

# **Hryggsjúkdómar og spengingar**



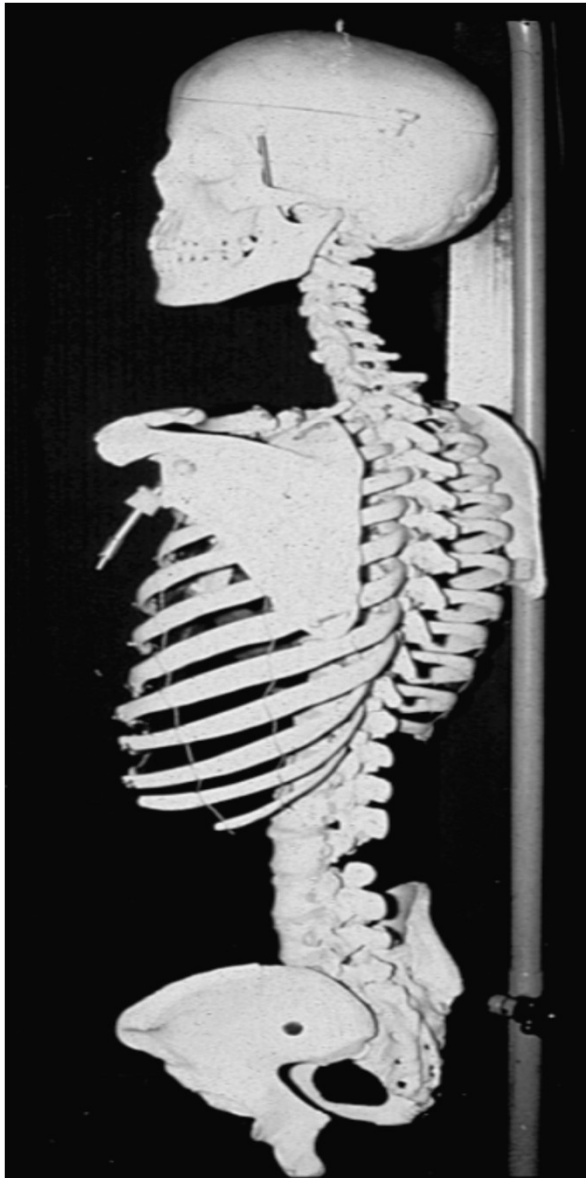
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**Fossvogi - Reykjavík**

# Hryggsjúkdómar



SLITGIGT (frum- og post-trauma):  
(discopathia, arthropathia, olisthesis)

- efri háls hryggur: seq Jeff- og dens fx
- neðri háls hryggur: C5-6-7
- brjósthryggur: í hryggskekkju
- lendhryggur: L4-5-S1

SÝKINGAR:

(discitis/ osteomyelitis)

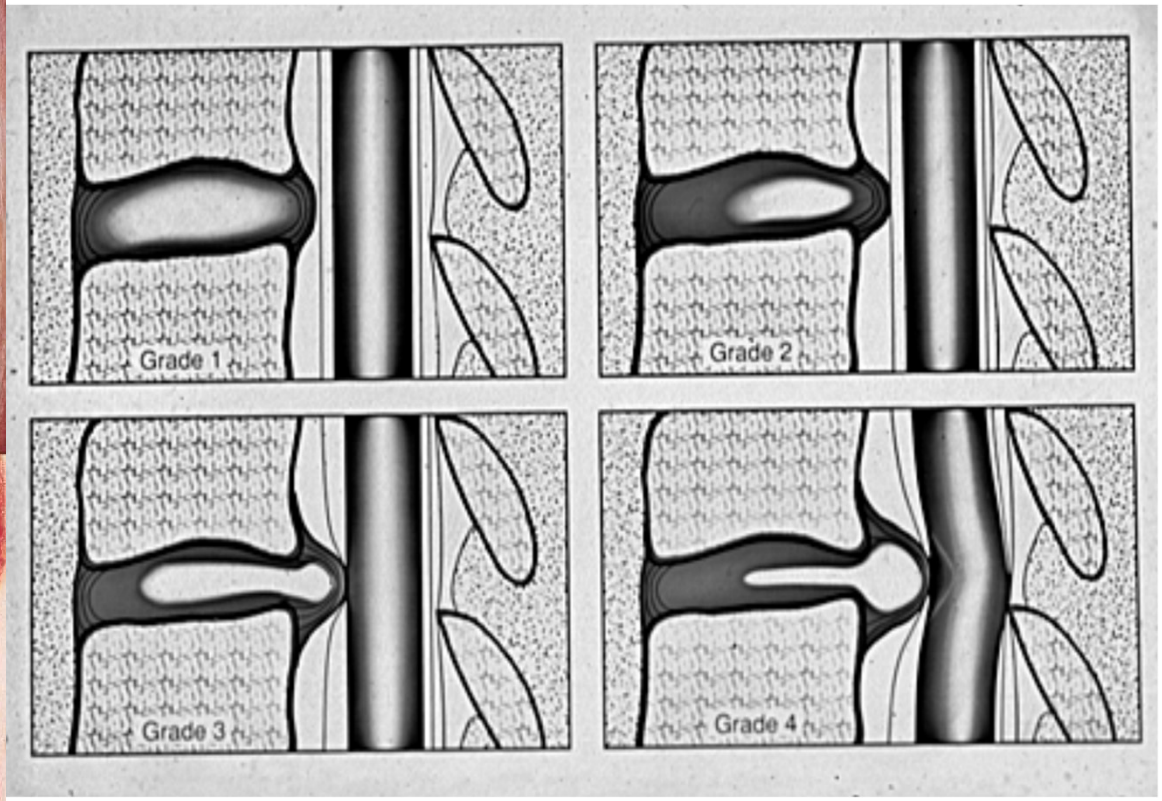
- hvar sem er .....

MEINVÖRP - BEINÞYNNING:

(lytisk meinvörp; patologisk brot)

- hvar sem er .....

# SLITGIGT – discopathy (háls hryggur)





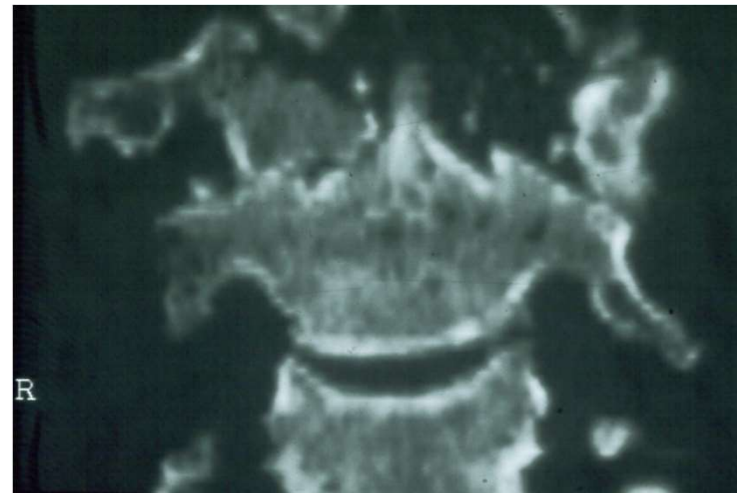
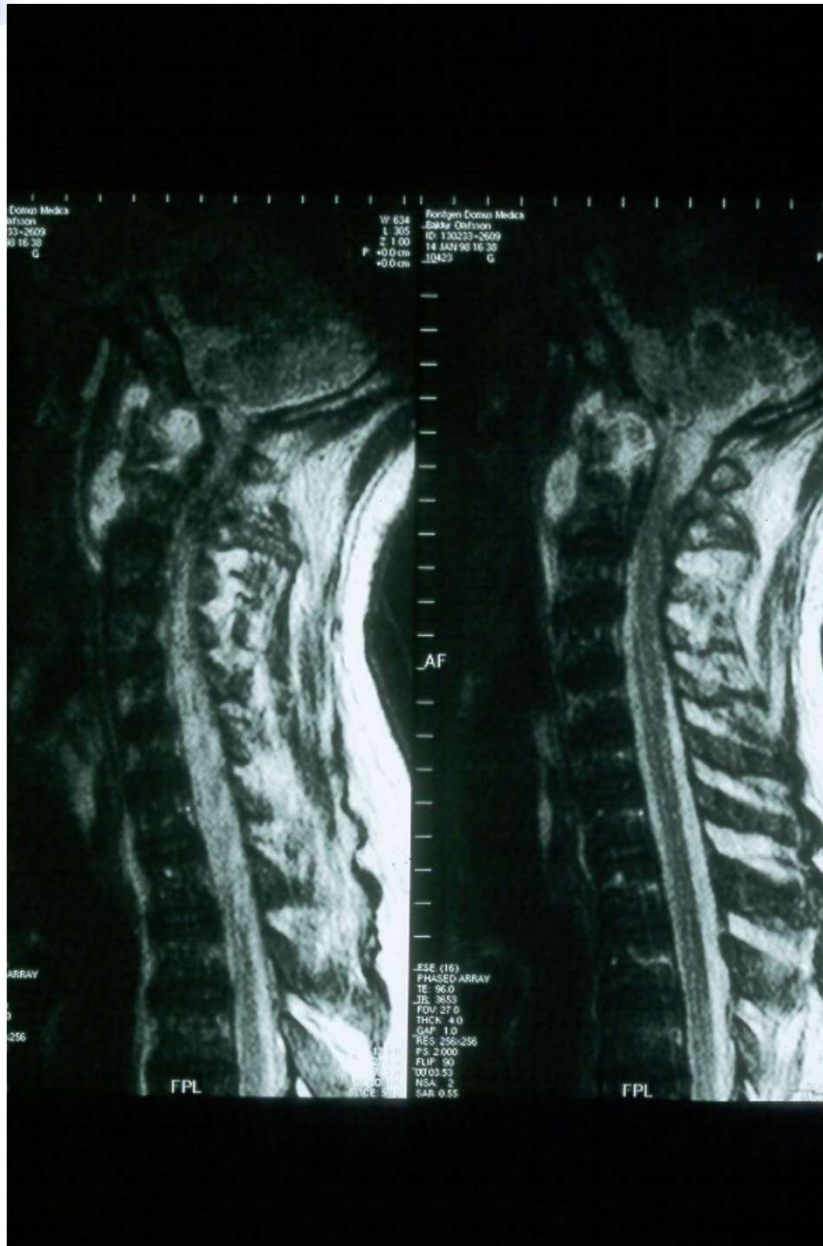
# SLITGIGT–discopathy–“entrapment” (lendhryggur)



## SLITGIGT hálshryggur – arthropathy



# SÝKINGAR hálsþrygg: hér A-A liðurinn

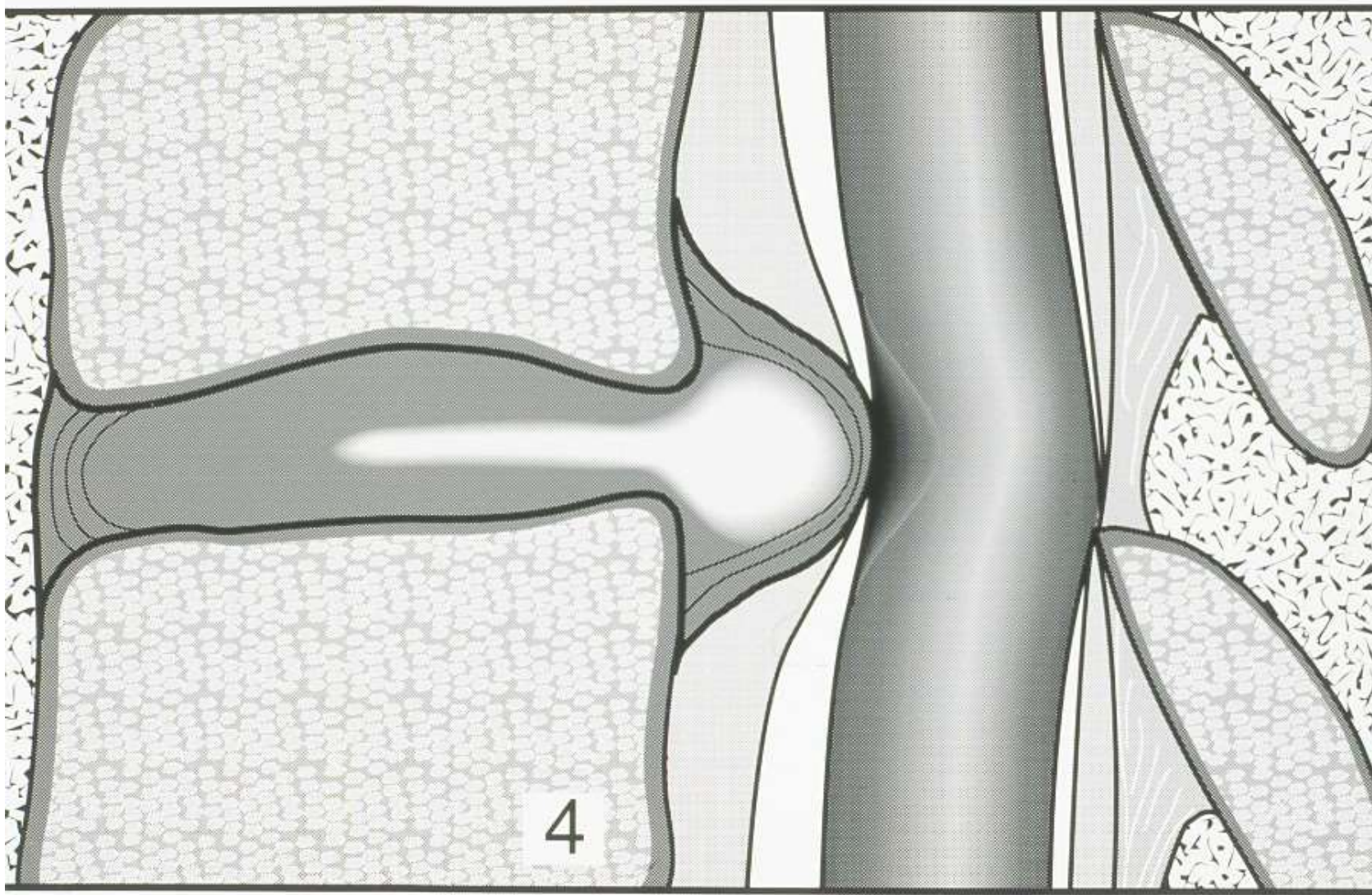




**ÆXLI hálsþrygg: hér patologísk brot í dens v/ meinvarps Ca mammae**

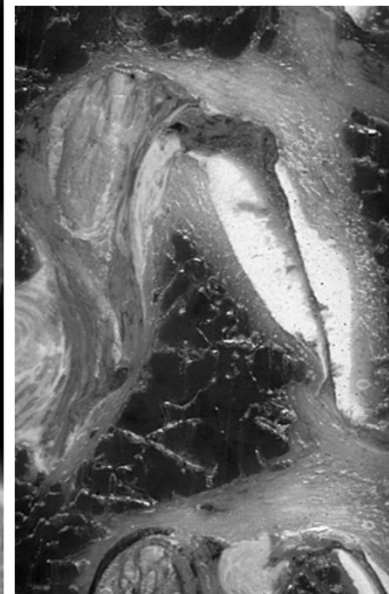
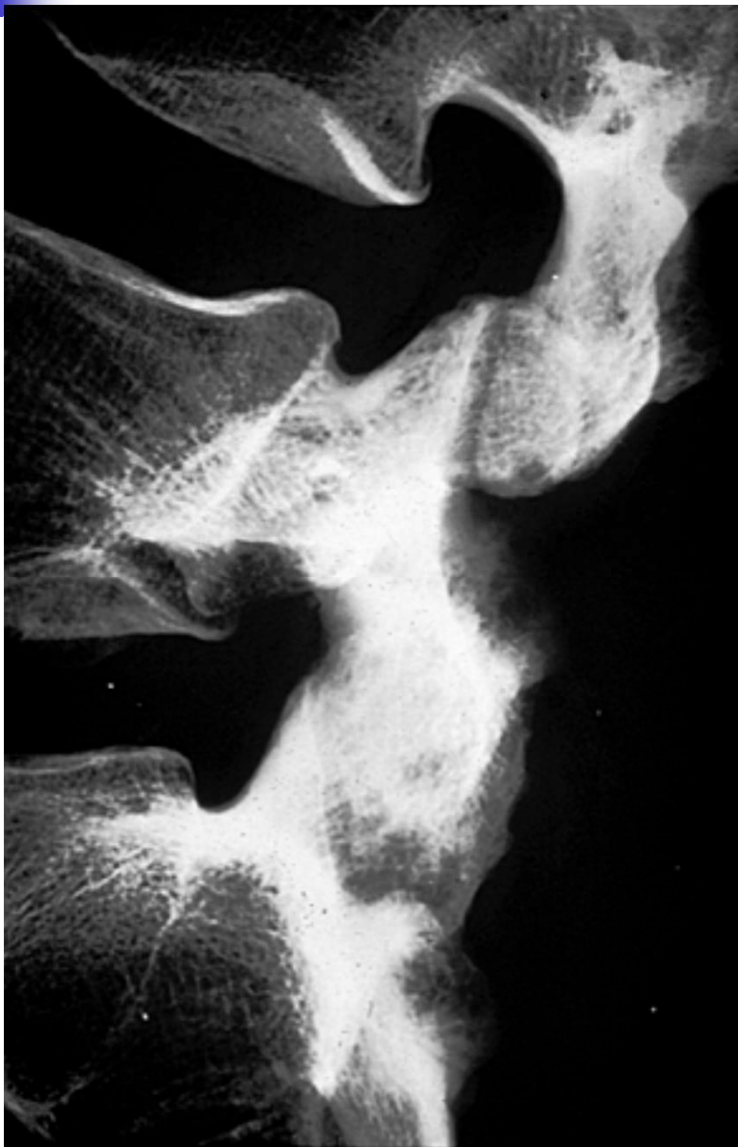


**SLITGIGT lendhryggur; – discopathy eða “bulging disc”**

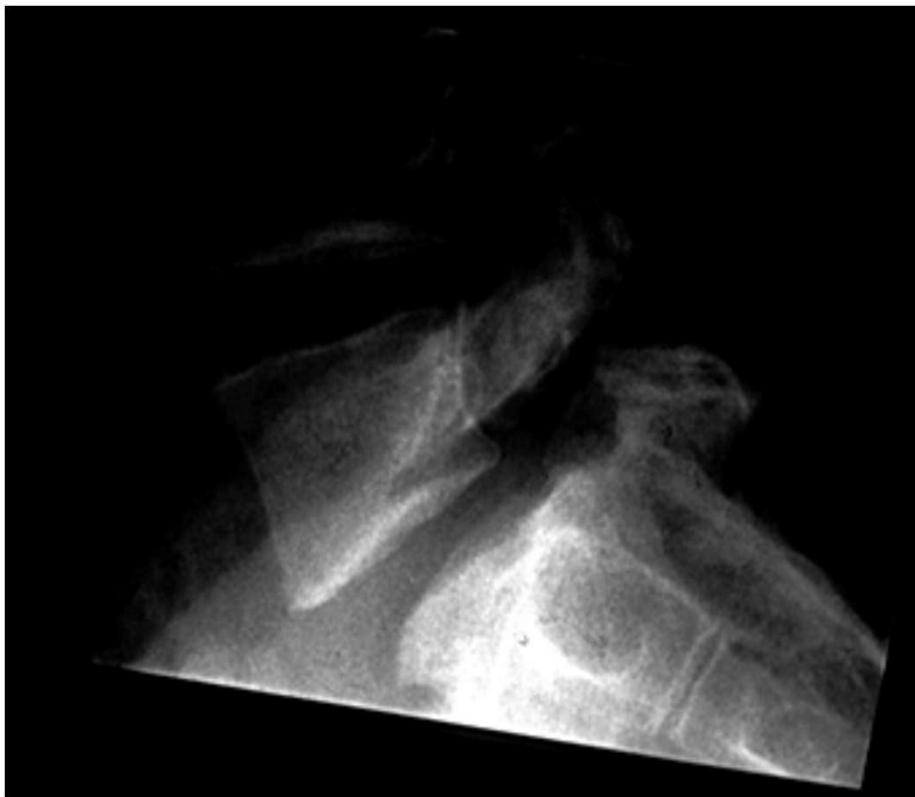




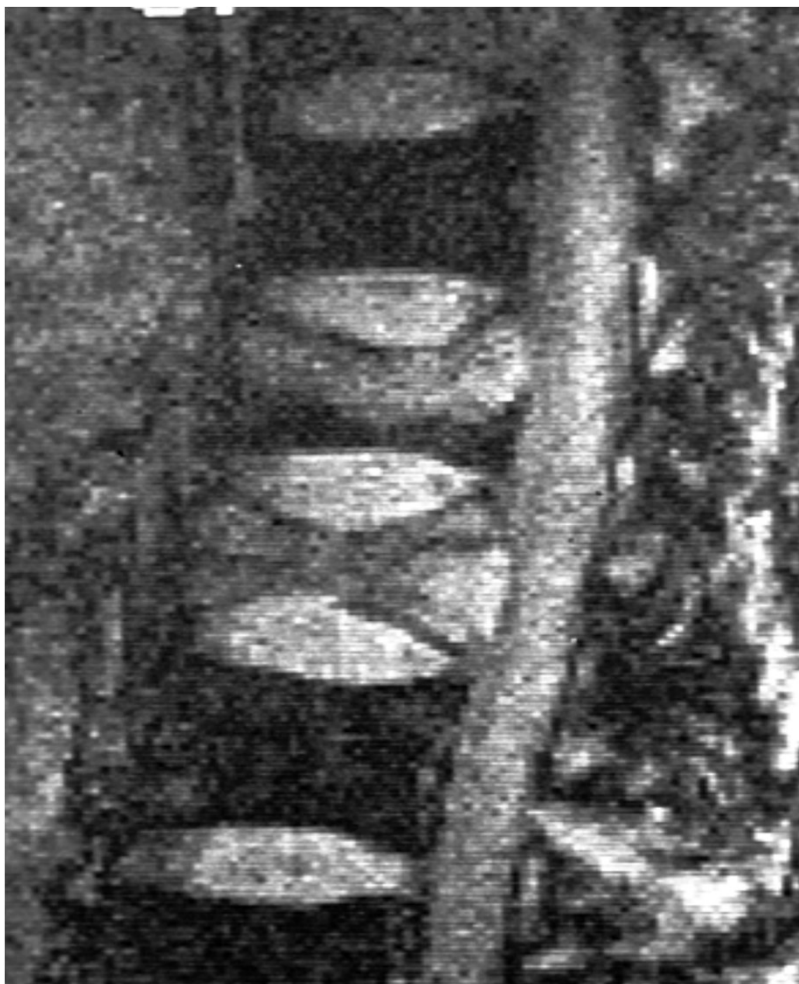
**SLITGIGT lendhryggur; –arthropathy með “entrapment”**



**AFLEIÐINGAR SLITGIGTAR lendhrygg: lysis- vs. deg- olisthesis**

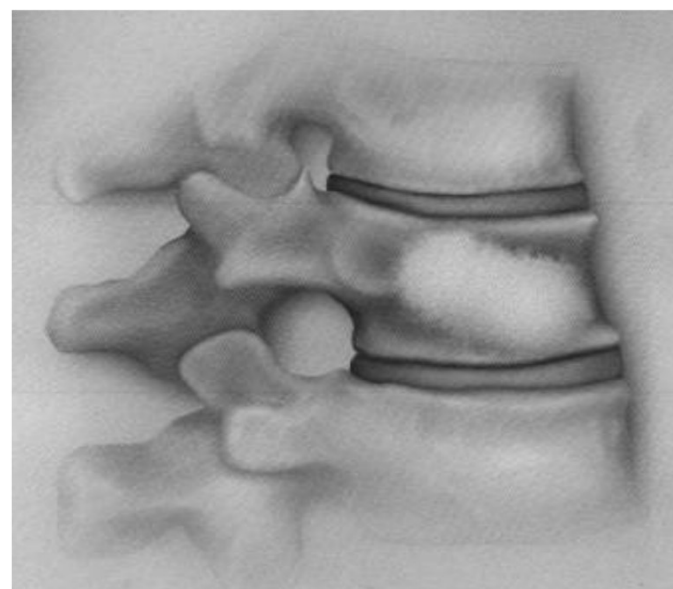
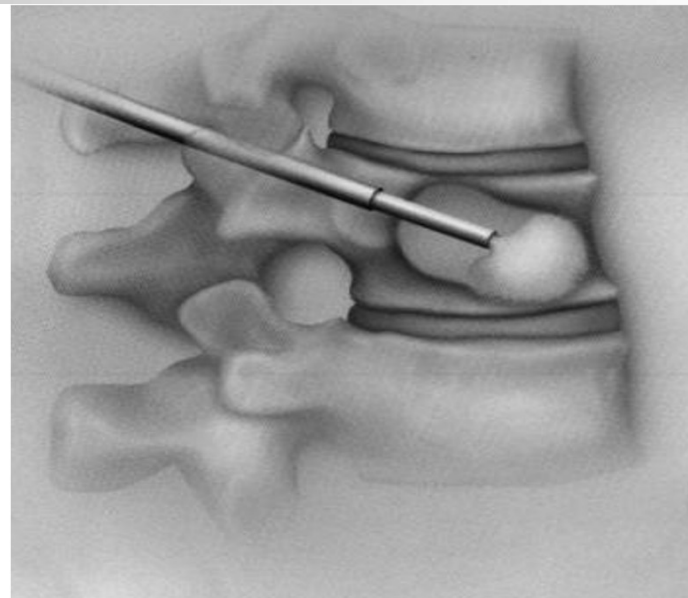
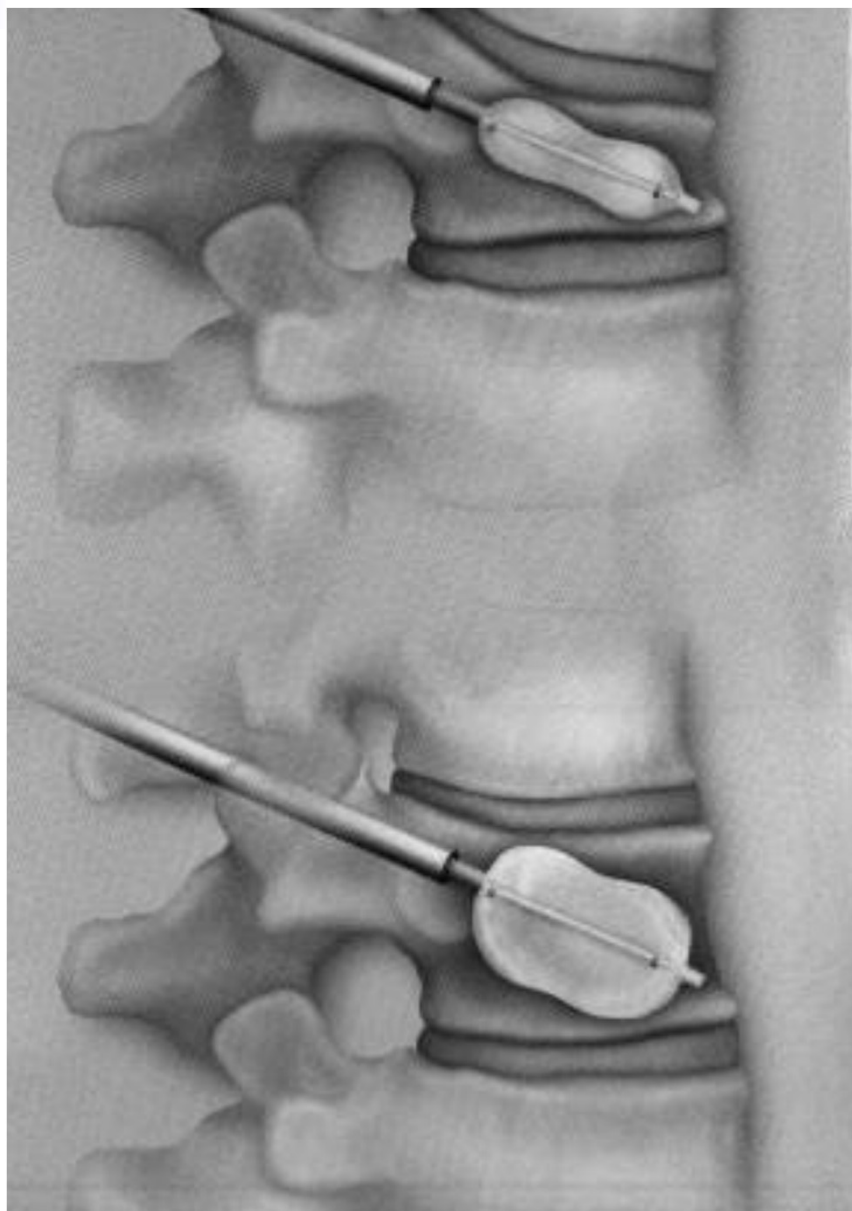


**ÆXLI: meinvörp í lendhrygg: samfall Th12 og L1 vs. aftari innvöxt**

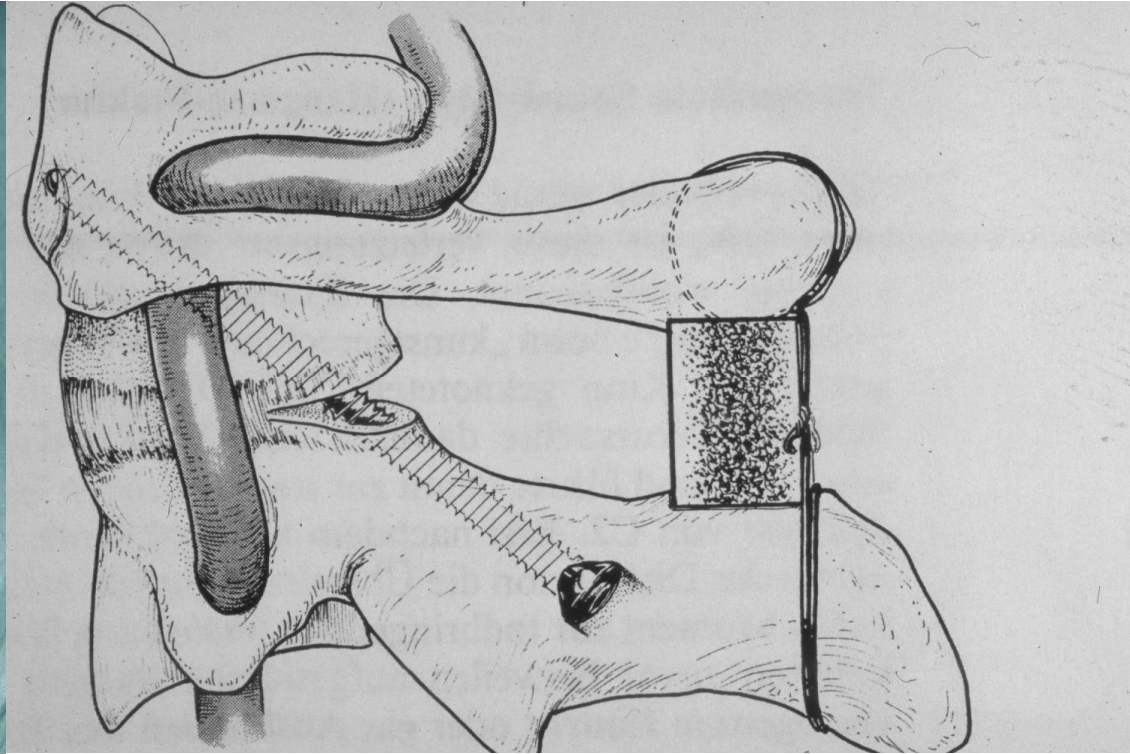
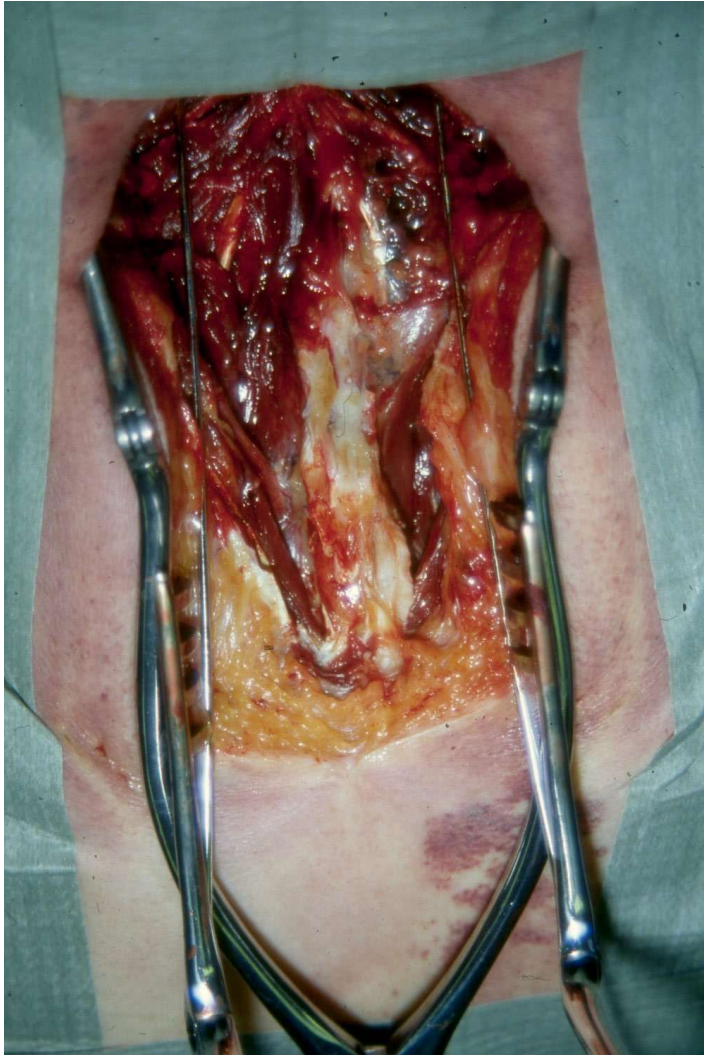




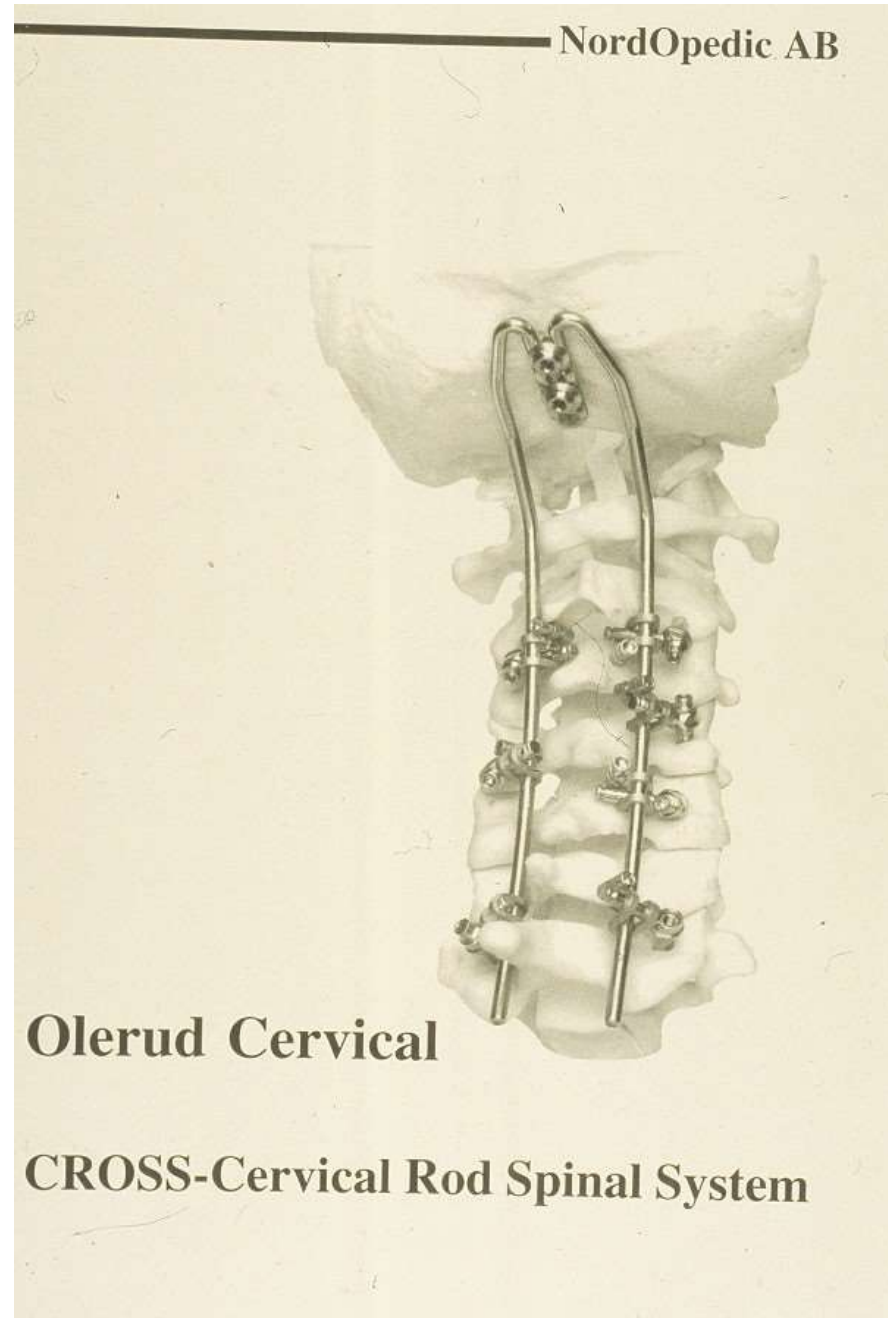
# BEINÞYNNINGARBROT (t.d. RA): ath samfall Th12-L1



HRÝGGSPENNING: Efrí háls hryggur; AA Gallie  
spenging og einnig skrúfur (Magerl)

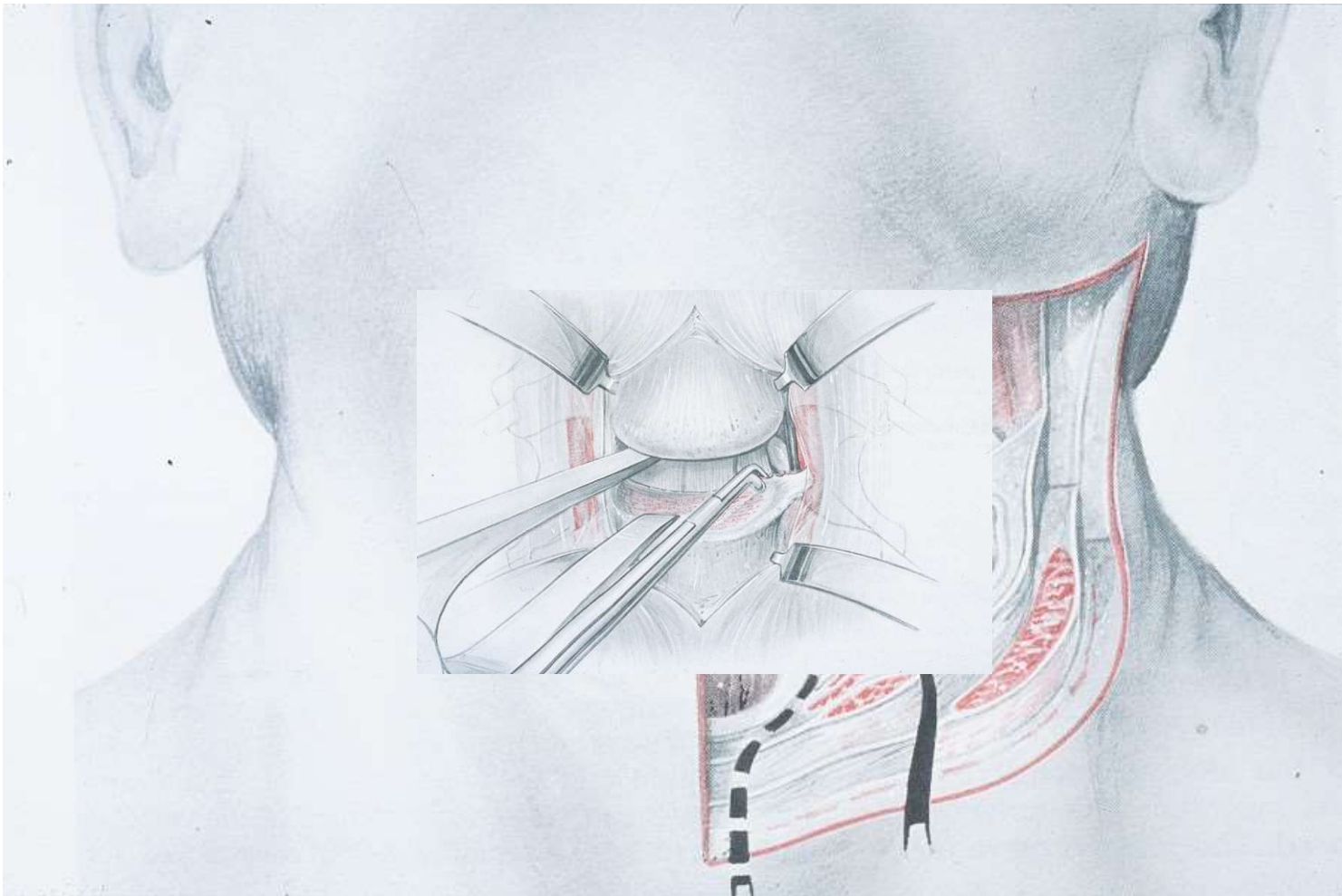


# HRYGGSPENNING: Höfuðkúpa og efri hálshryggur (OC) fest að aftan með teinum við neðri hálshrygg



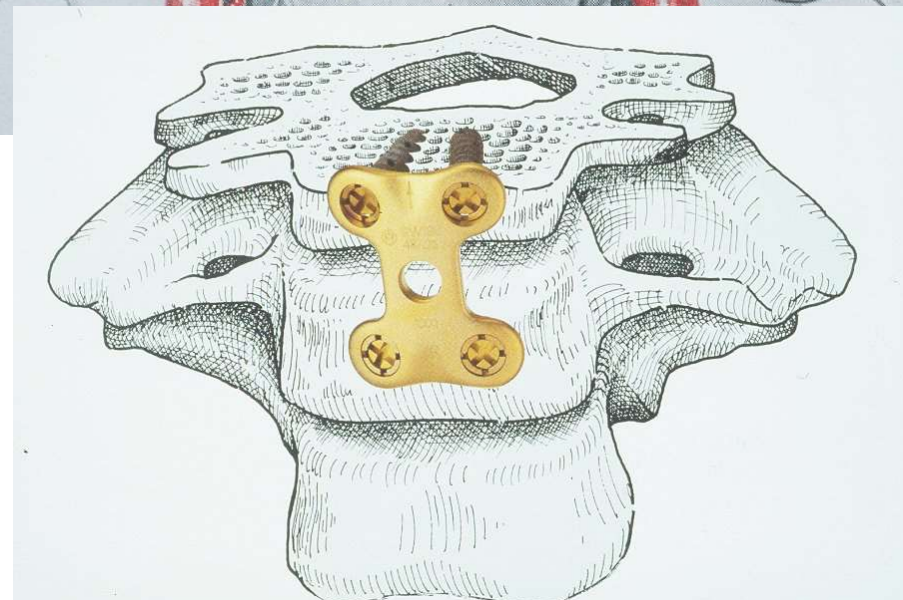
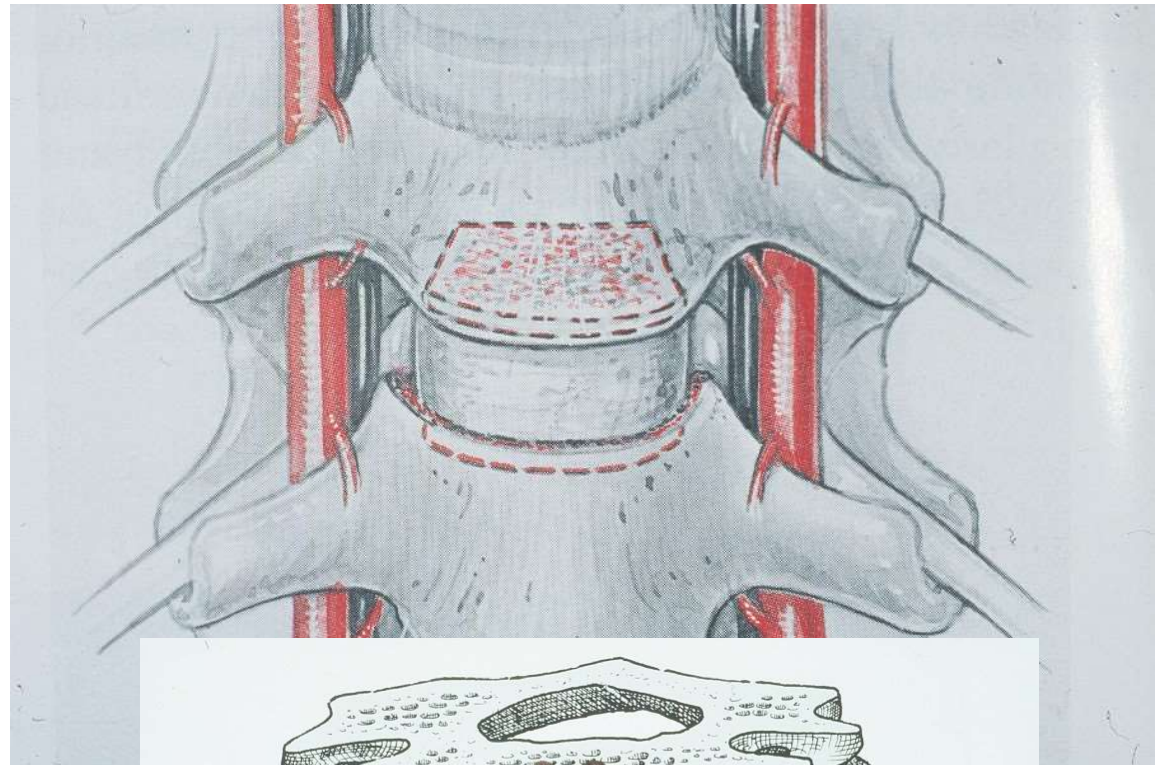
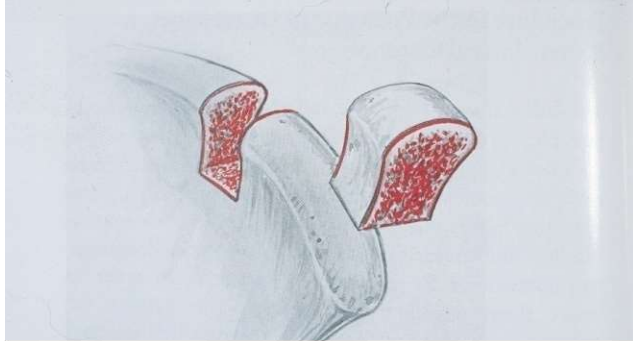


HRYGGSPENNING: Fremri aðgerð á neðri háls hrygg – búið að fjarlægja hryggþófann C5-C6 og verið að fjarlægja beingadd



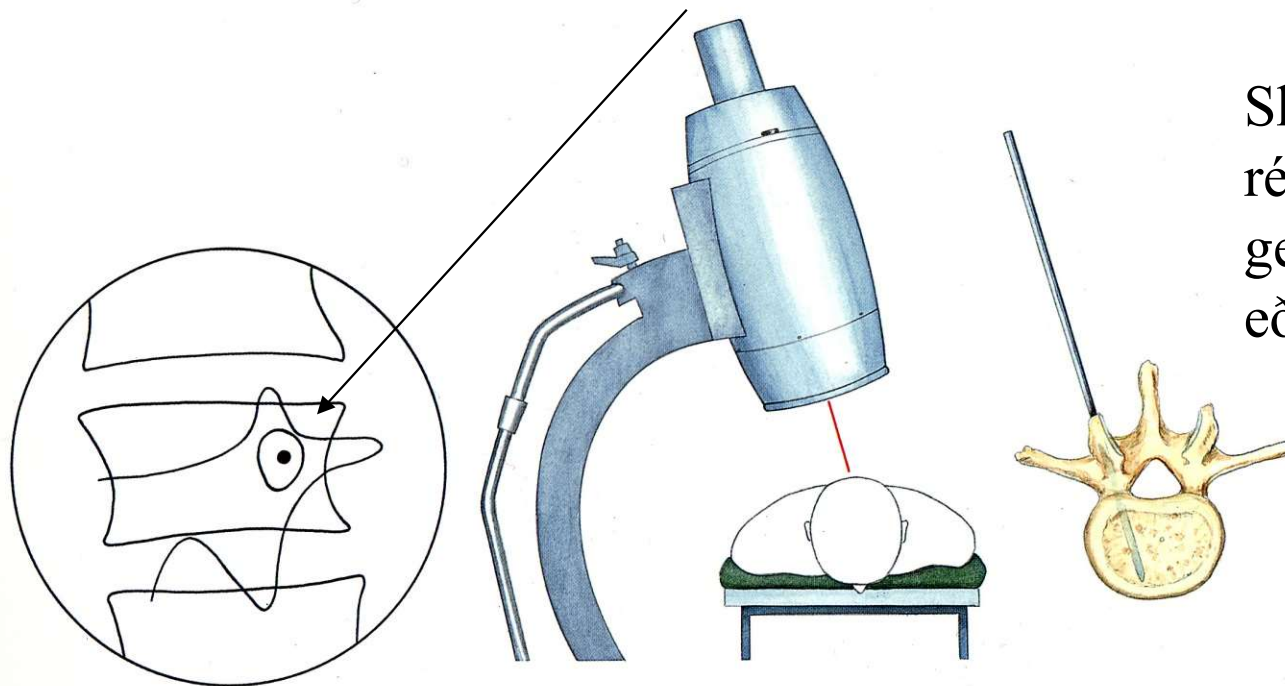
# HRYGGSPENNING: Fremri aðgerð á neðri háls hrygg

Beinkubbur frá mjaðmakambi eða NeoCif í liðbil fest með plötu og skrúfum



HRYGGSPENNING: Transpedikular skrufufestingar

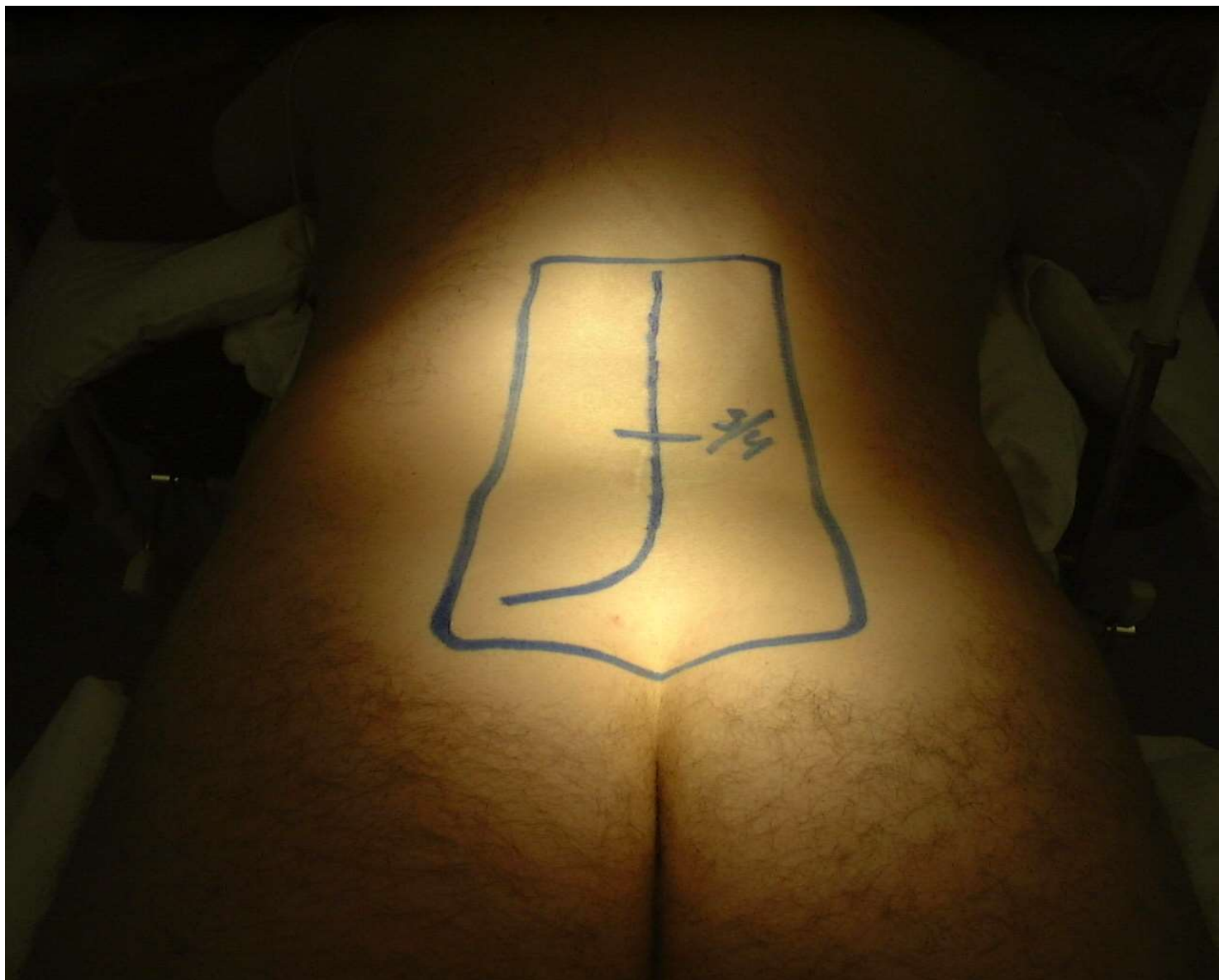
# A SECRET IN SPINE SURGERY THE PEDICLE



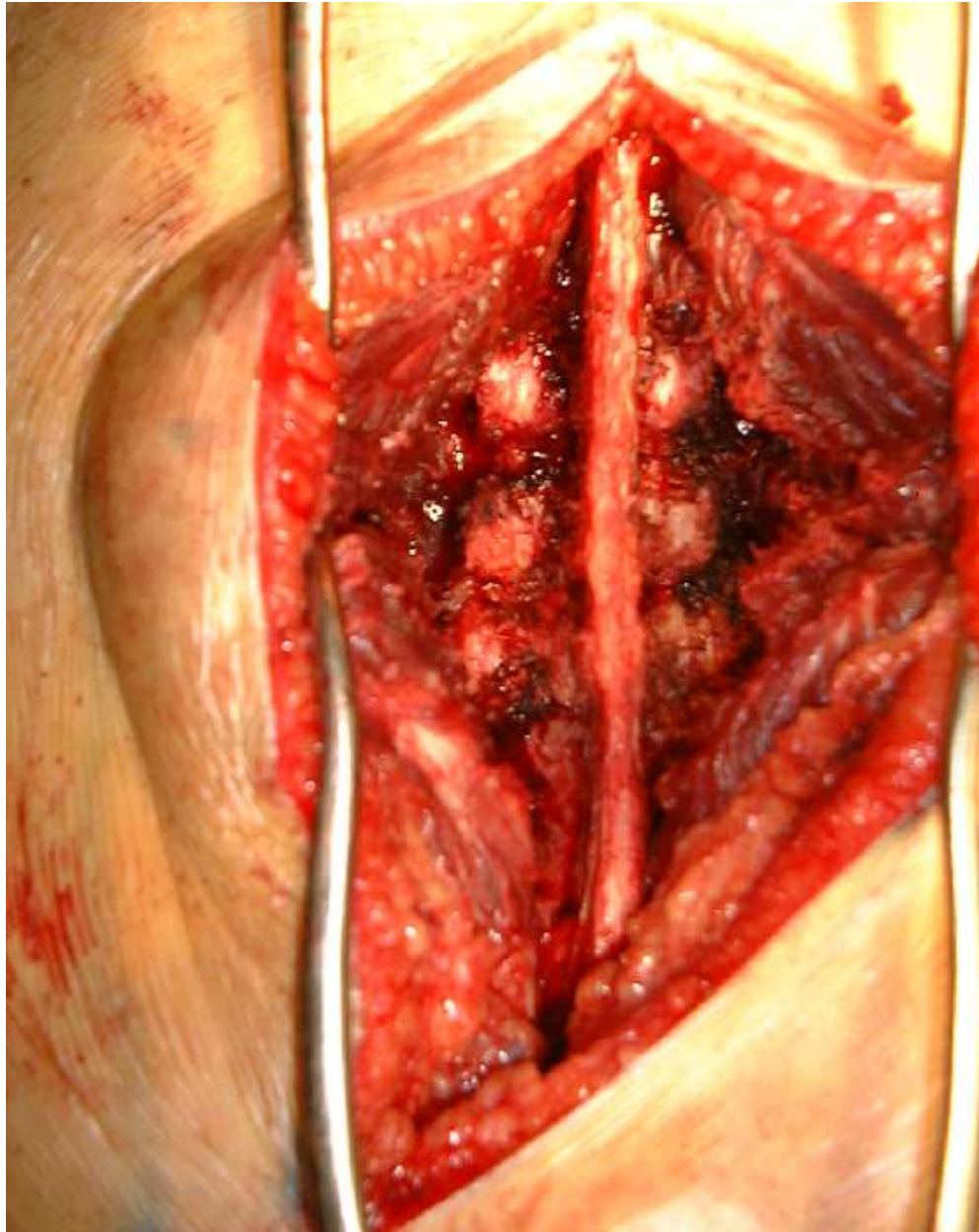
Skrúfur eru settar á rétta braut með gegnumlýsingu eða GPS stýringu



HRYGGSPENNING: Aftari spengingar í lendhrygg



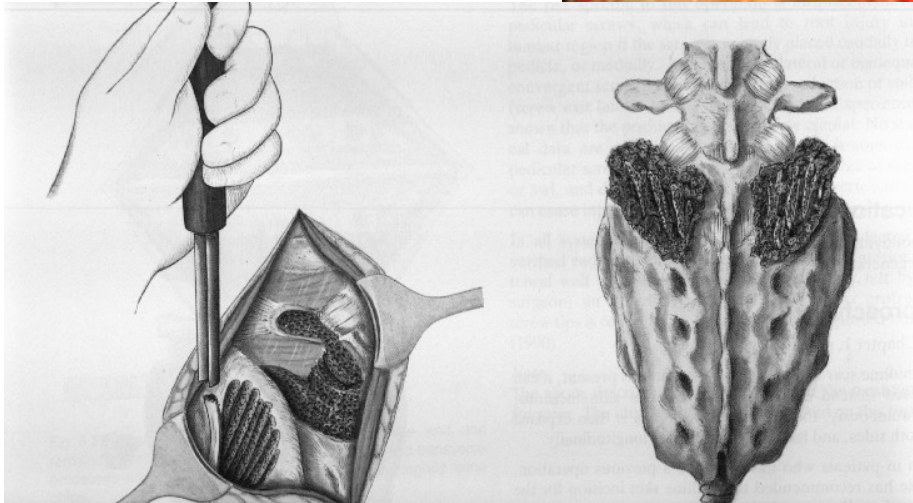
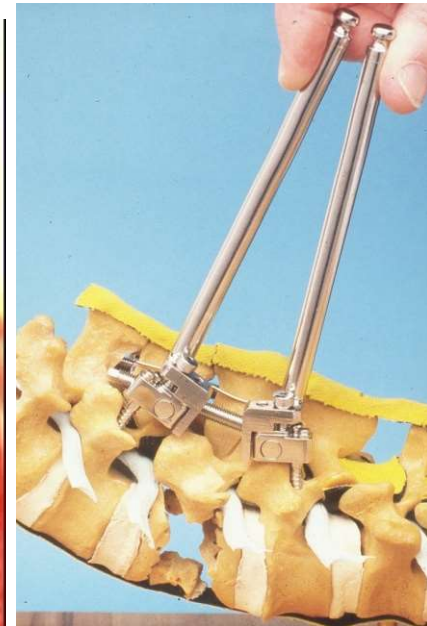
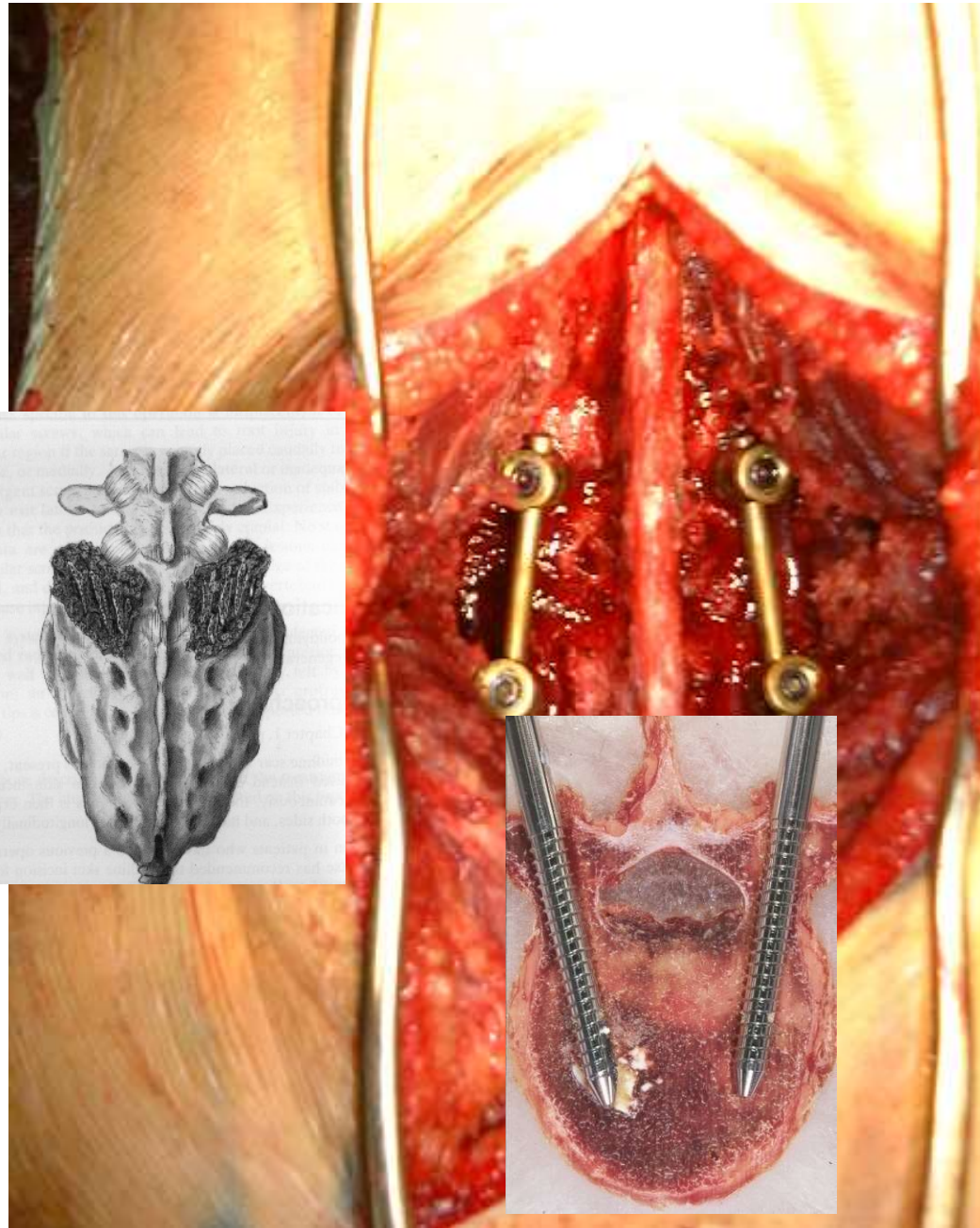
# HRYGGSPENNING: Aftari spenging - frílagning á mjóbakí



Hryggvöðvar liggja til hliðar; hryggþindar í miðju og smáliðir (kúlulaga) utan við



# HRYGGSPENNING: Festibúnaður + beingraftur



Beinflísar eru teknar frá vinstri mjaðmakambi og lagðir út á þvertindana

Festibúnaður glennir aftur upp liðbilin og heldur þeim réttum á meðan beinið grær



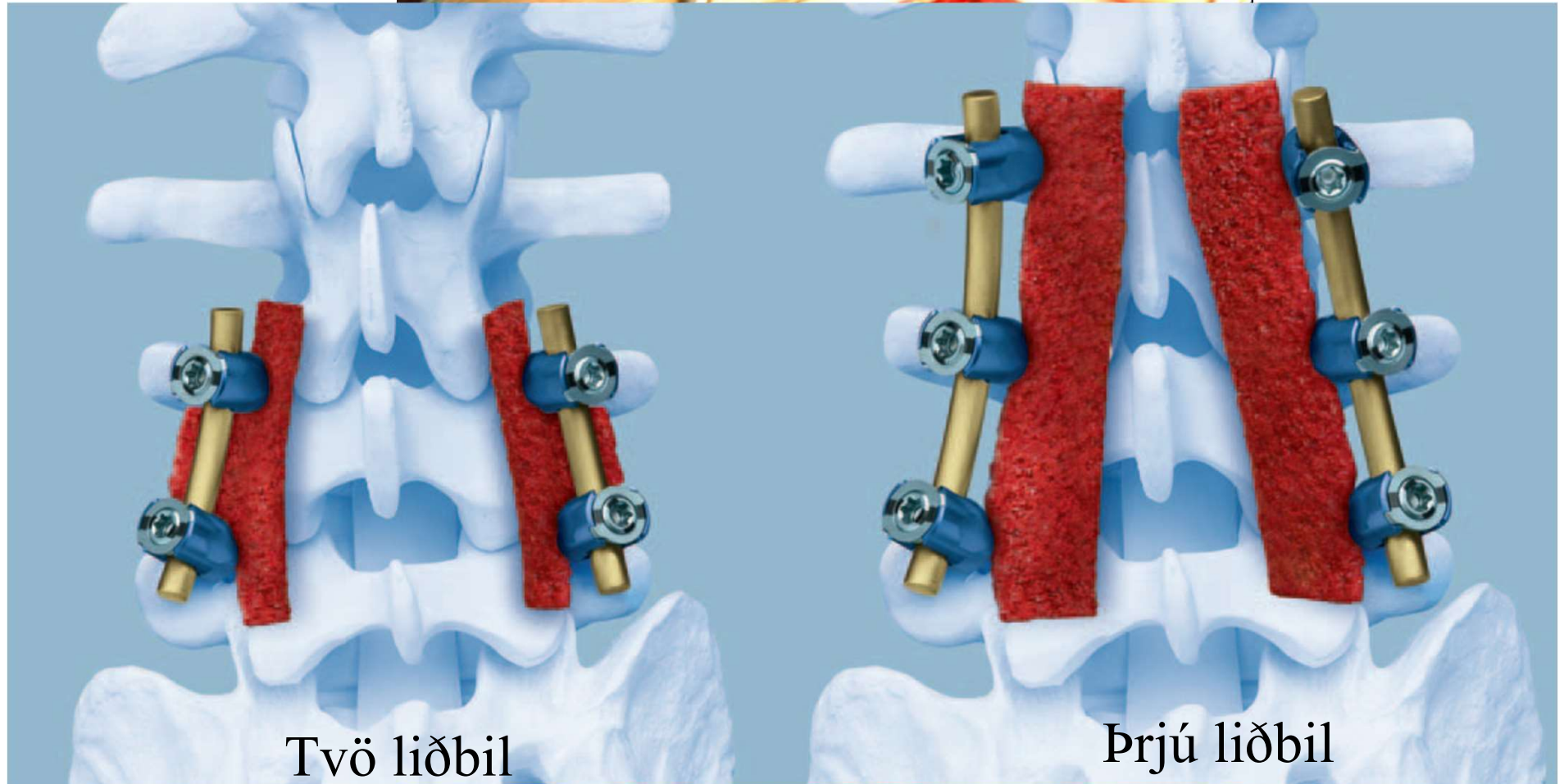
# HRYGGSPENGLING: Gervibein undirbúið .....



Gervibein (þrí-kalsíum-fosfat) er bleytt upp með blóði og beinmerg innan úr hryggjarbolunum.

Gervibeinið er síðan sniðið til eftir þörfum .....

# HRYGGSPENNING: Genvíbeíni komið fyrir ....

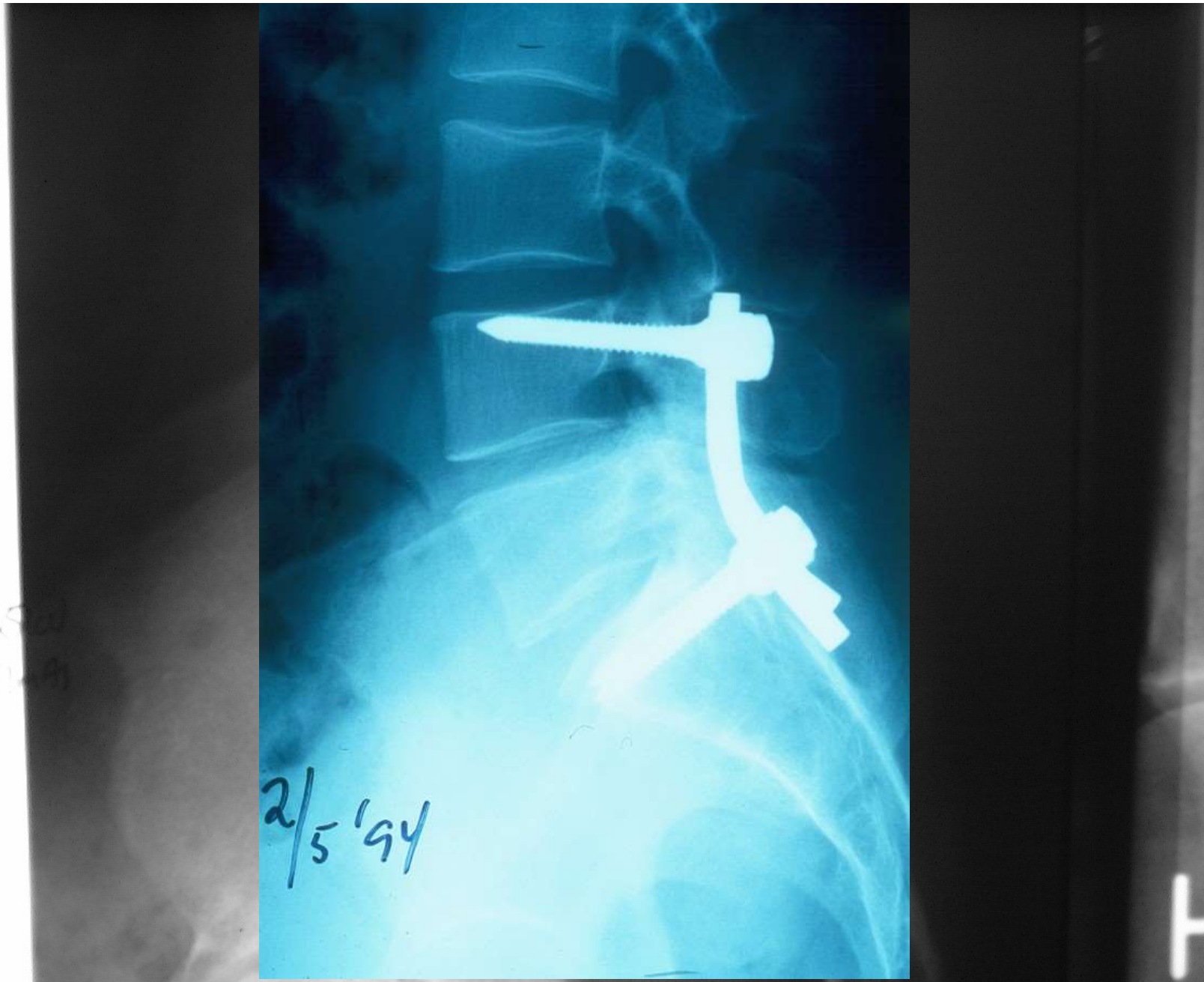


Tvö liðbil

Þrjú liðbil

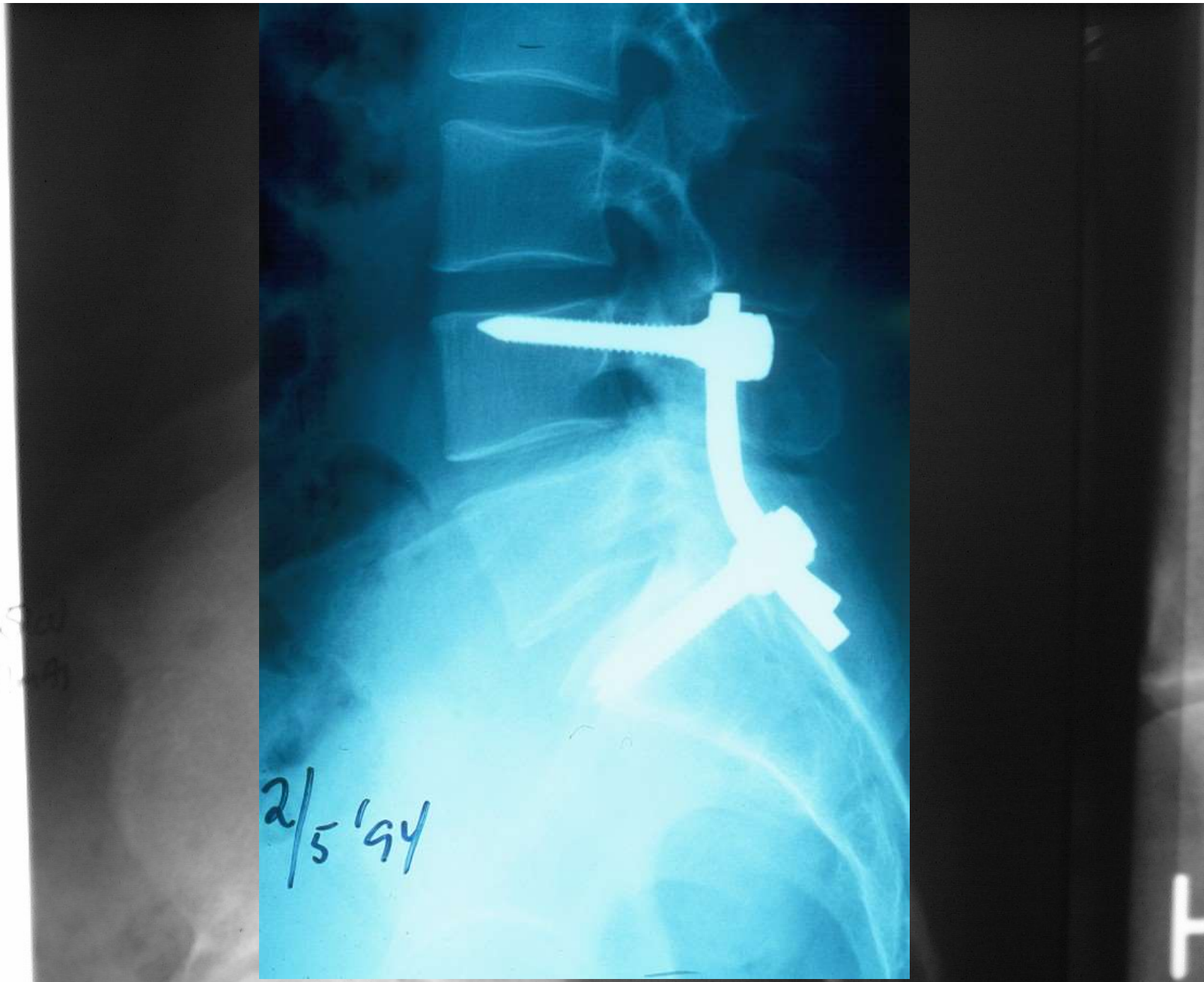


HRYGGSPENNING: Aftari spening L4 - S1





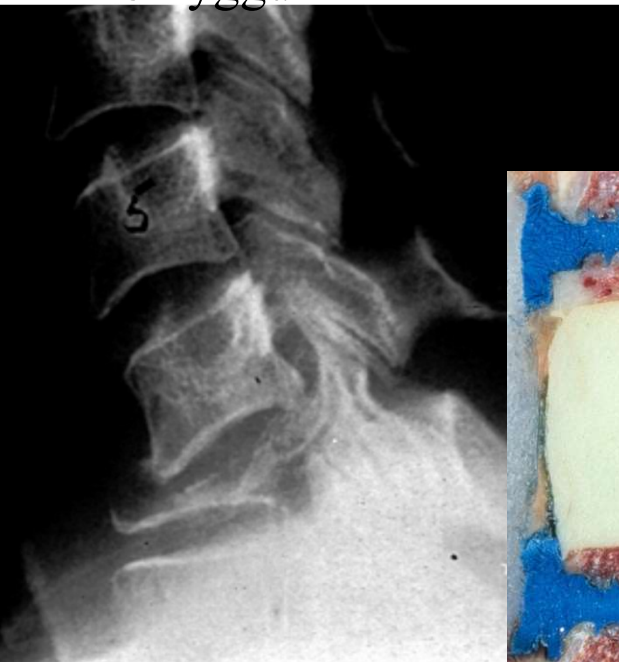
HRYGGSPENNING: Aftari spening L4 - S1



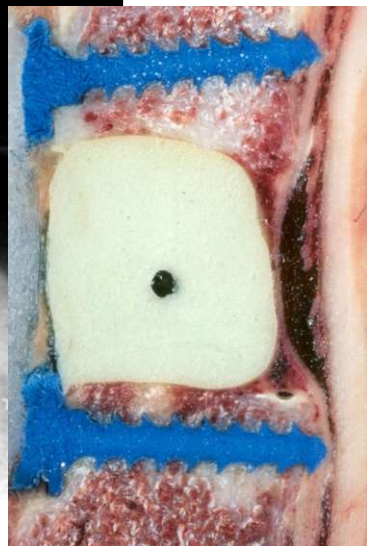
# Hryggspening við meinvörpum

Skurðmeðferð við meinvörpum í hryggsúlu er aðeins tekin til greina ef ljóst er að sá möguleiki auki lífsgæði sjúklings miðað við núverandi ástand. Fyrst og fremst er um verkjastillingu að ræða; einnig að viðhalda þeim möguleika að geta verið sjálfbjarga. Mest aðkallandi aðgerðirnar eru við meinvörp og brot í Th11 -12 þar sem er mikið álag og geta orðið skyndilegar lamanir vegna klemmu á mænu.

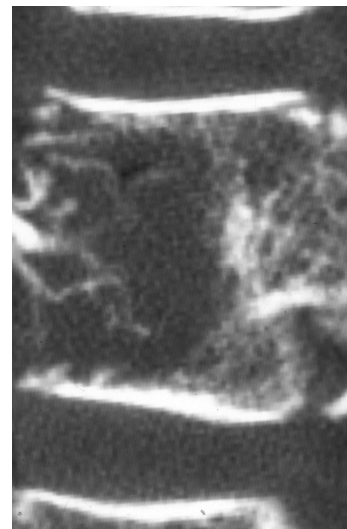
Hálshryggur



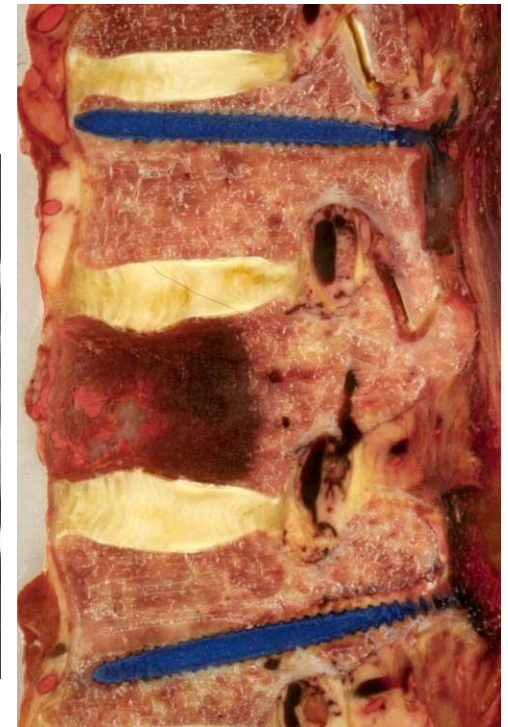
Ca mammae



Lendhryggur



Ca renis



*TAKK!*

