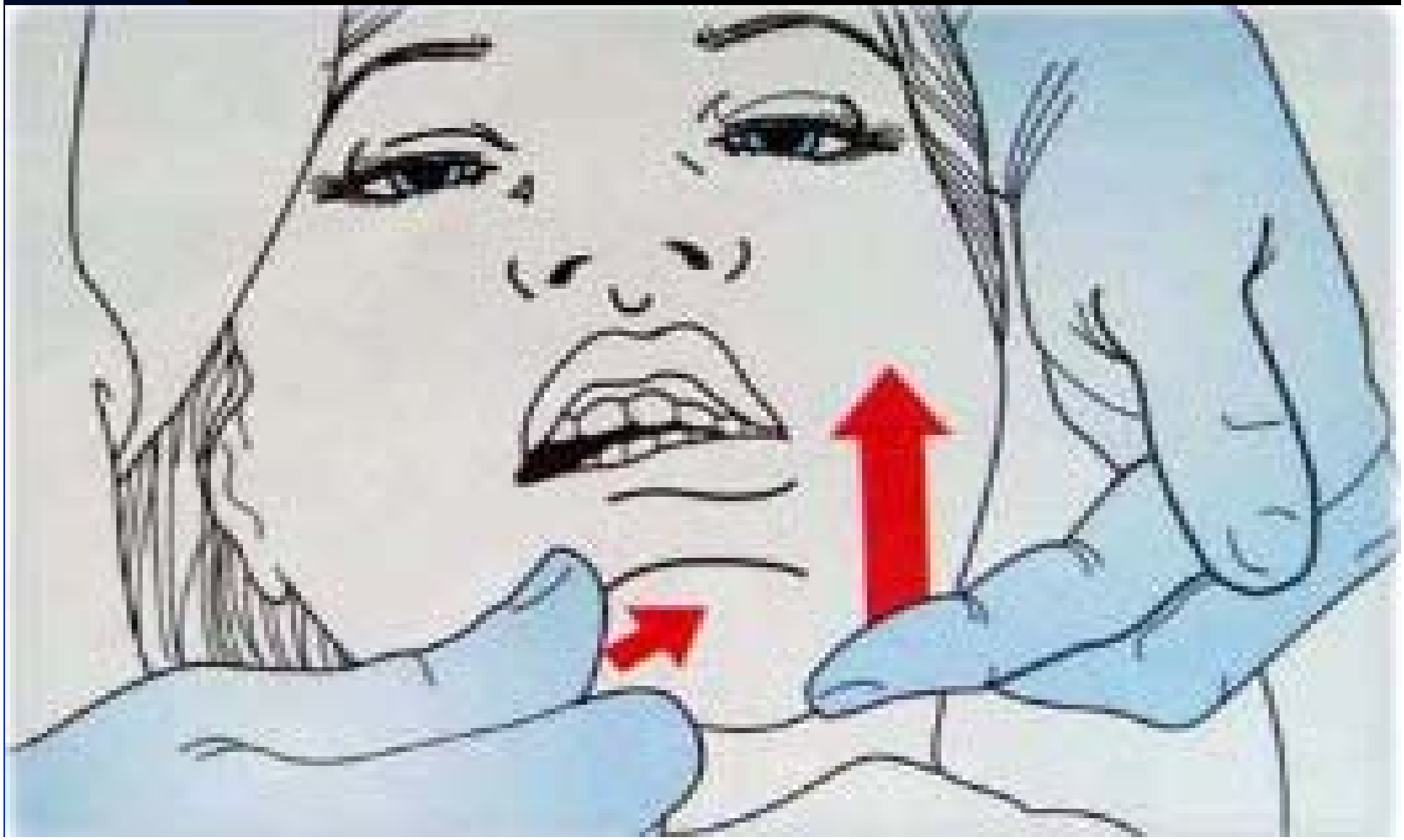
AŞINDIRMA SONRASI



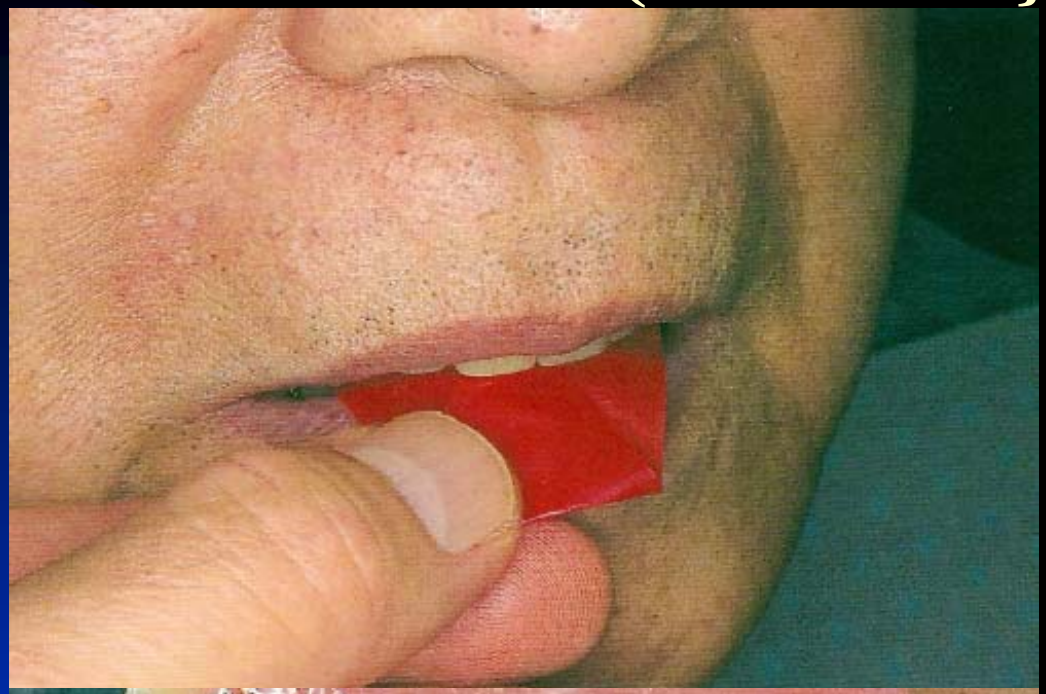
İNSİZAL PİN TEMAS ETMİYOR

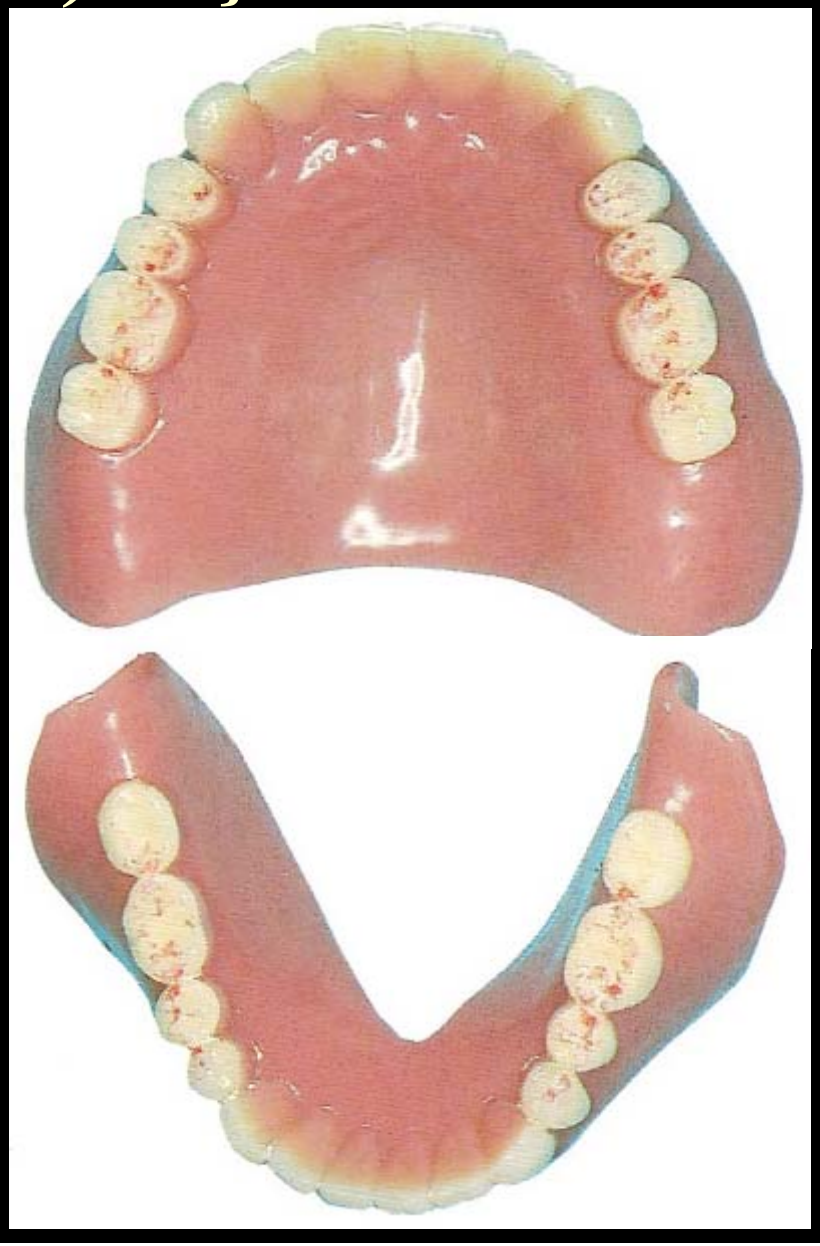
İNSİZAL PİN TEMAS EDİYOR

KLİNİKTE (AĞIZ İÇİ) AŞINDIRMA



KLİNİKTE (AĞIZ İÇİ) AŞINDIRMA





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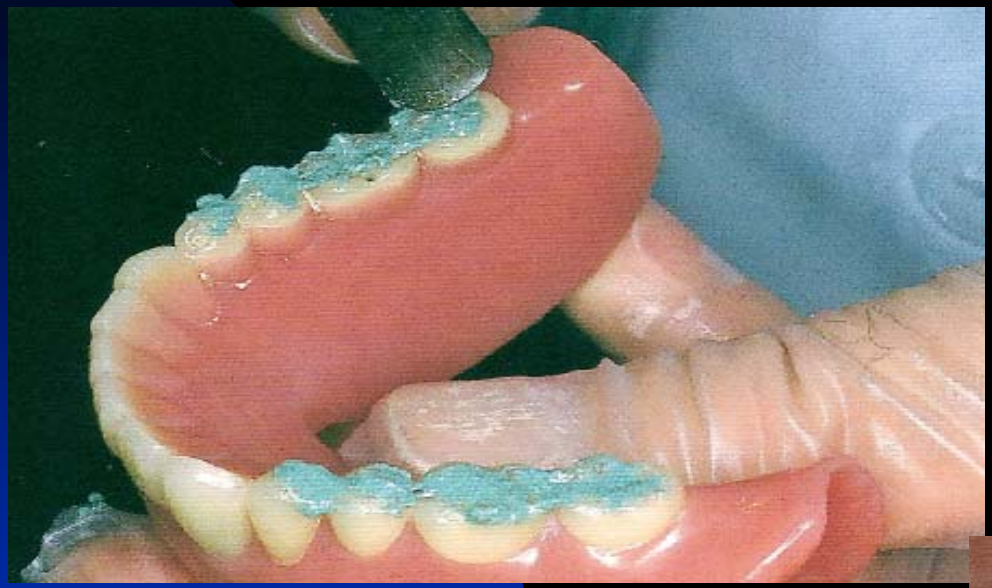
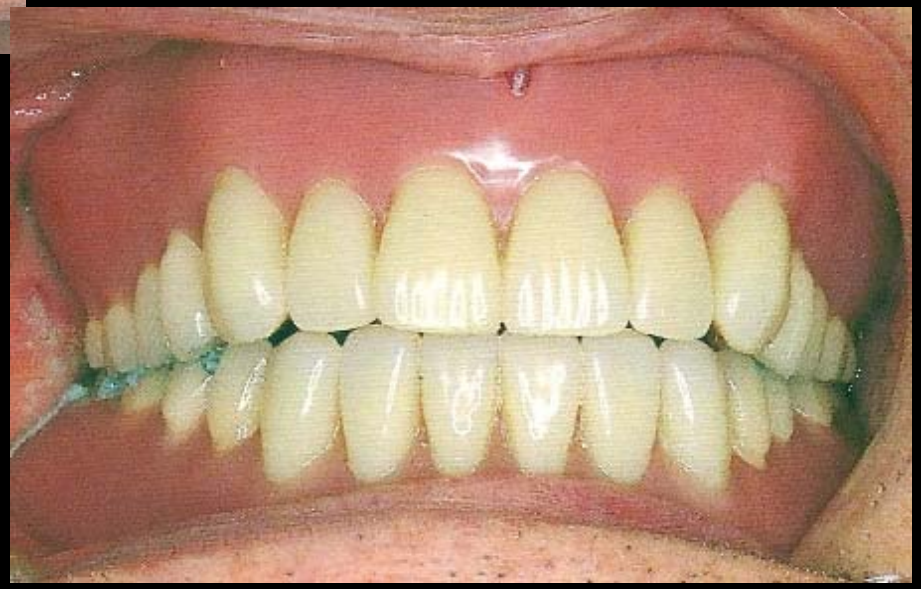




AŞINDIRMA SONRASI

CİLALAMA

- Porselen dişte porselen lastiği ile
- Akrilik dişte konvansiyonel yöntemle

OKLÜZAL KAYIT MATERYALLERİ
Okluzal işaretleyiciler (belirleyiciler)

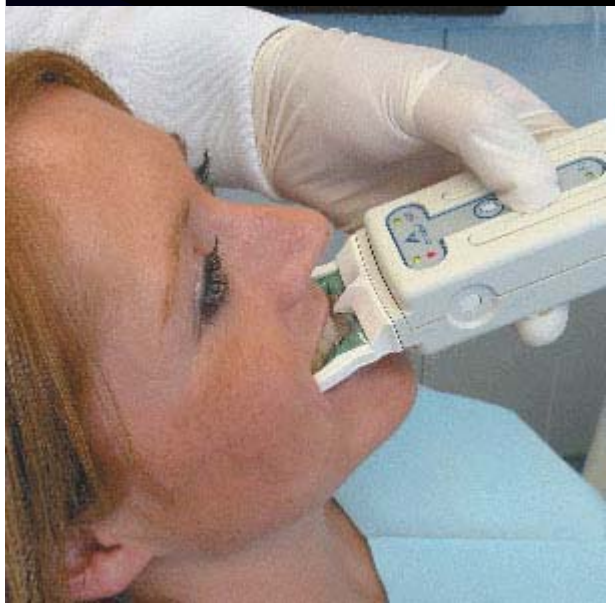
1.Artikülasyon kağıtları (80-200 µm)

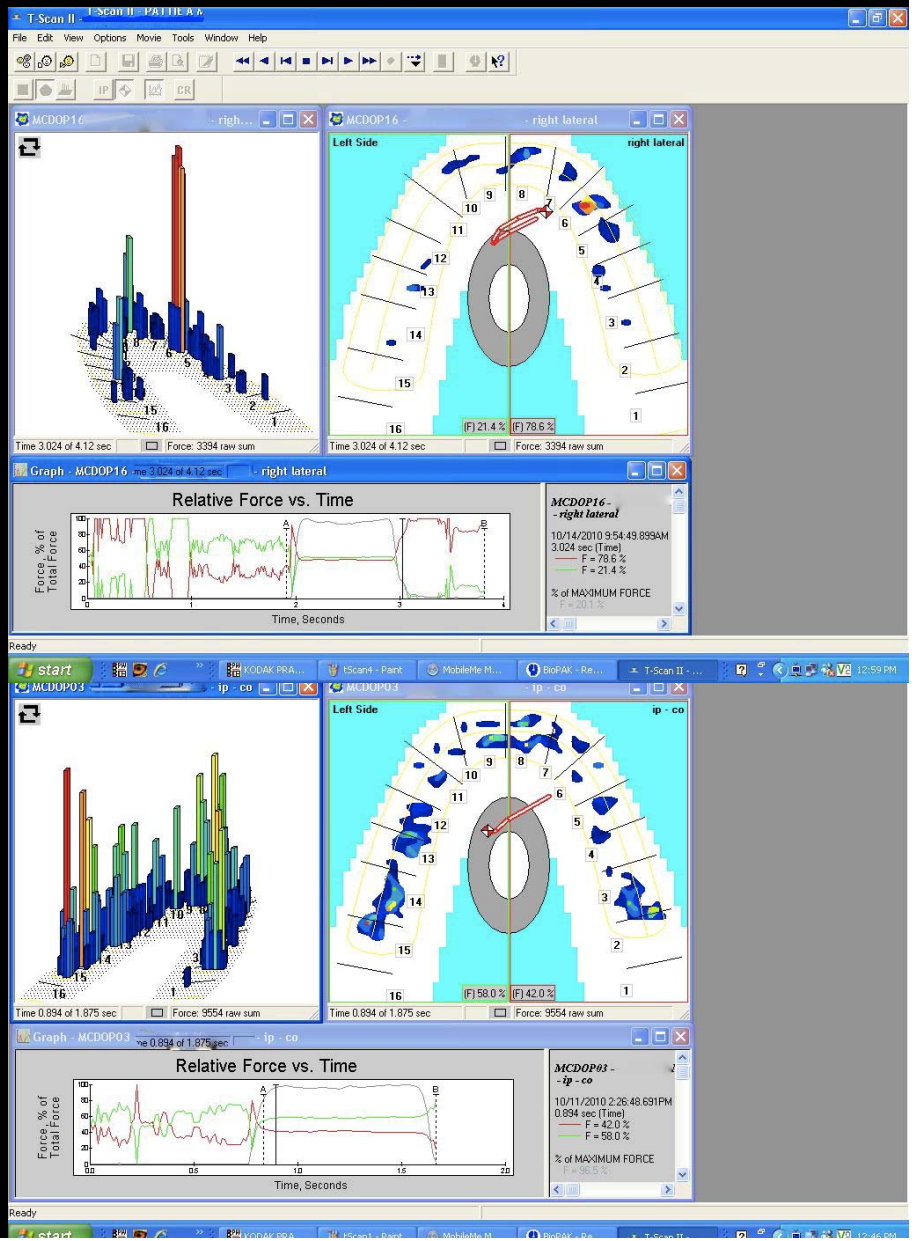
2.Folyo (8-17µm)

3.İpek şerit (60-80µm)

4.T-Scan

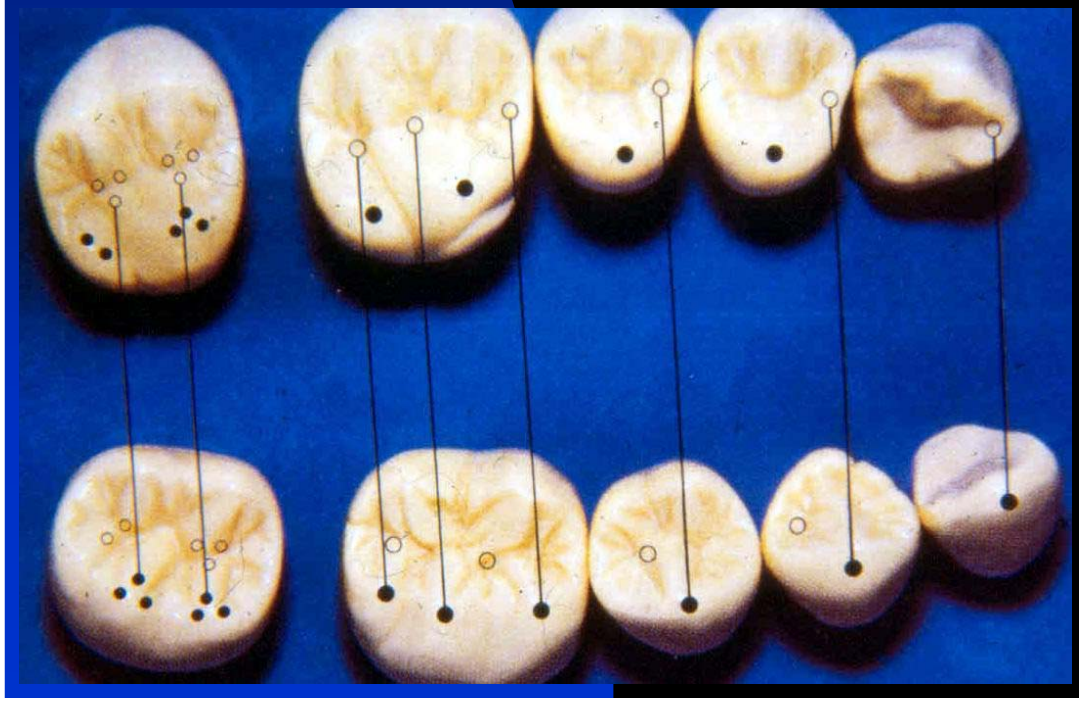
T-SCAN OKLUZAL ANALİZ SİSTEMİ

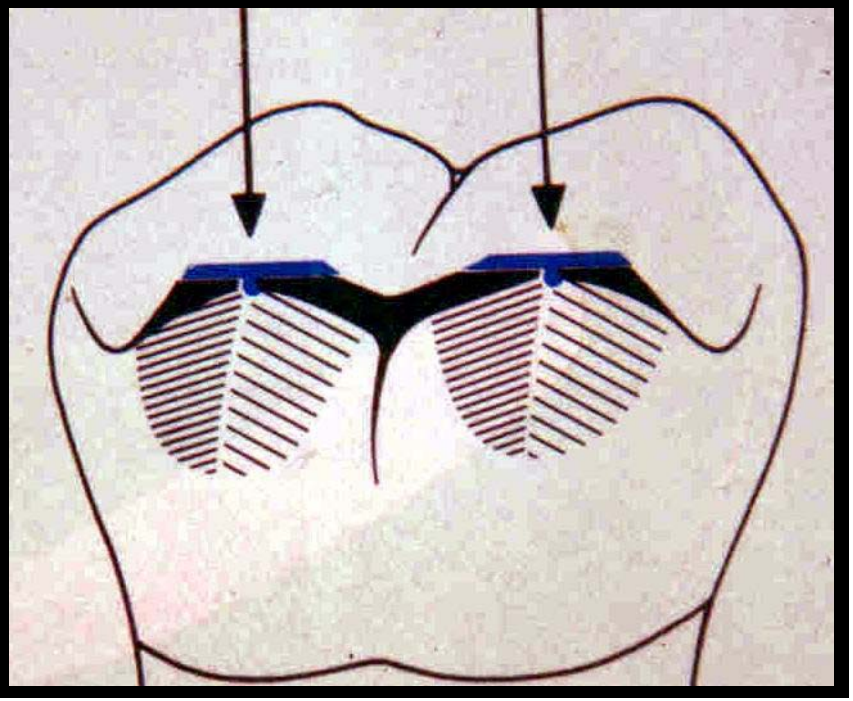




DİKKAT !!!!!

- Fonksiyonel tüberküller aşındırılmamalı
- Tüberkül tepesi aşındırılmamalı, düzleştirilmemeli
- Farklı hareketler farklı renkte işaretleyicilerle belirlenmeli
- Parlak ve ıslak yüzeylerde pseudokontakt (hatalı iz)





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