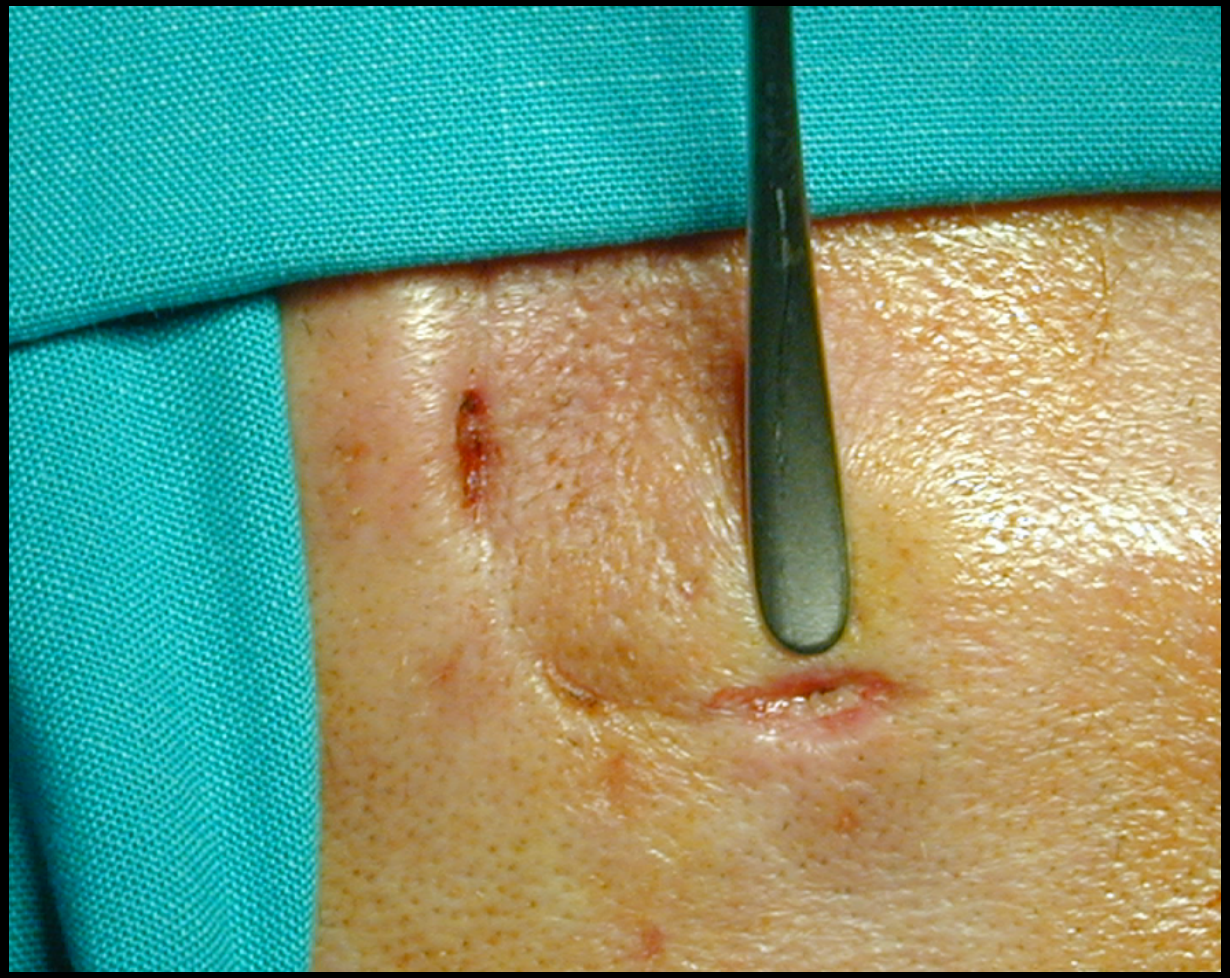
SPİNAL FİKSASYONDA KURGU HATALARI VE KOMPLİKASYONLARI

Dr.Hakan BOZKUŞ

VKV Amerikan Hastanesi, Nöroşirurji Bölümü

İTÜ, Fen Bilimleri Enstitüsü

KONUŞMA KONUSU DEĞİL !



KONUŞMA KONUSU

- Kurgu hataları
- İmplant yetersizliği
- Hastaya ait özellikler (osteoporoz, sekonder travma)

Yetersiz kemikleşme, implant yetersizliği





Normalden uzun plak, yanlış vida yönü !

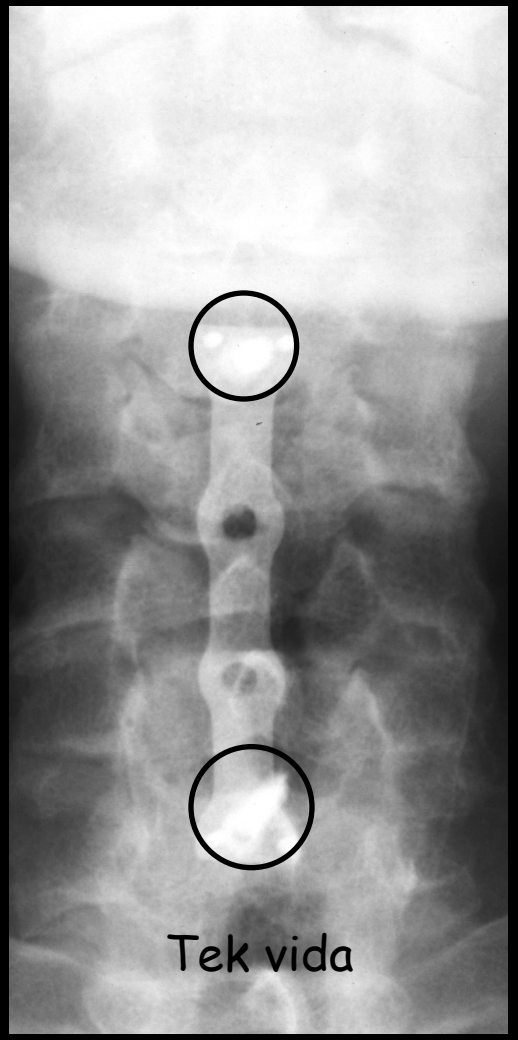




Birden fazla anterior servikal diskektomi



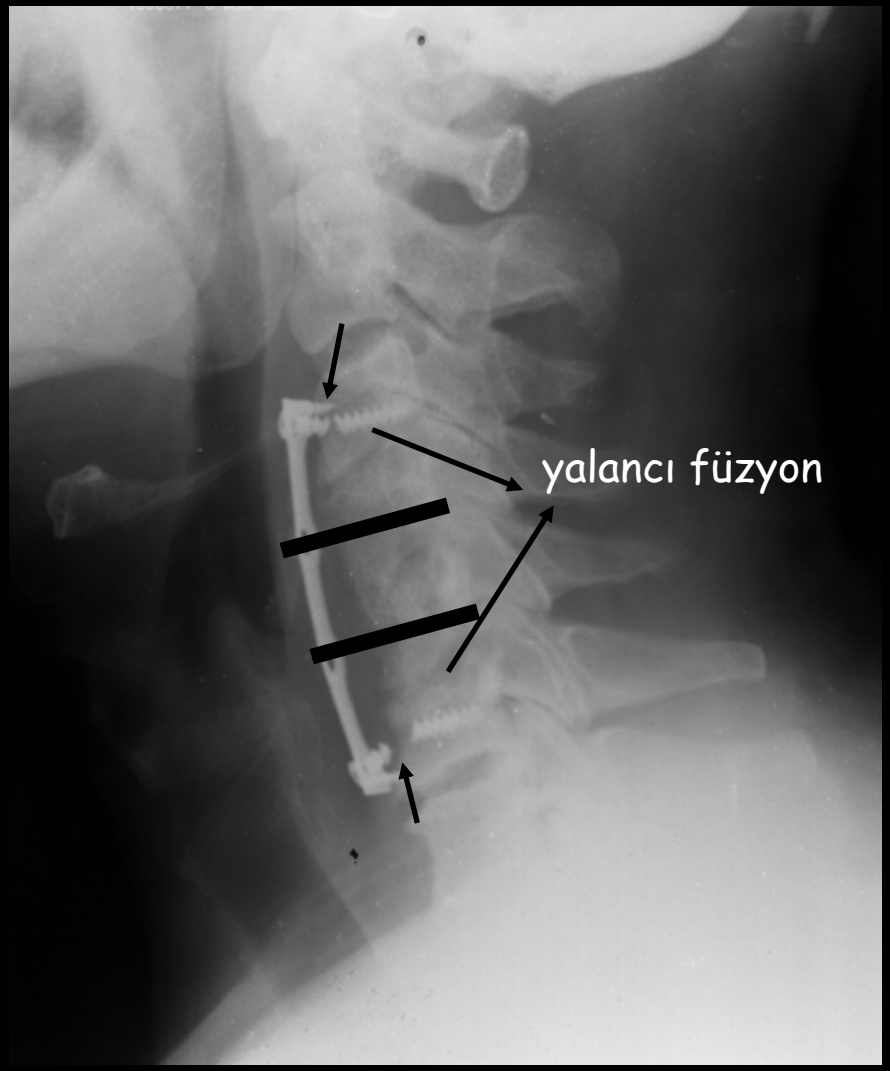




Uzun plakta yetersiz fiksasyon

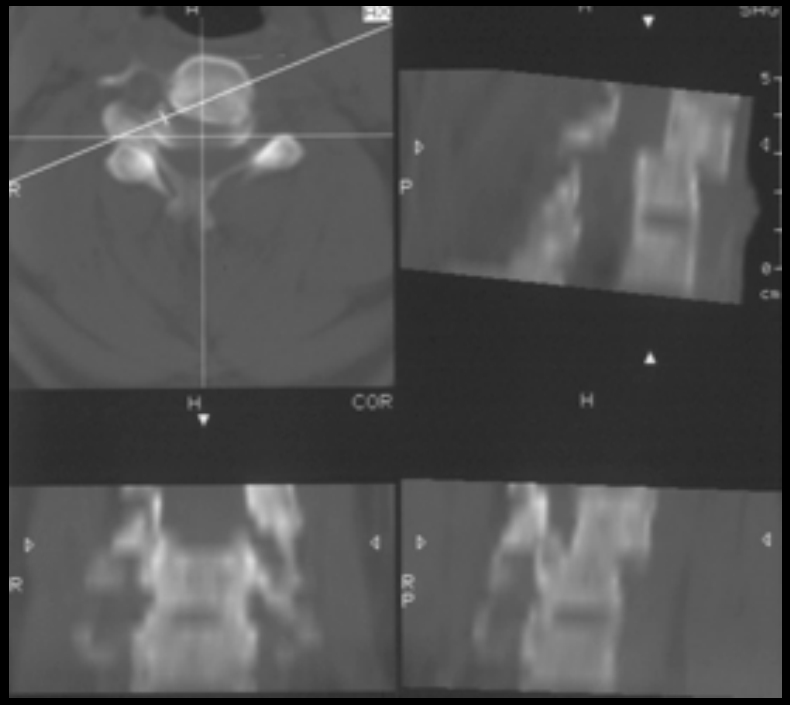


Erken postop.



Geç postop.

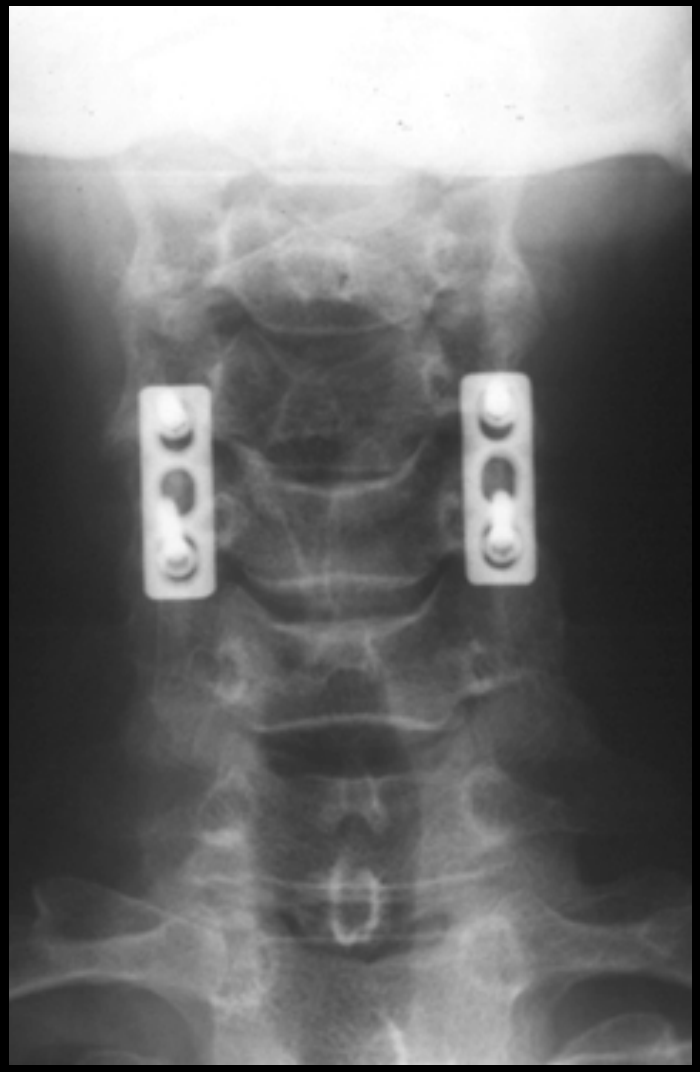
Yaklaşım ne olmalı ?





Faset kilitlenmesi

Lateral mass vidası





Yanlış tasarım !



Erken postop.

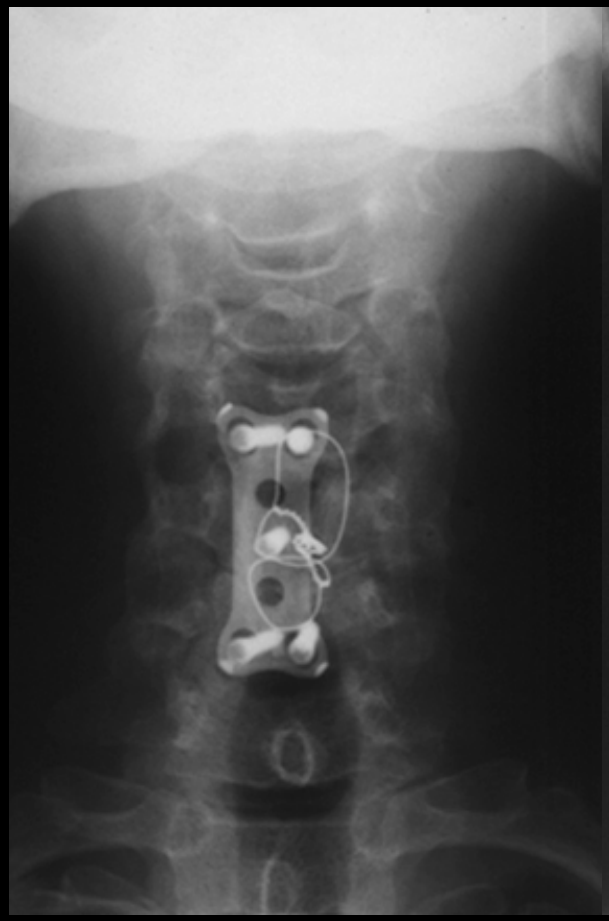


Geç postop.

Düzeltme ameliyatı



Erken postop.

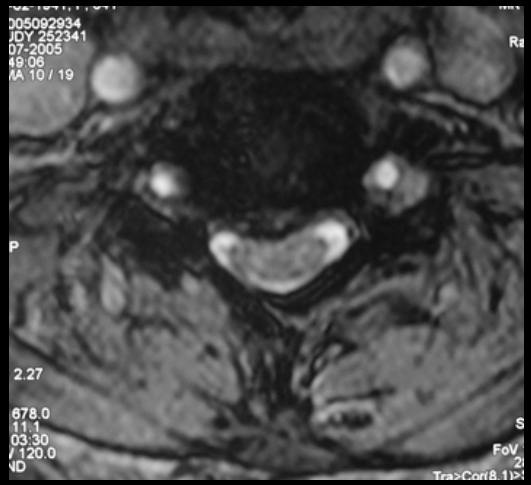




1.yıl kontrol

Anterior servikal diskektomi



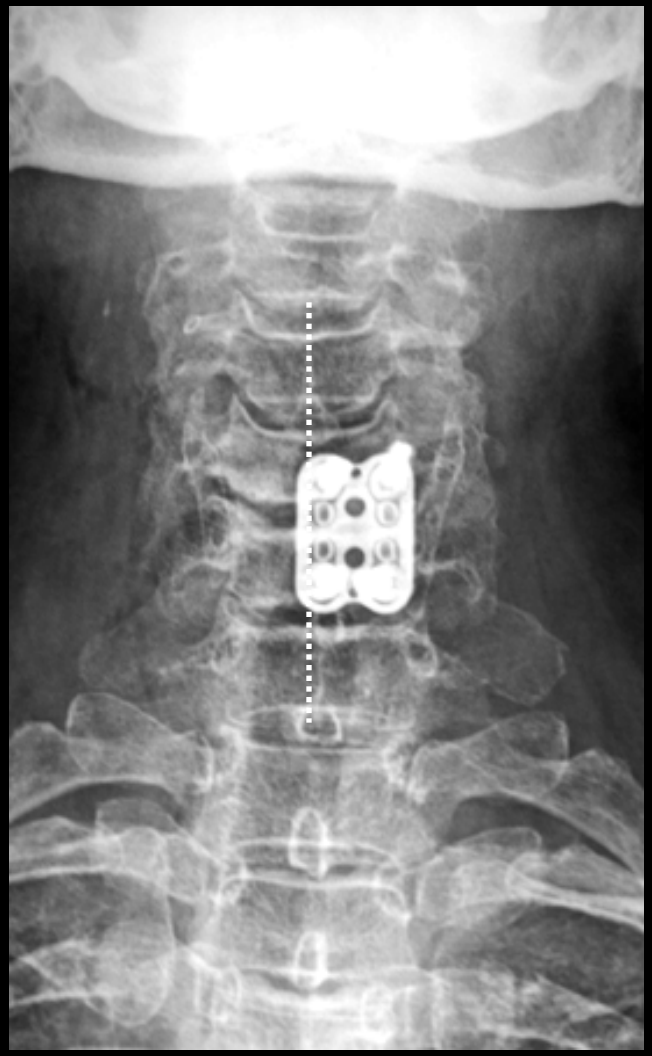




C5-6

Postop. erken dönem

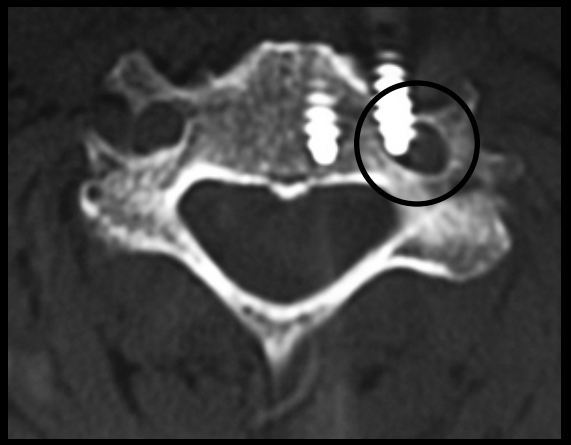




Postop. erken dönem



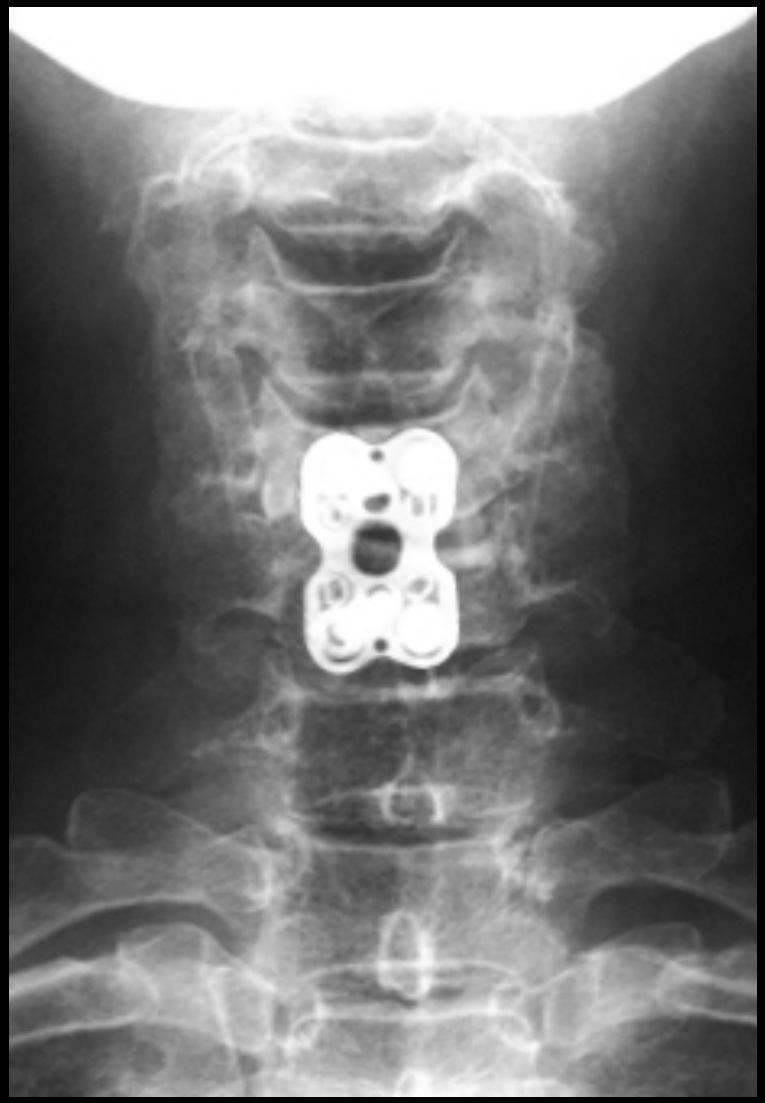






Düzeltme ameliyatı





Anterior servikal kafes



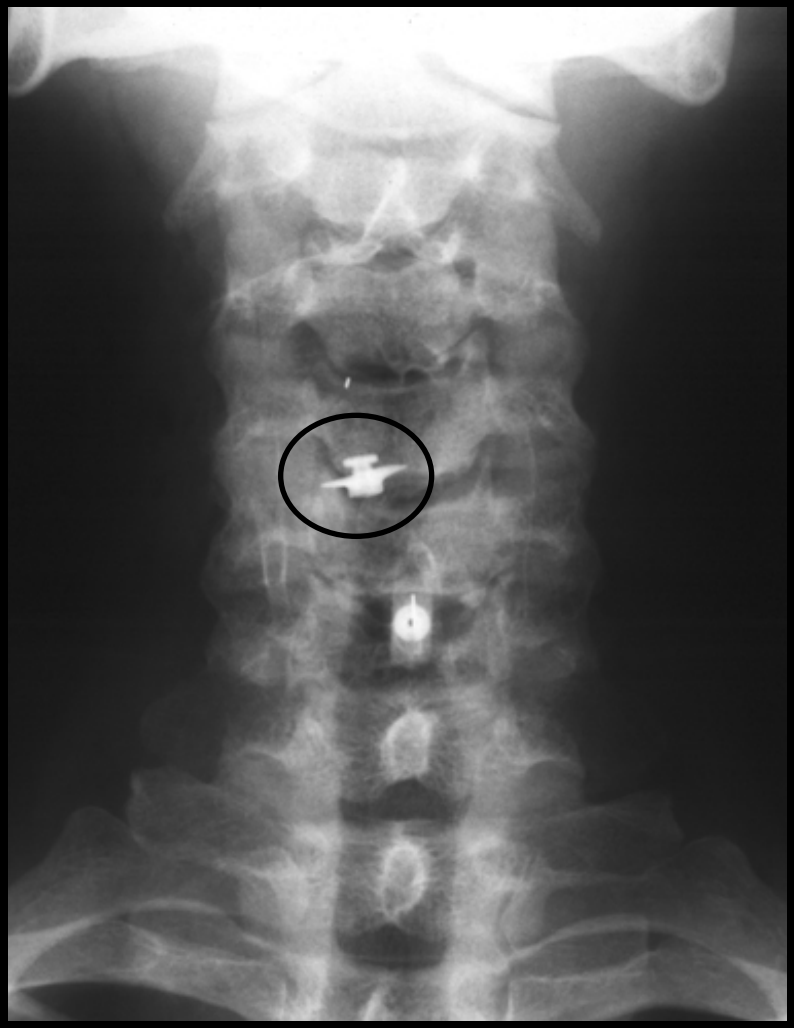




Mekanik boyun ağrısı

Servikal kafes uygulaması

YETERSİZ TRAKSİYON !





Servikal kafes uygulaması

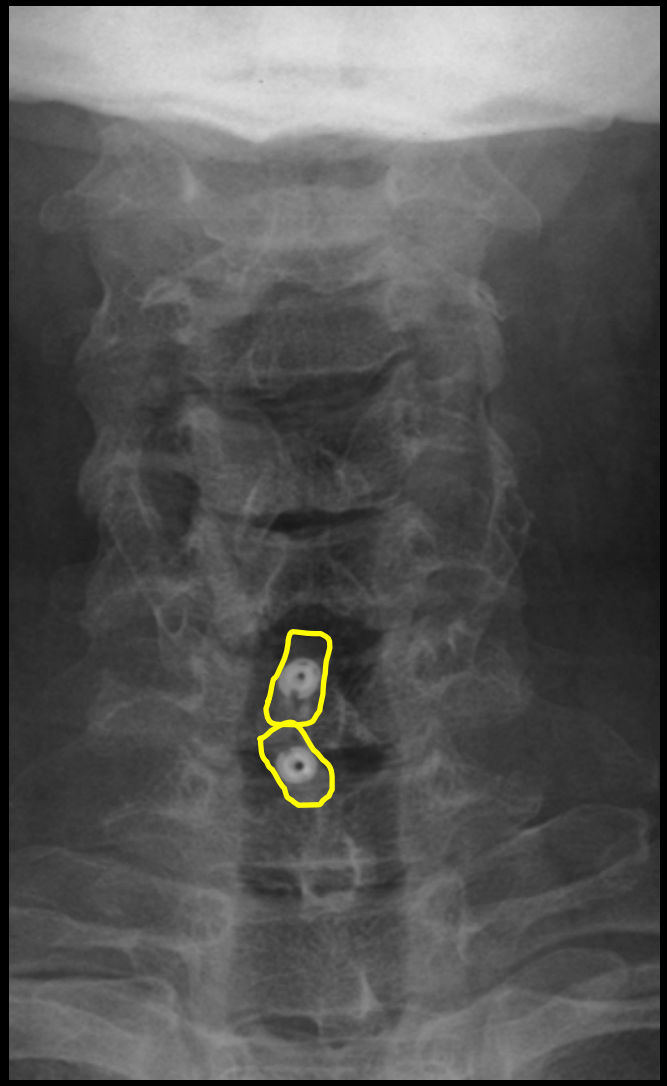






Servikal kafes uygulaması

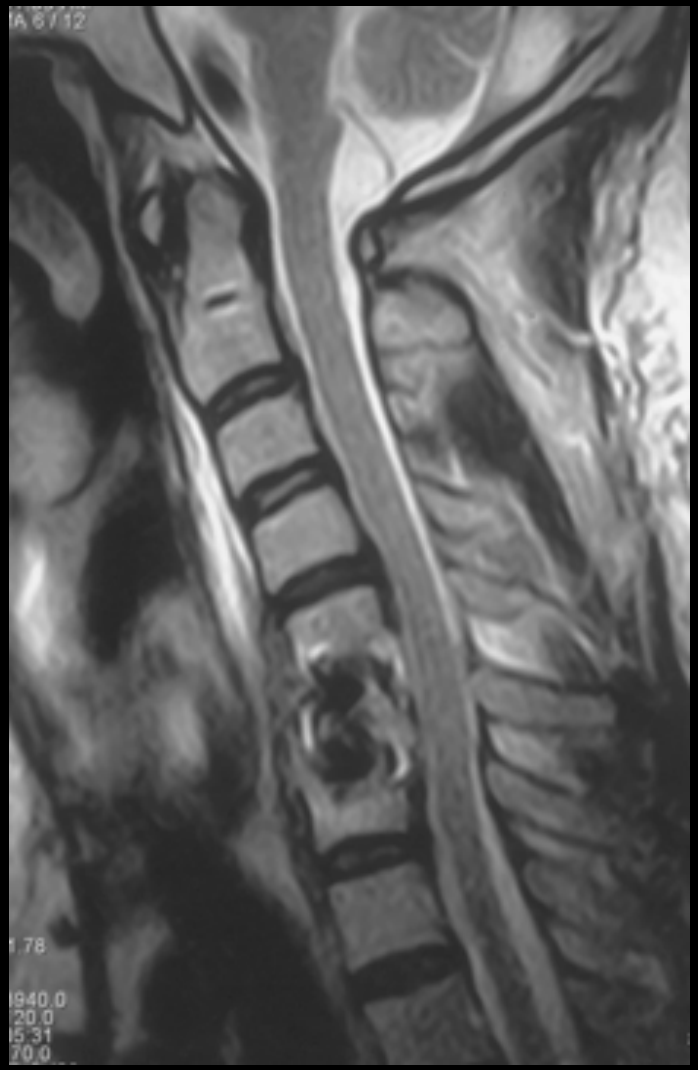
AŞIRI TRAKSİYON !





Servikal kafes uygulaması





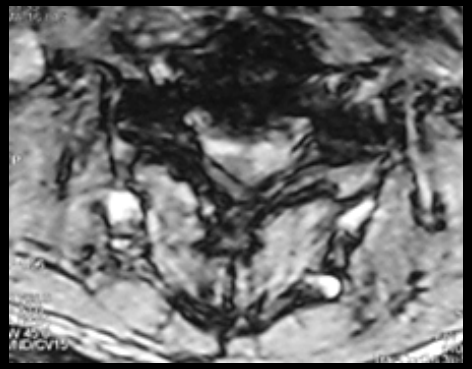
Düzeltme ameliyatı

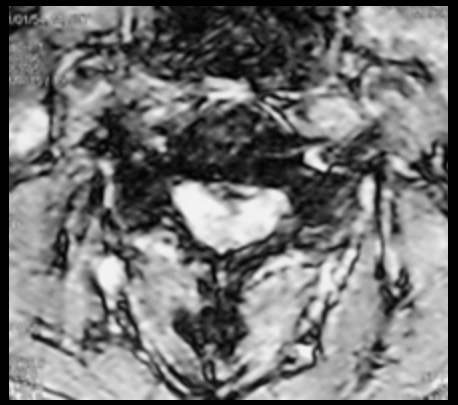




Yeniliklere açık olmalıyız ?

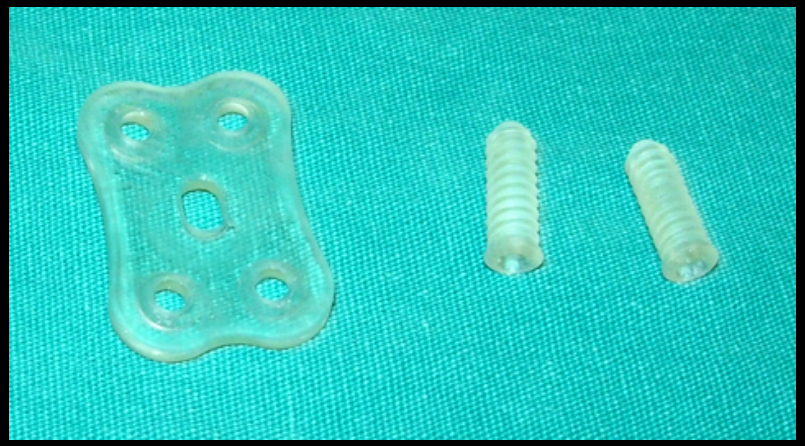


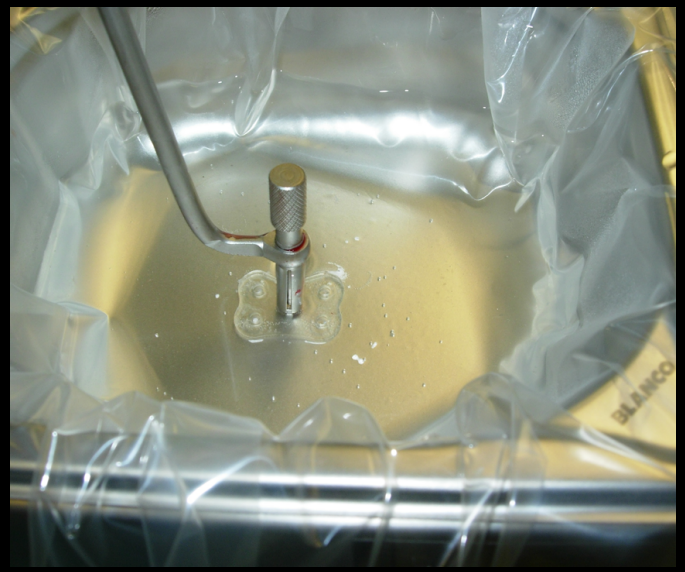


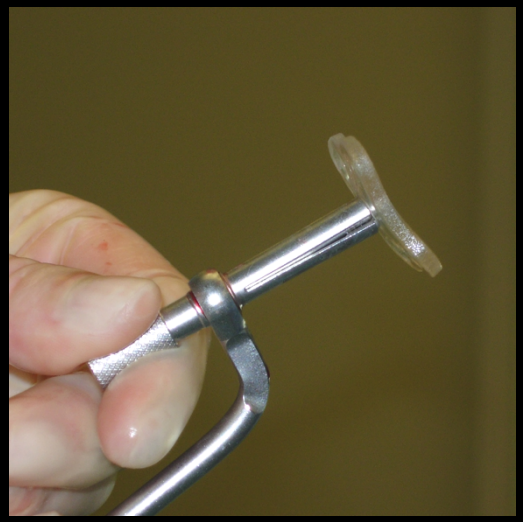


C3-4

Absorbe olabilen servikal plak







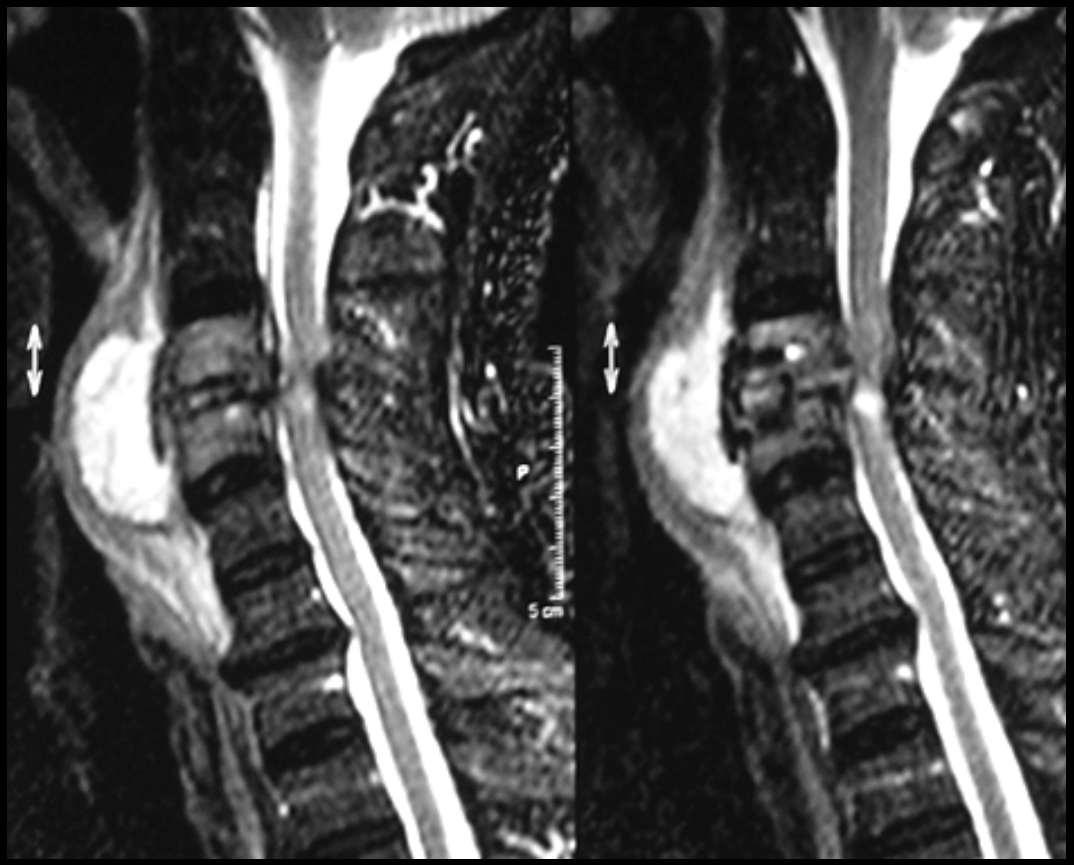
Perop. ve Postop 1.gün

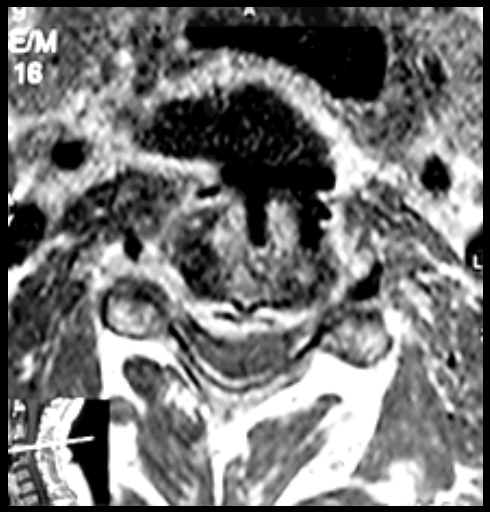




Postop 1.hafta

KÜLTÜR NEGATİF, AŞIRI İMMUN REAKSİYON ?

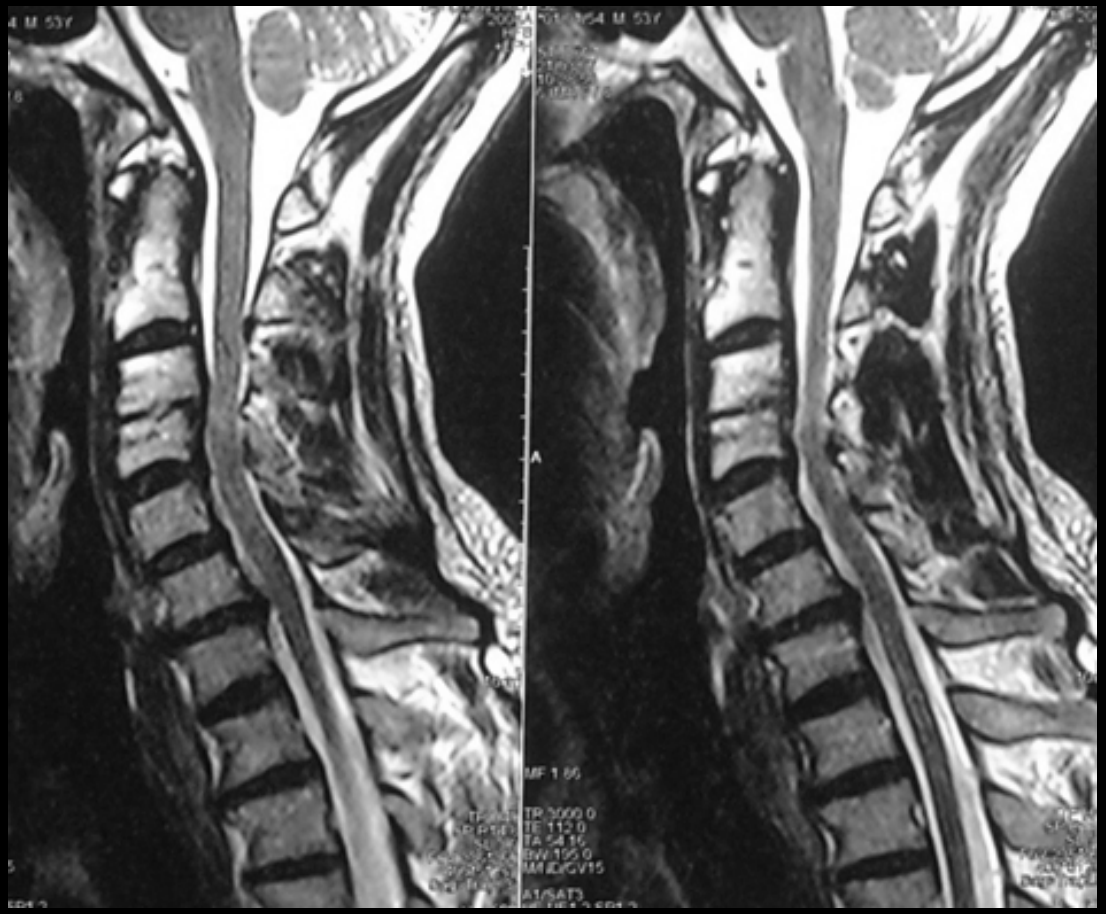


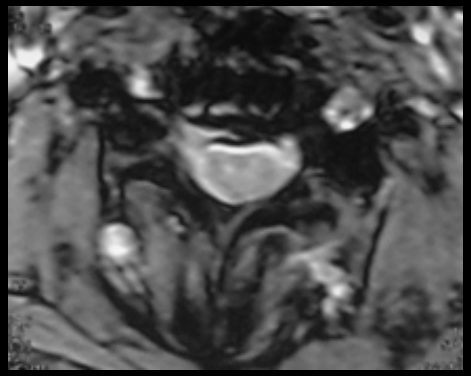


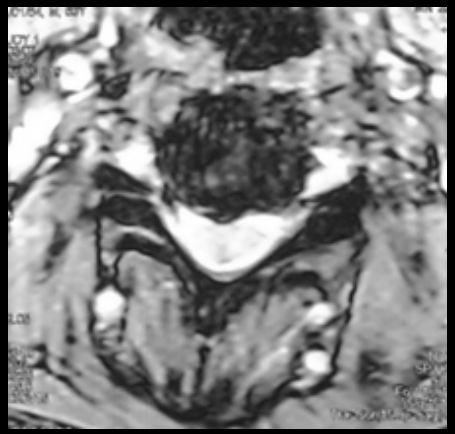


Tetraparezi ve disfaji

2.Postop 3.ay



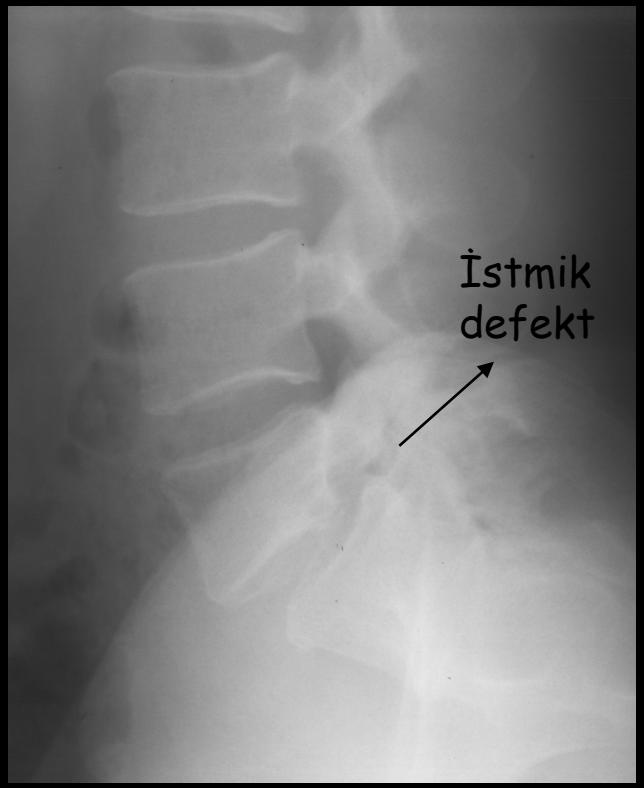




Dejeneratif listezis

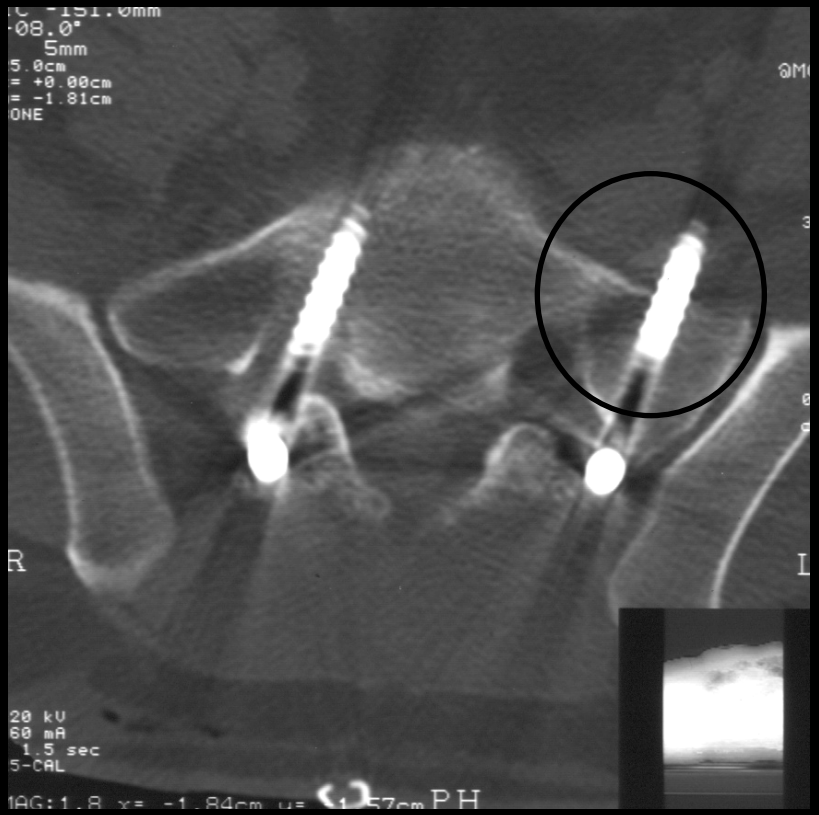






Postop. düzeltme

Sakral ala' da kemik trabekülü zayıftır

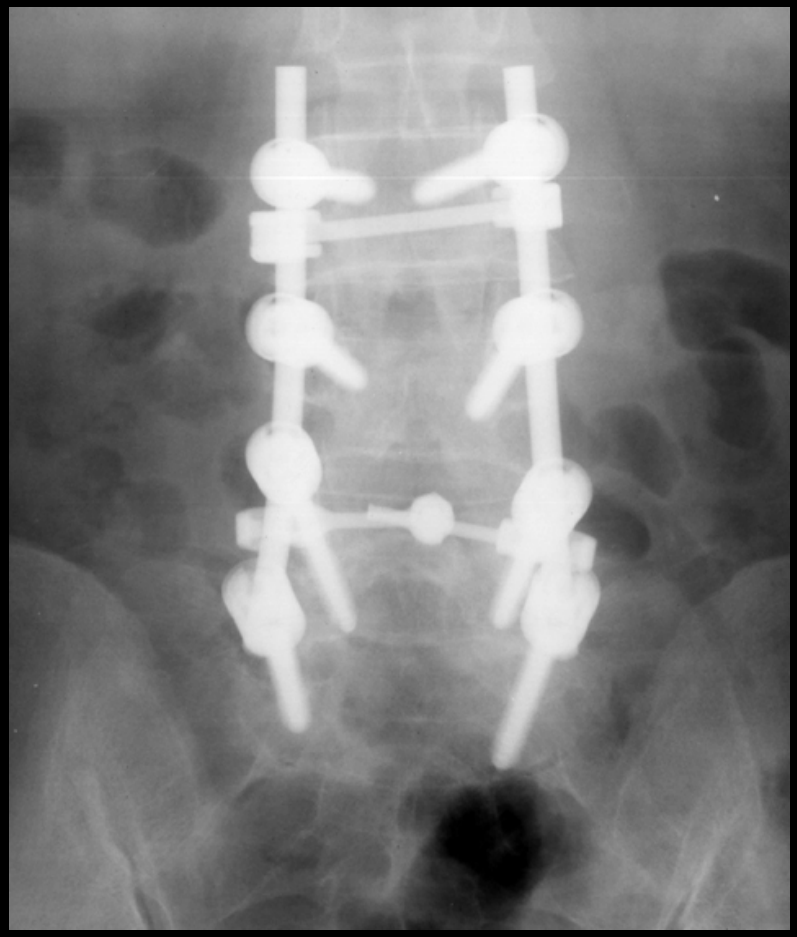


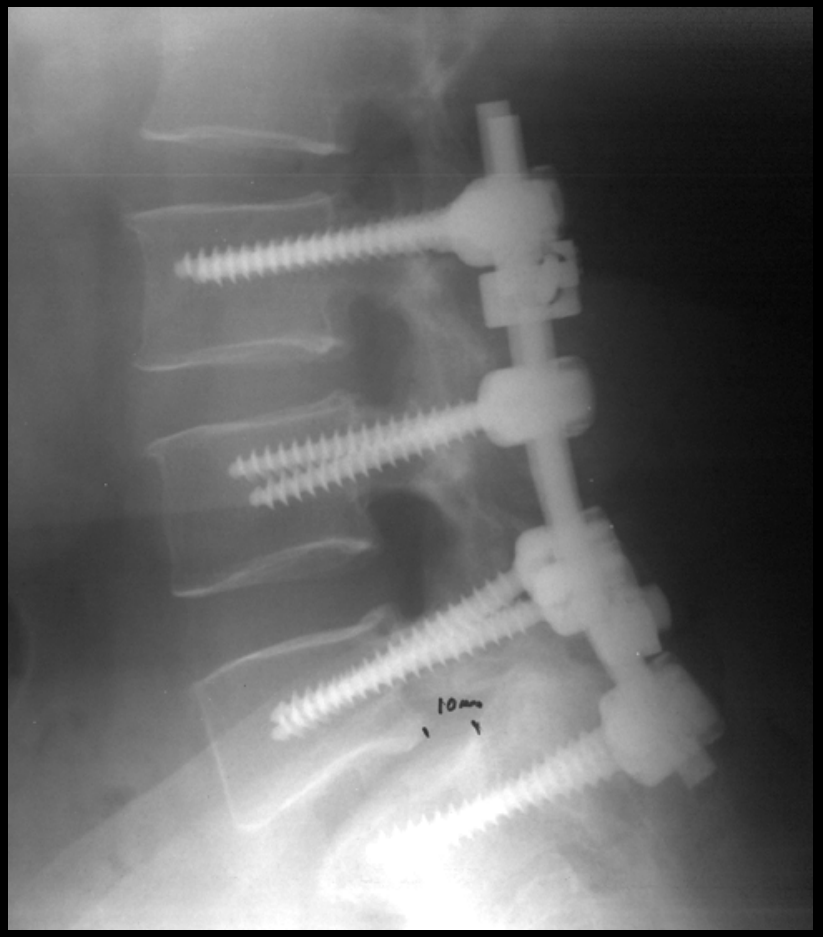
1. postop.



2. postop.

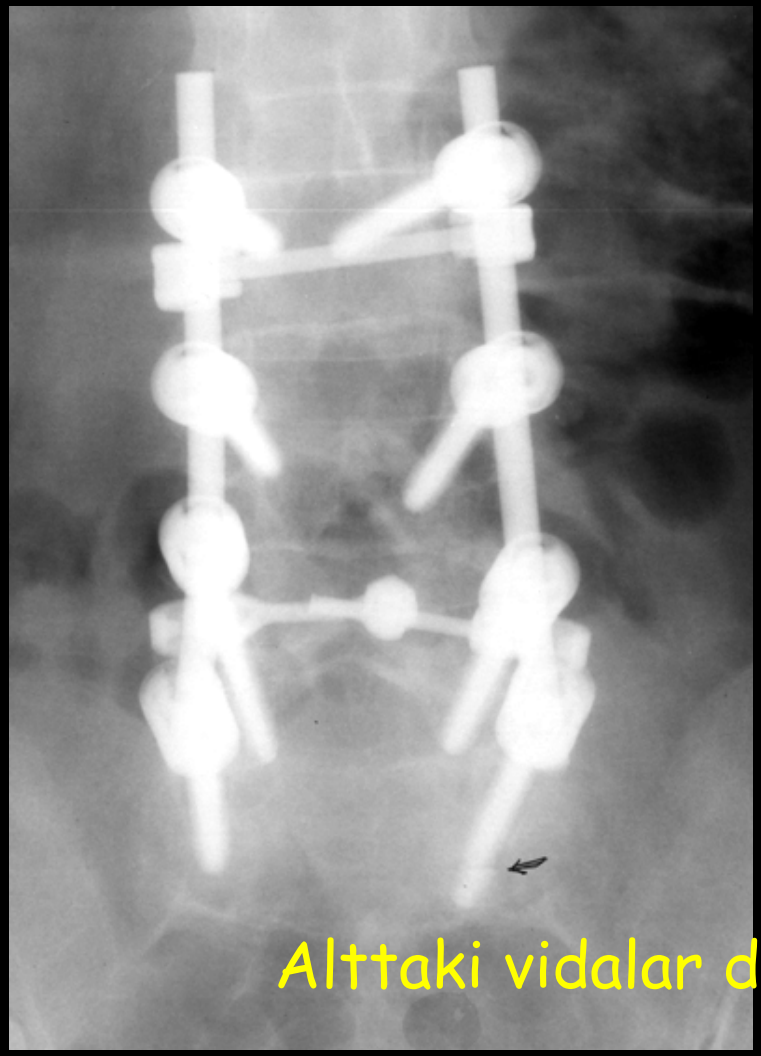
Lumbosakral fiksasyon

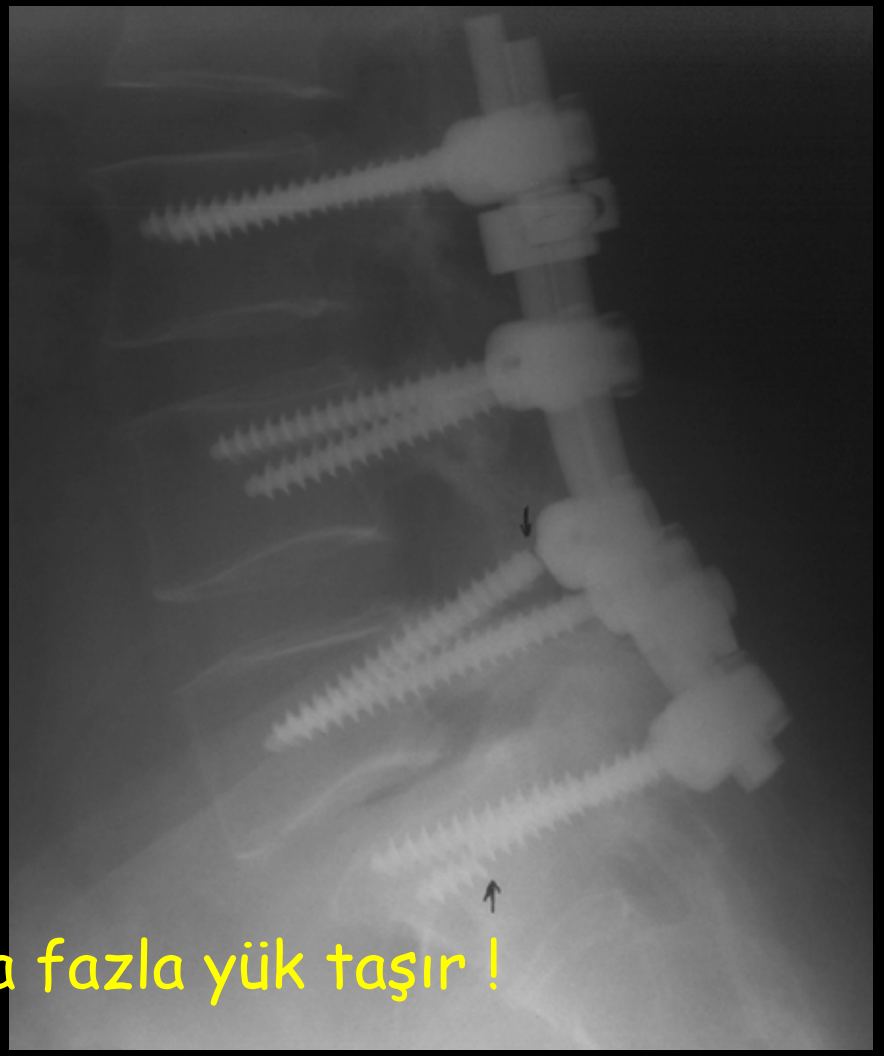




Yetersiz intervertebral füzyon !

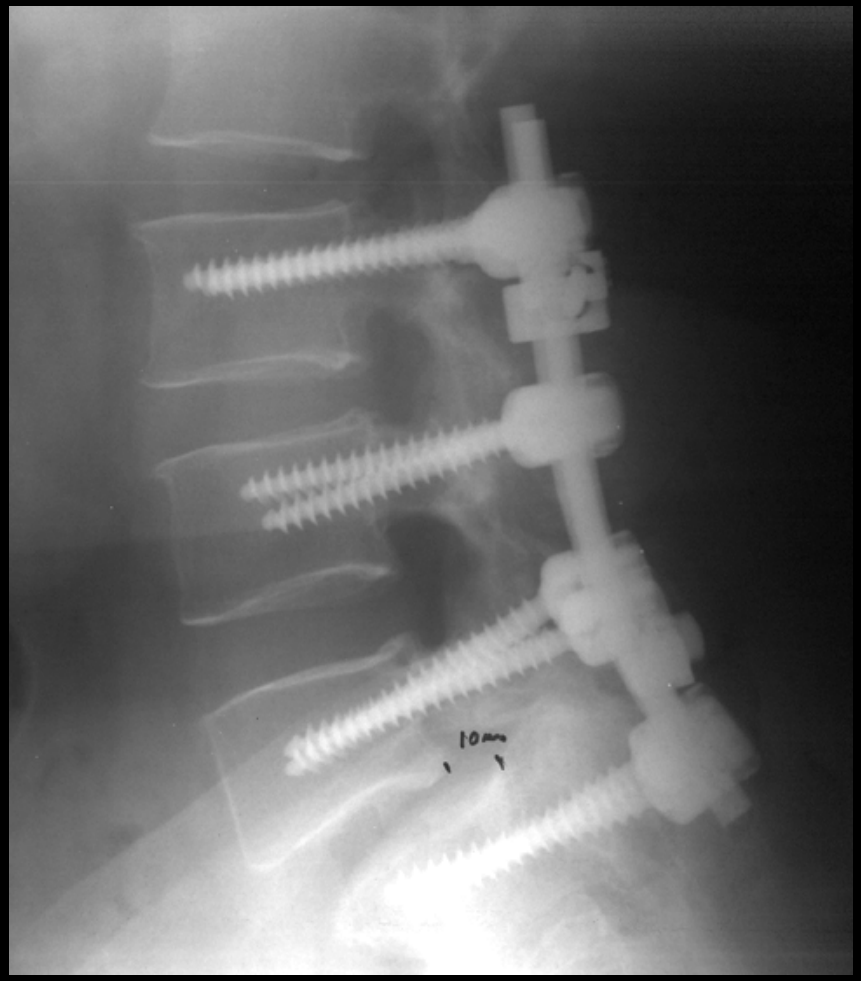
VİDA ÇAPI ÖNEMLİ !



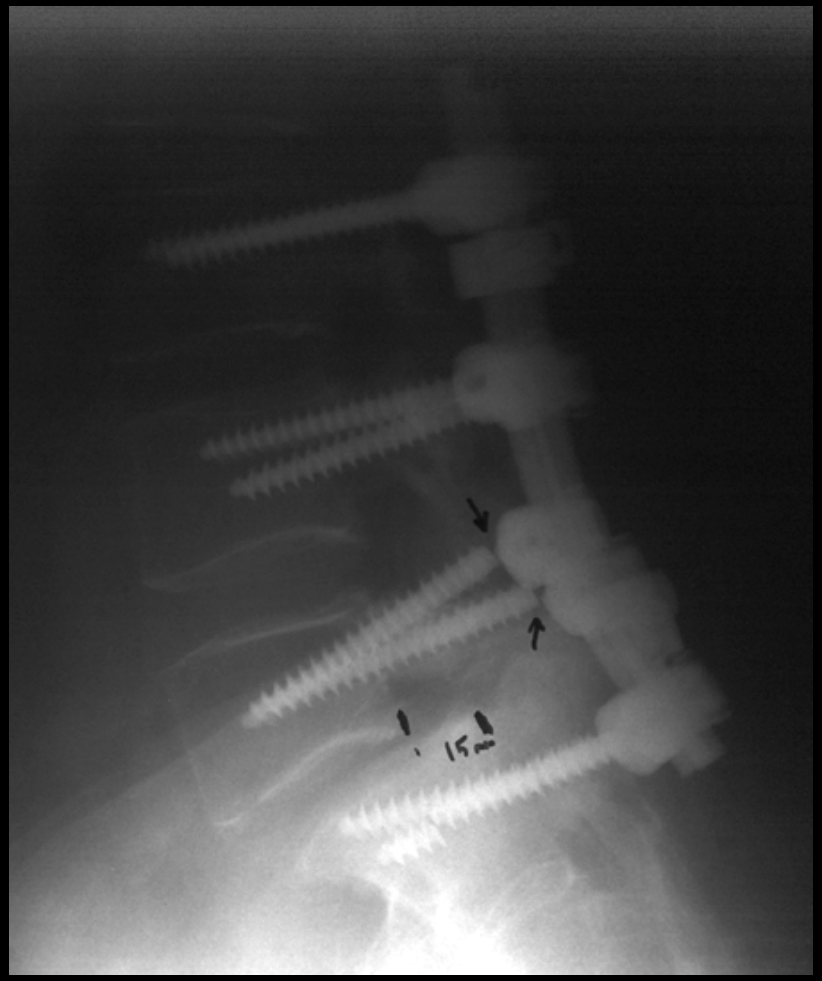


Alttaki vidalar daha fazla yük taşır !

Fiksasyon yetersiz ve listezis artıyor !



Erken postop.

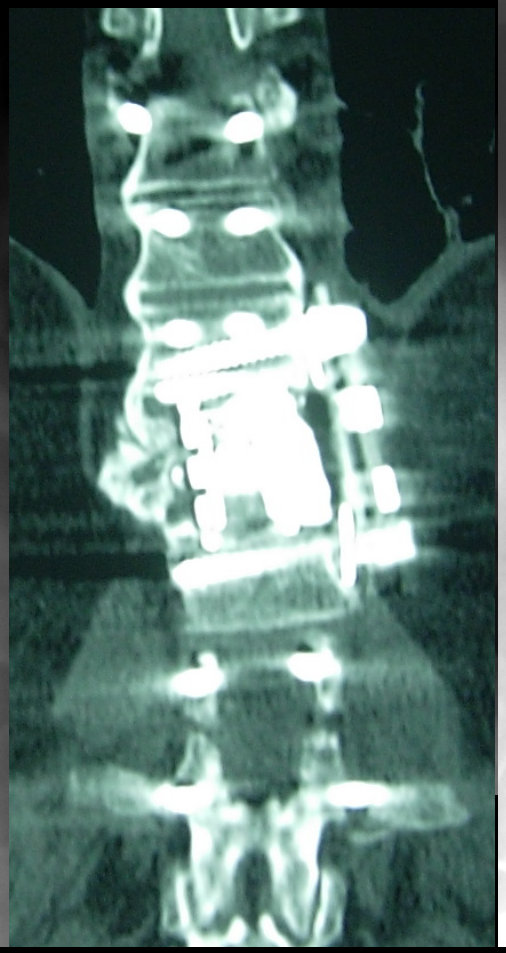


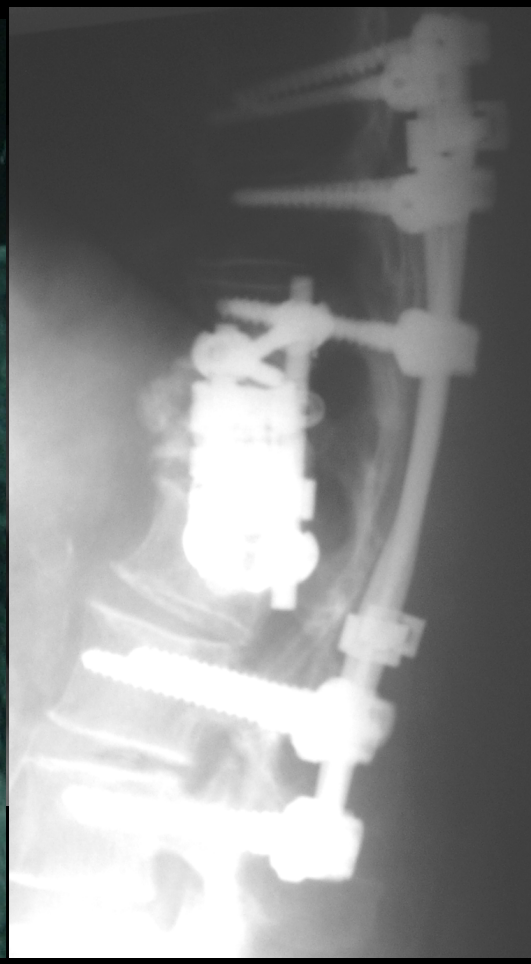
Geç postop.

Anterior kafes çökmesi, osteoporoz !









Vertebra tümörü

Dejeneratif lomber patoloji





Dejeneratif lomber patoloji





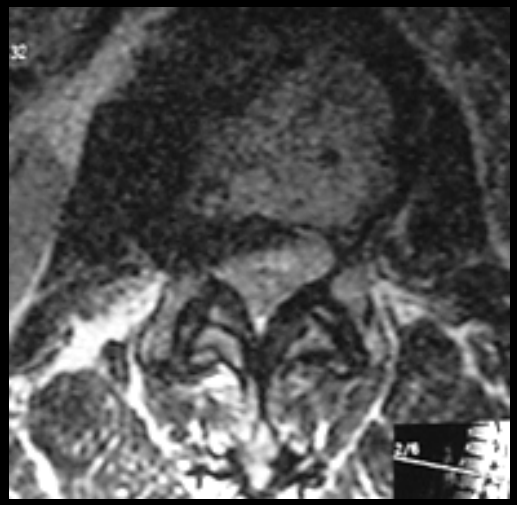


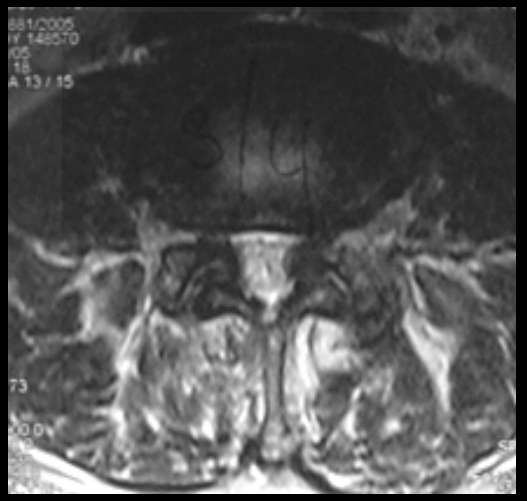
Dejeneratif lomber patoloji

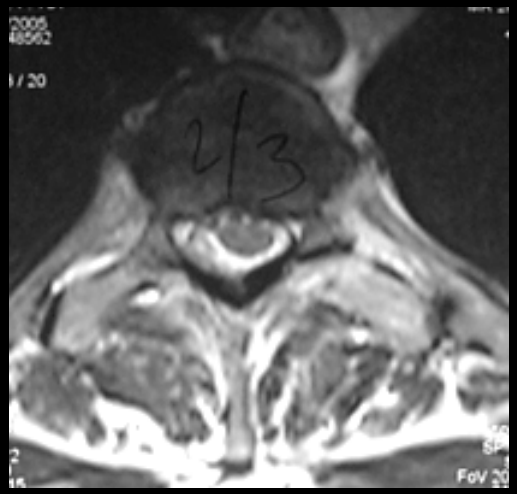


Nasıl Düzeltelim ?





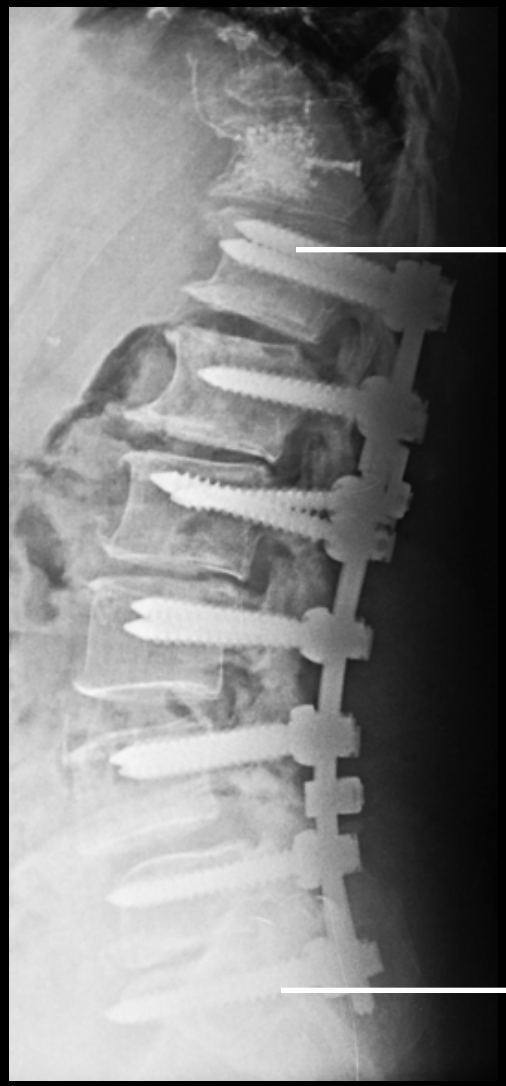




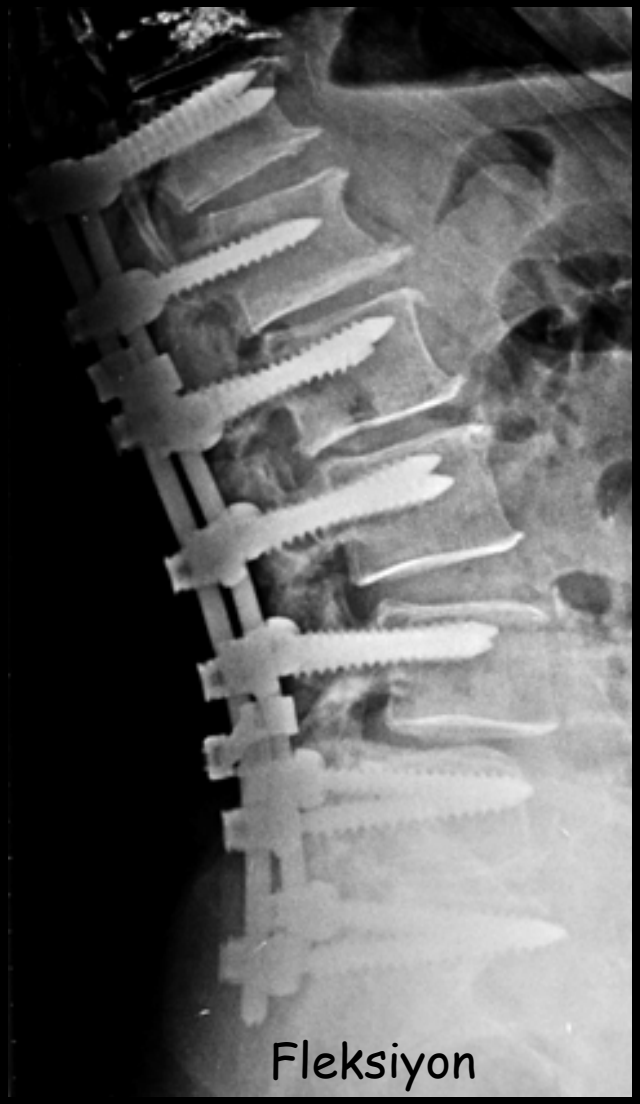


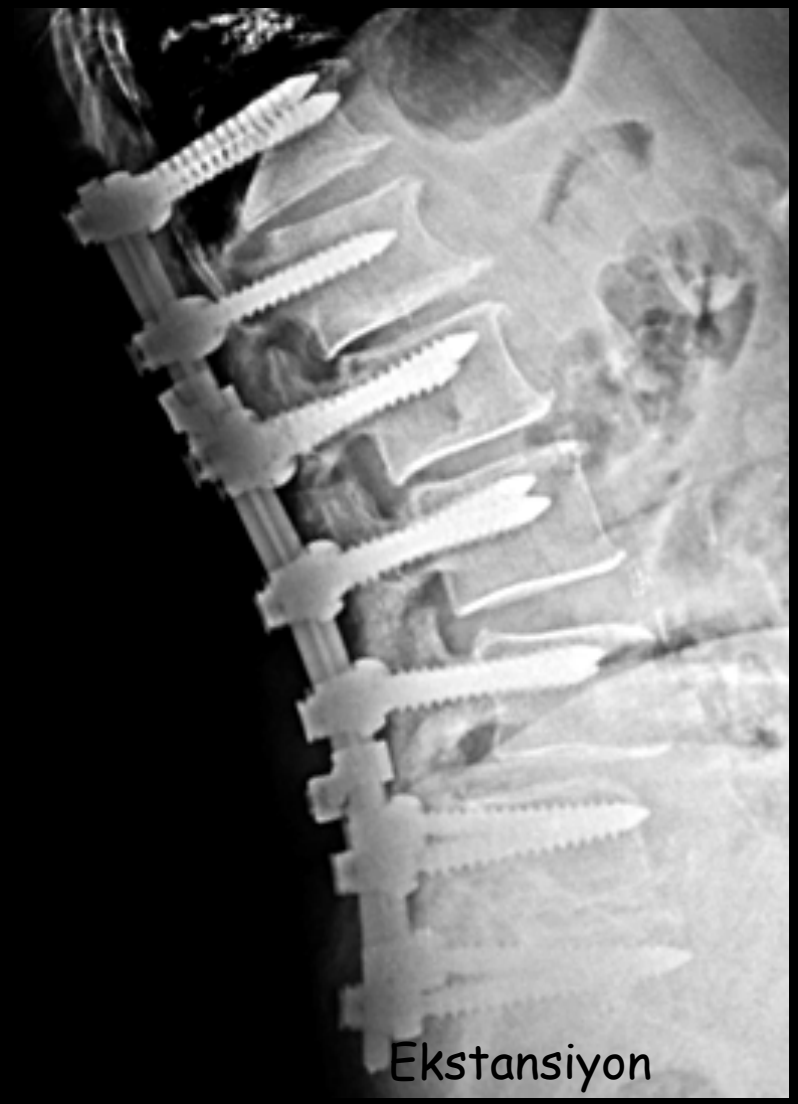
Gereğinden uzun fiksasyon !



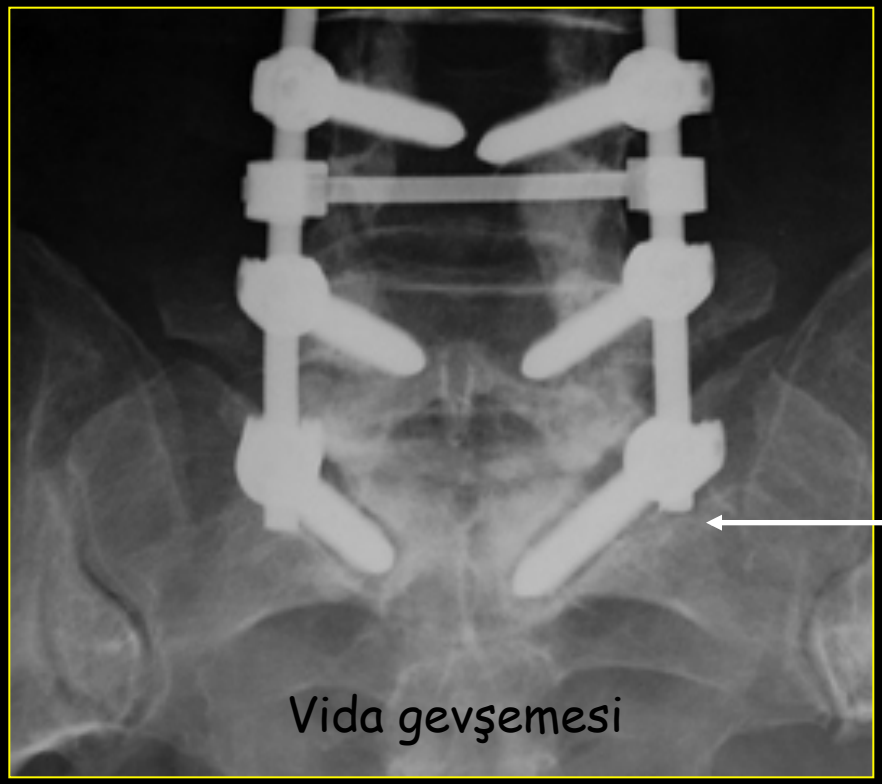


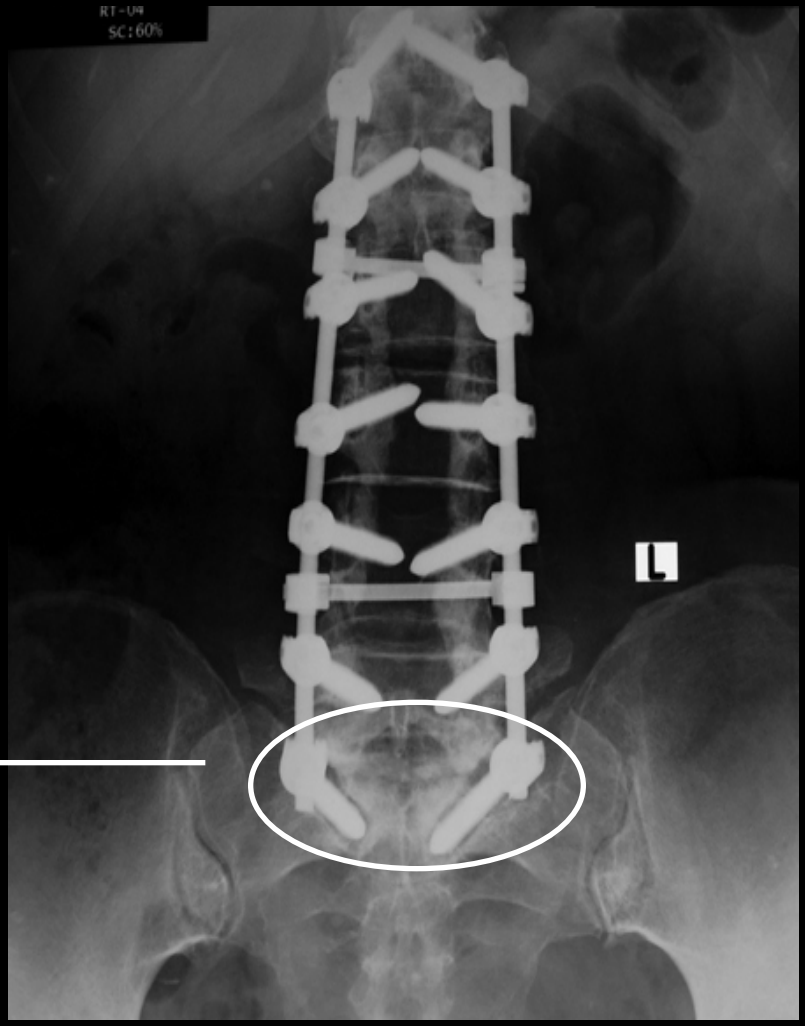
Hareket aralığı kaybı (DÜZ BEL !)



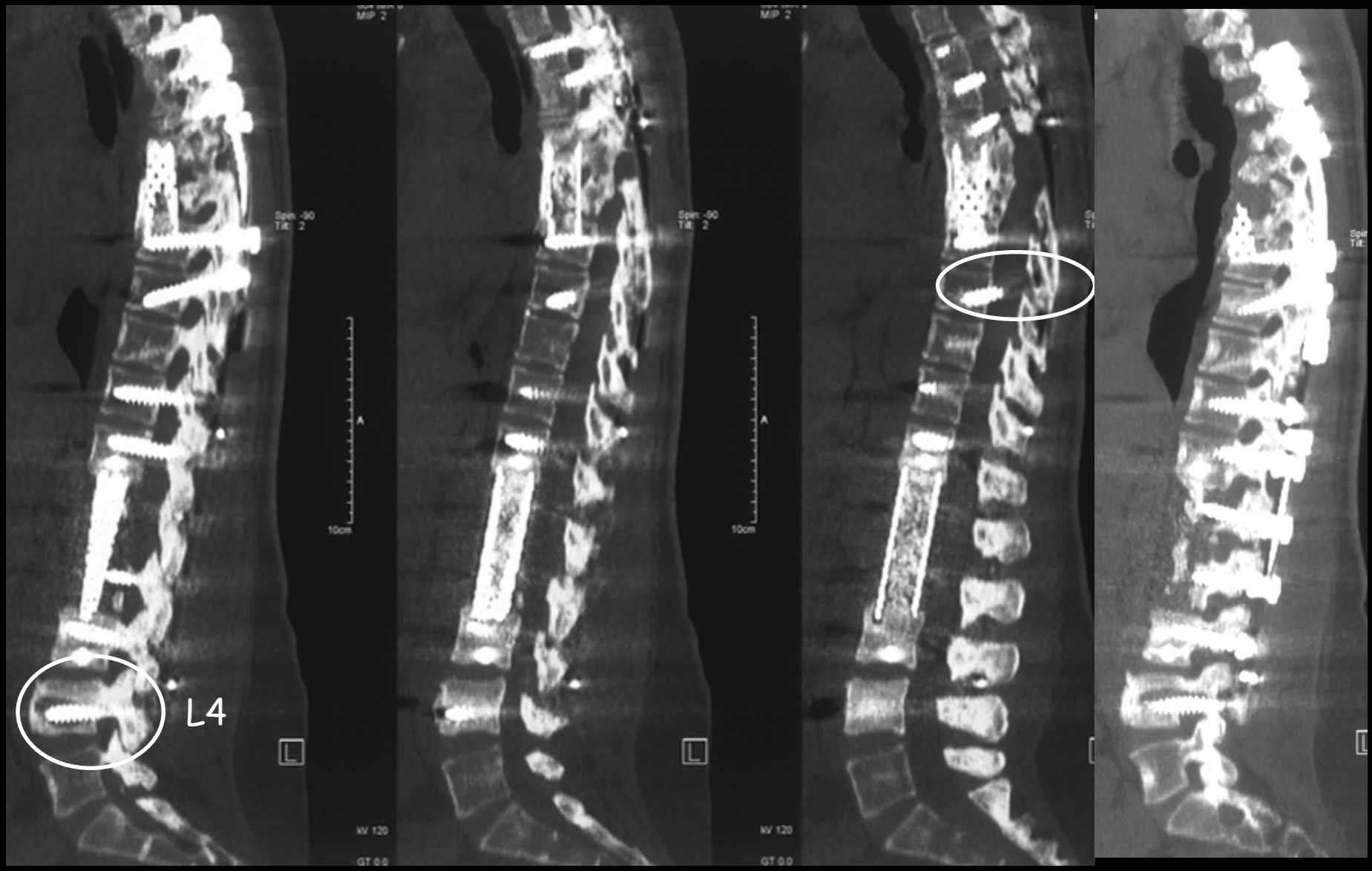


Postop. 6.ay

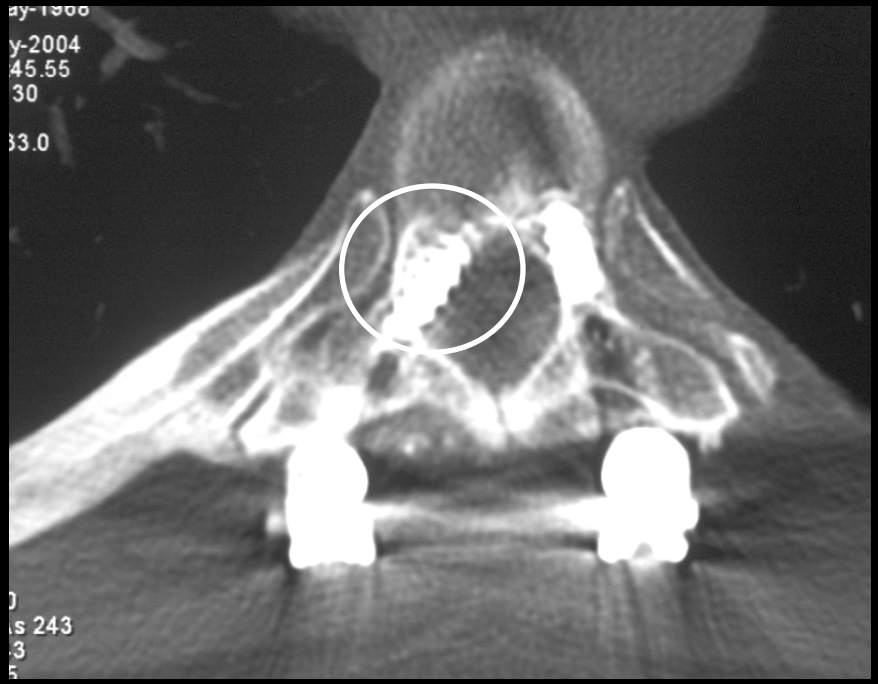


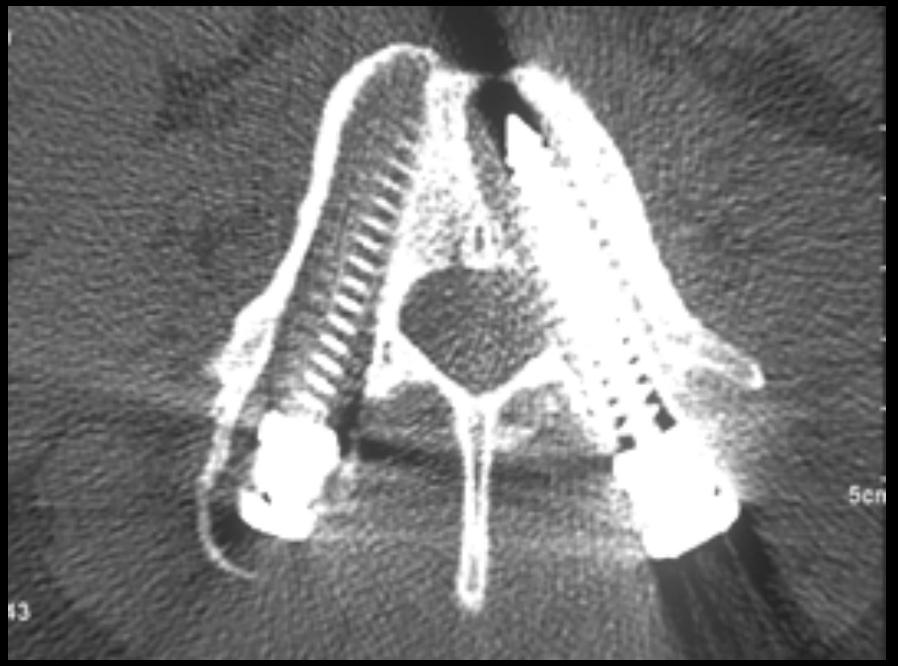


Osteoporotik travmalı hastalar !

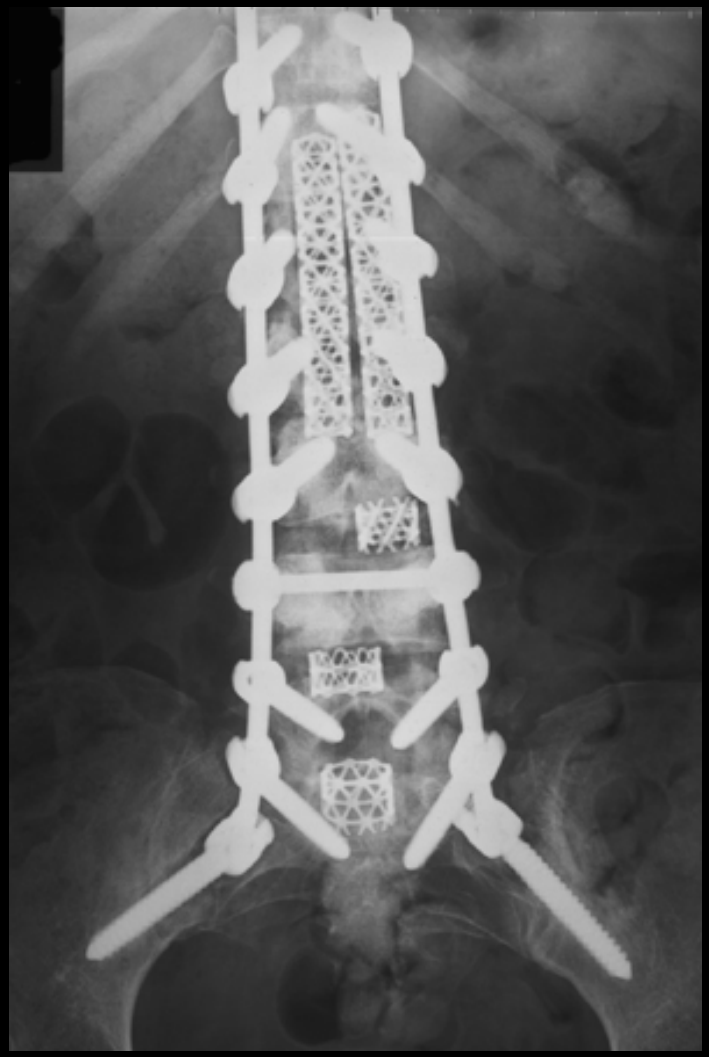


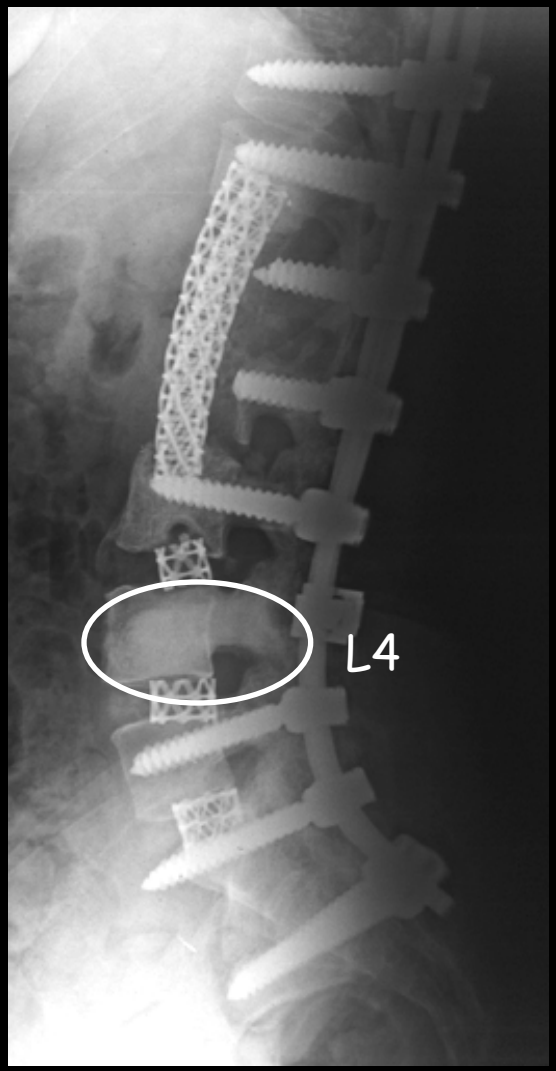
Kanalda vida ve vidanın gevşemesi !

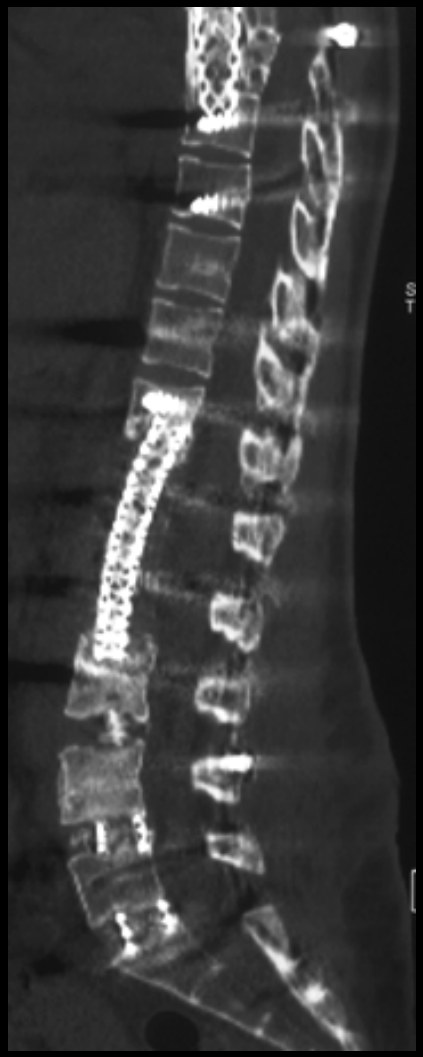


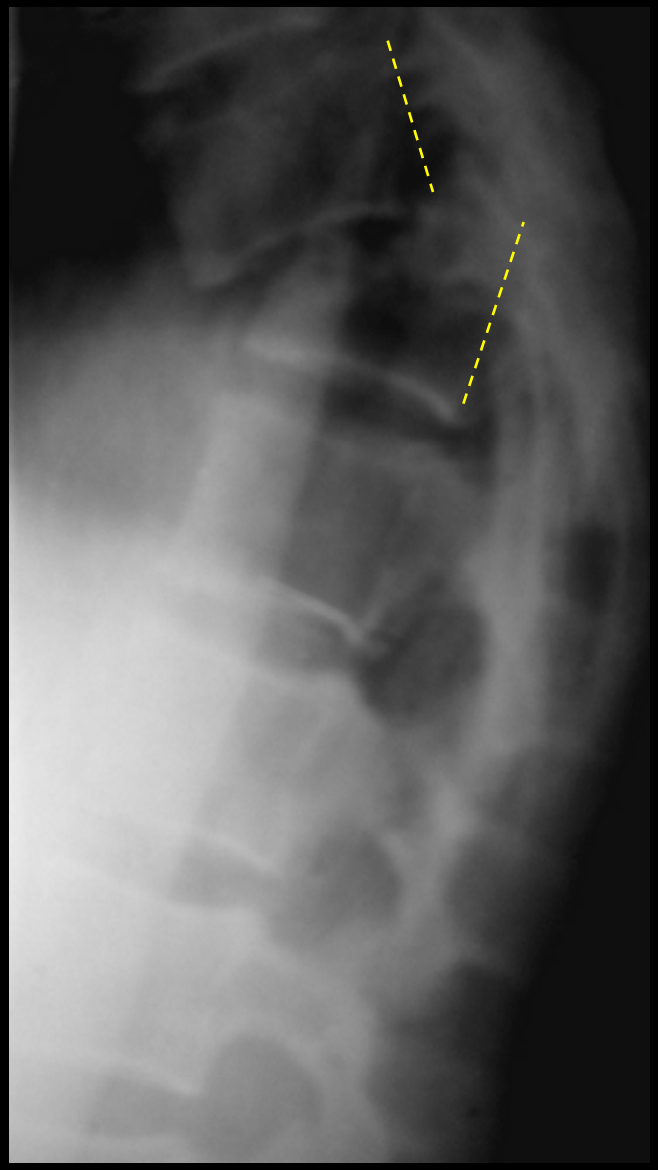


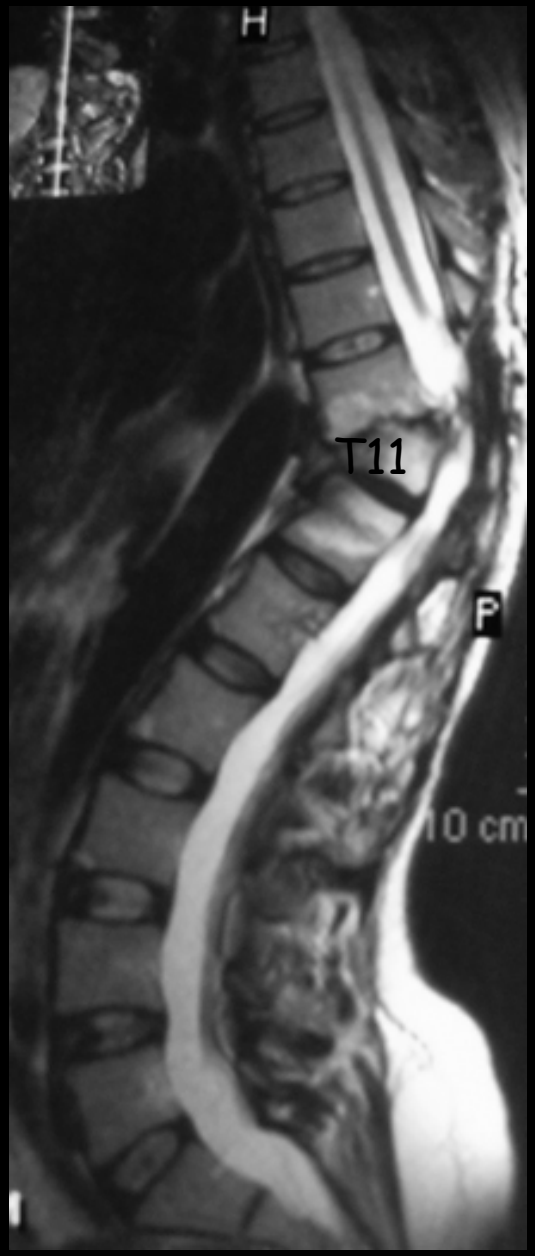
Fiksasyonun uzatılması, yeni fiksasyon noktaları, vertebroplasti





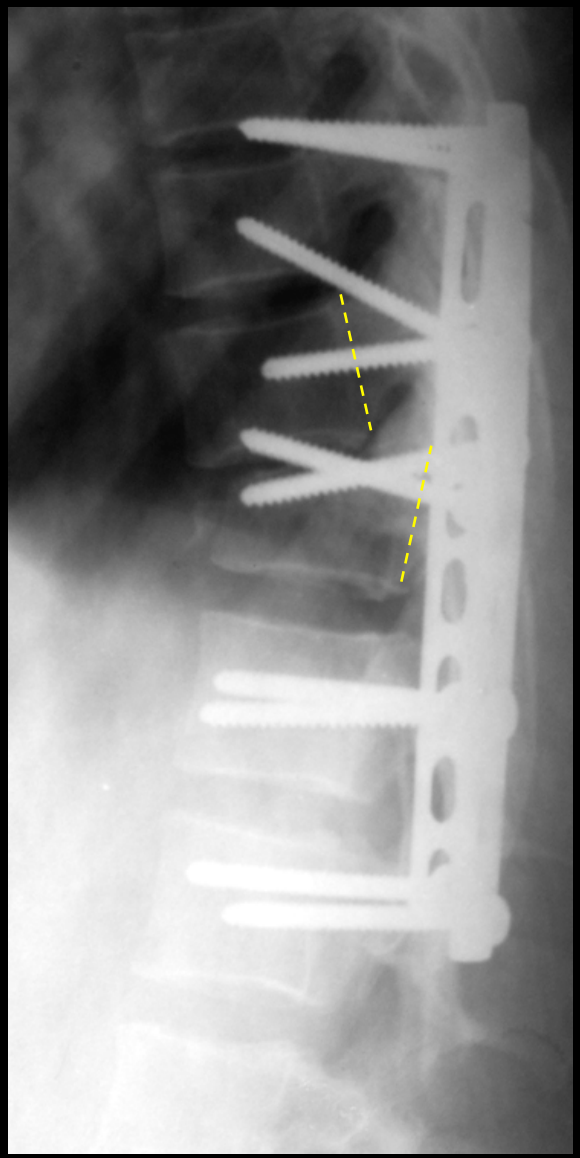


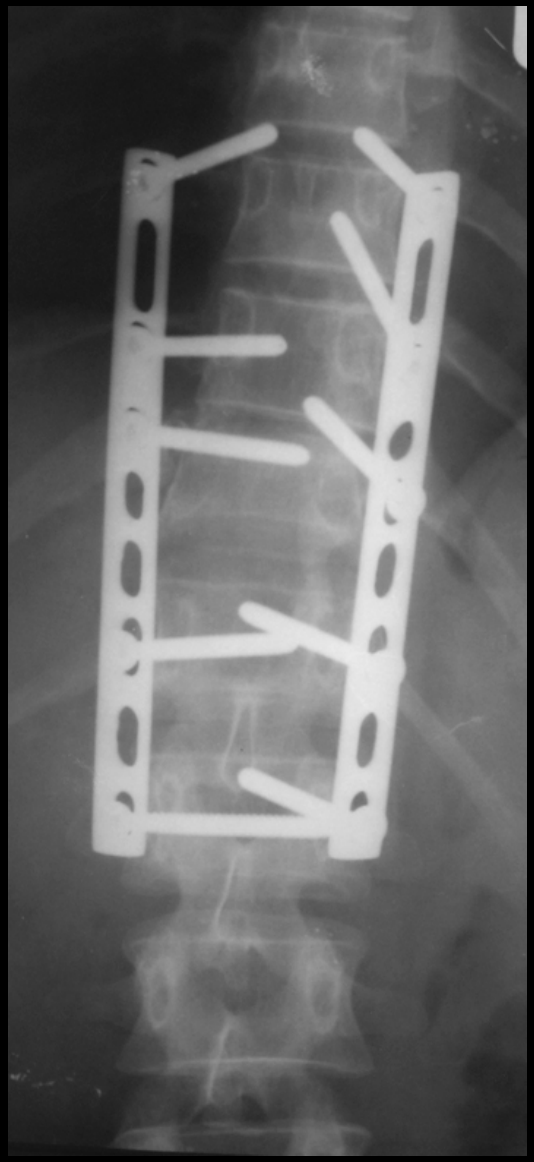



H
T11
P
10 cm

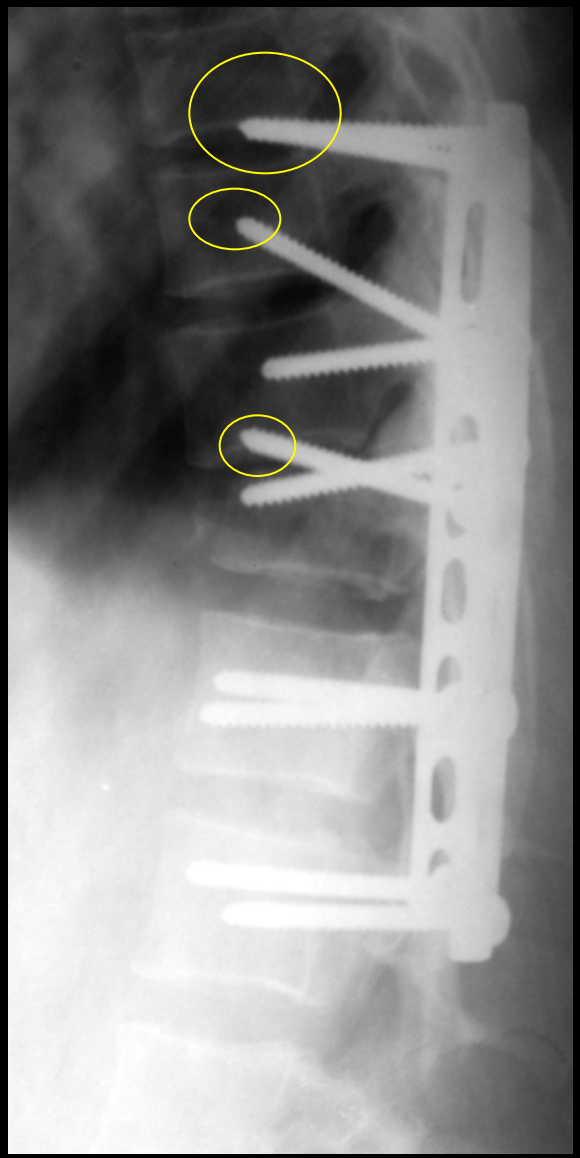
H
P
10 cm
L 6
SE/M

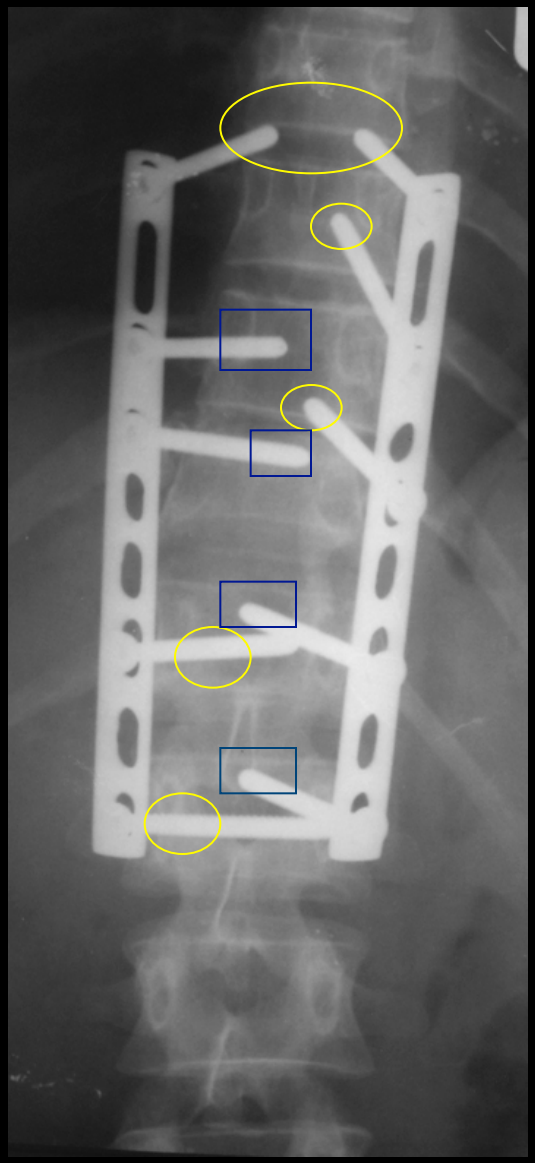
5 mesafeye, 10 vida ile plak fiksasyonu



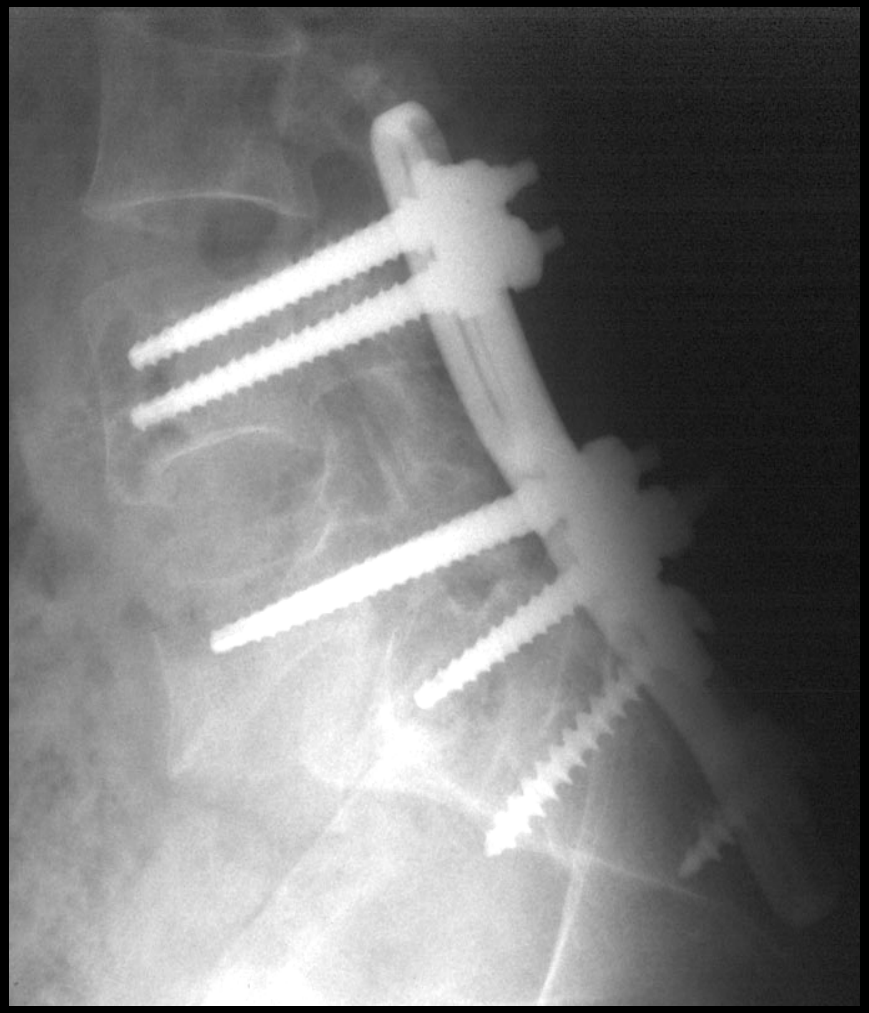


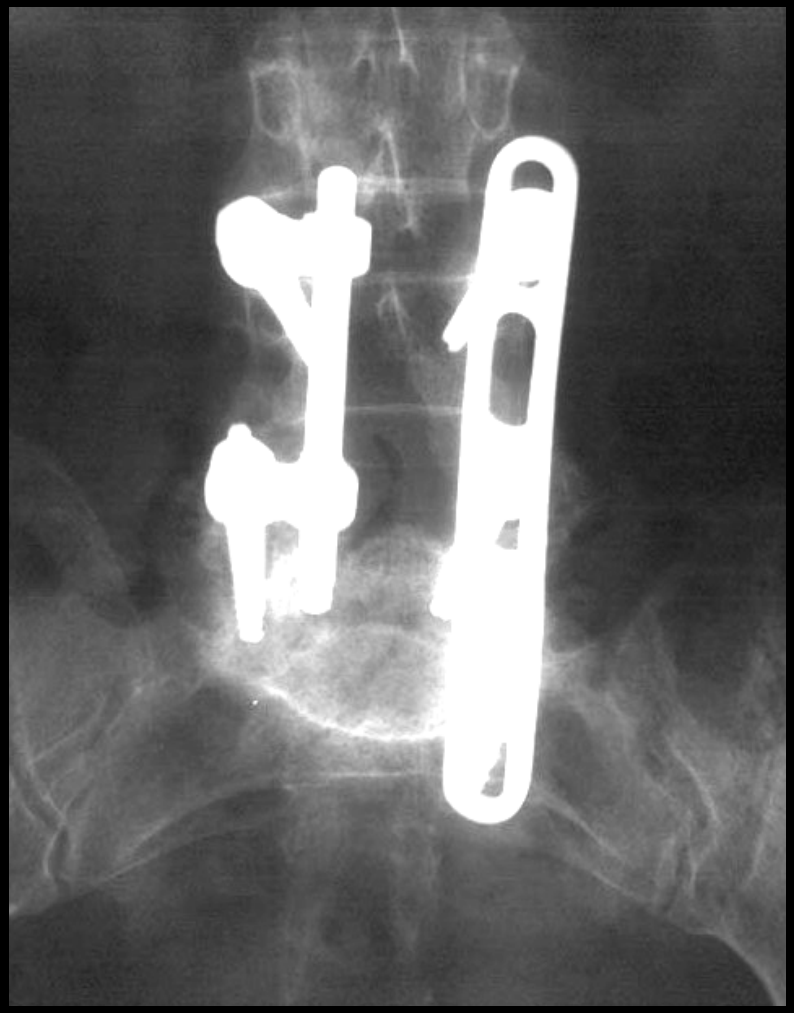
Doğru yerde olan 4 vida





İmkansızlık fiksasyonu ?





Kişisel görüşüm

KOMPLİKASYONSUZ CERRAH AMELİYAT YAPMIYOR DEMEKTİR.

ÖNEMLİ OLAN KOMPLİKASYONLARIMIZI BİLMEK VE ERKEN MÜDAHALE ETMEKTİR.



Teşekkür ederim