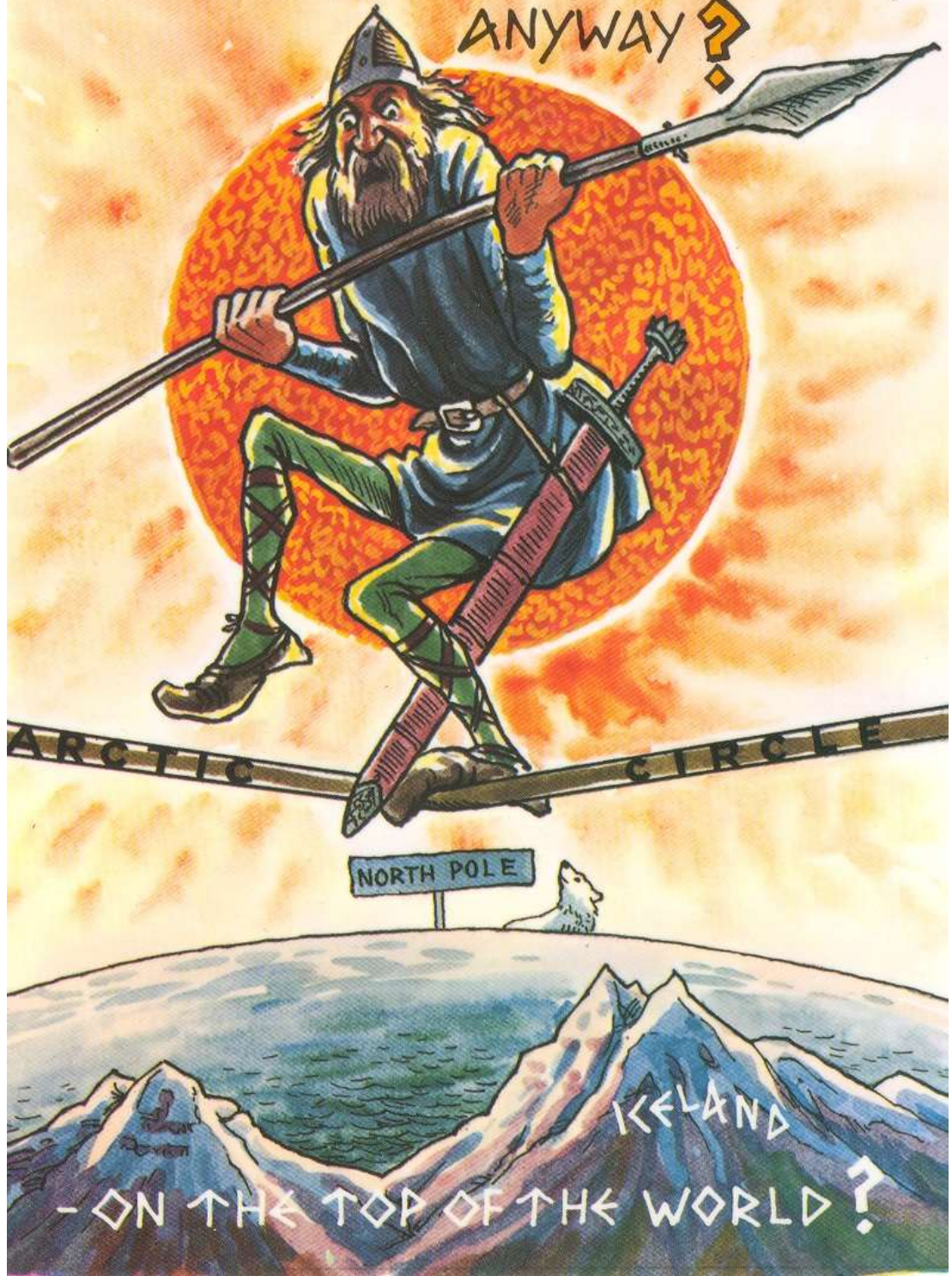


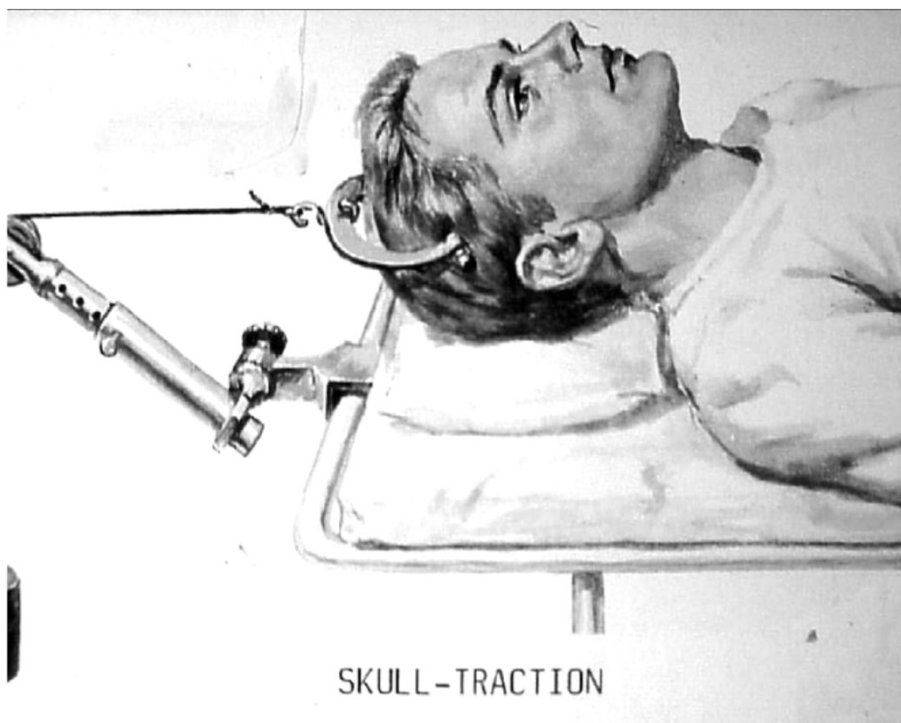
WHAT AM I DOING HERE,

ANYWAY?



Tog meðferð

Háls
strekki
ur



Halo við (efri) háls hryggjaráverka



Allir óstöðugir áverkar: 8 vikur

Undantekning:

- 12 v
- Dens brot II
- Liðskrið C2 – C3
- “Flókin brot” (bæði C1 og C2)

Frábending:

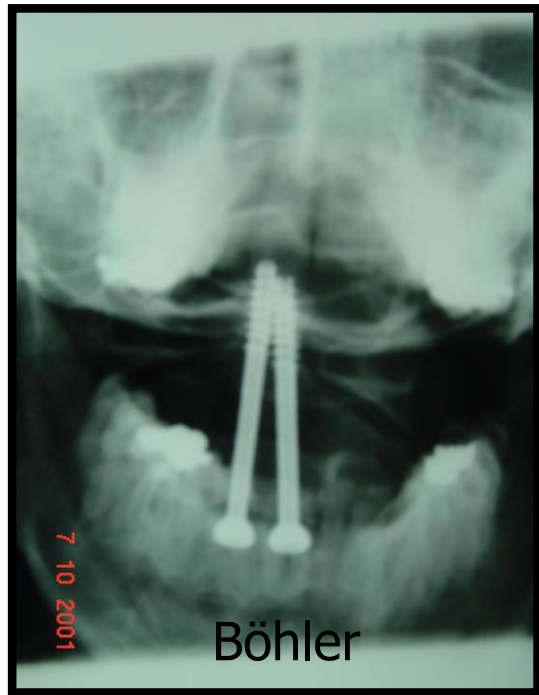
Sjúklingar með höfuðkúpubrot

Ósamvinnuþýðir sjúklingar (geð, aldur, fíklar, Becht)

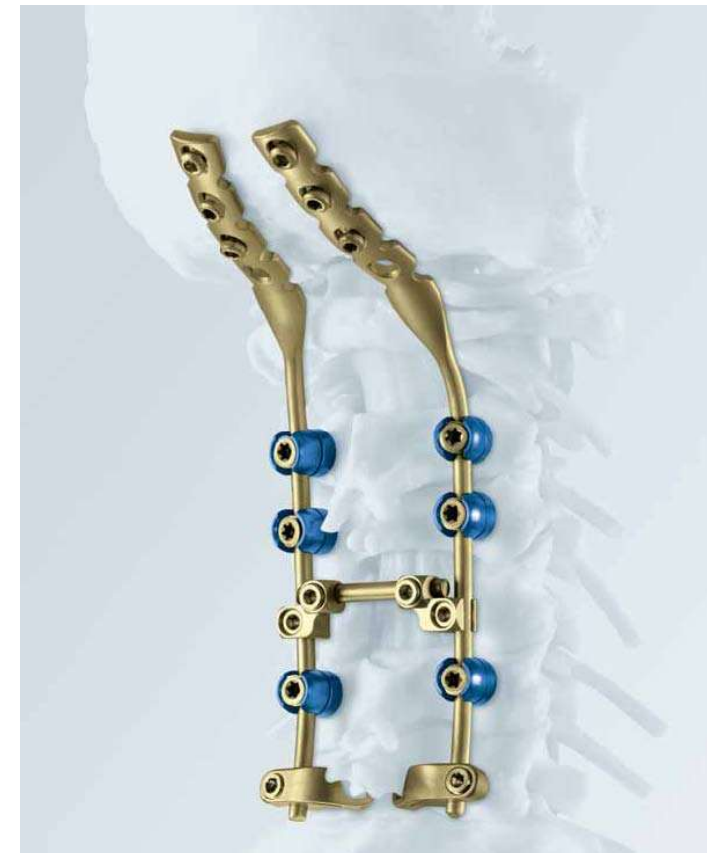
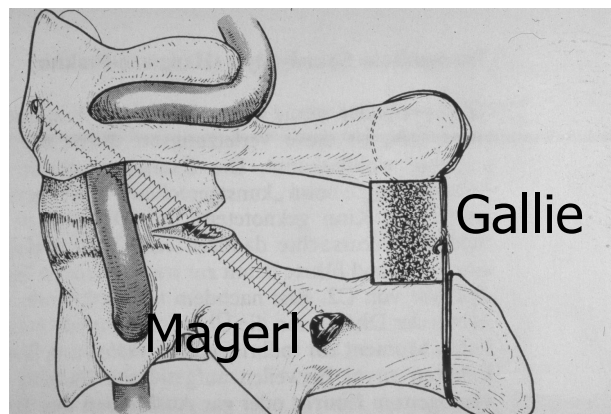
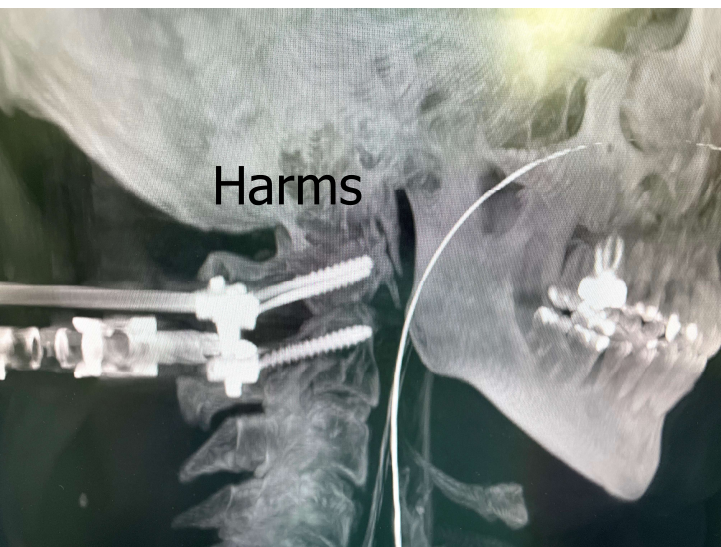
Fylgikvillar:

Hliðrun 10-12 %, Neurologisk versnun 1-2 %, Pneumonia 5 %, nuddsár 1-2%

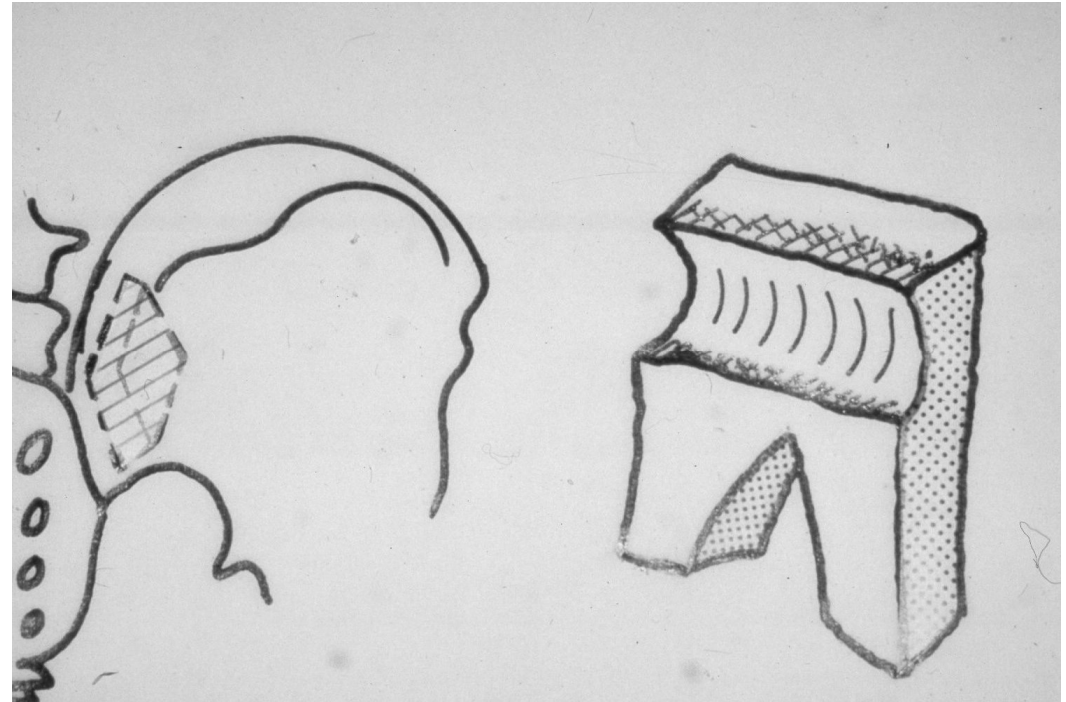
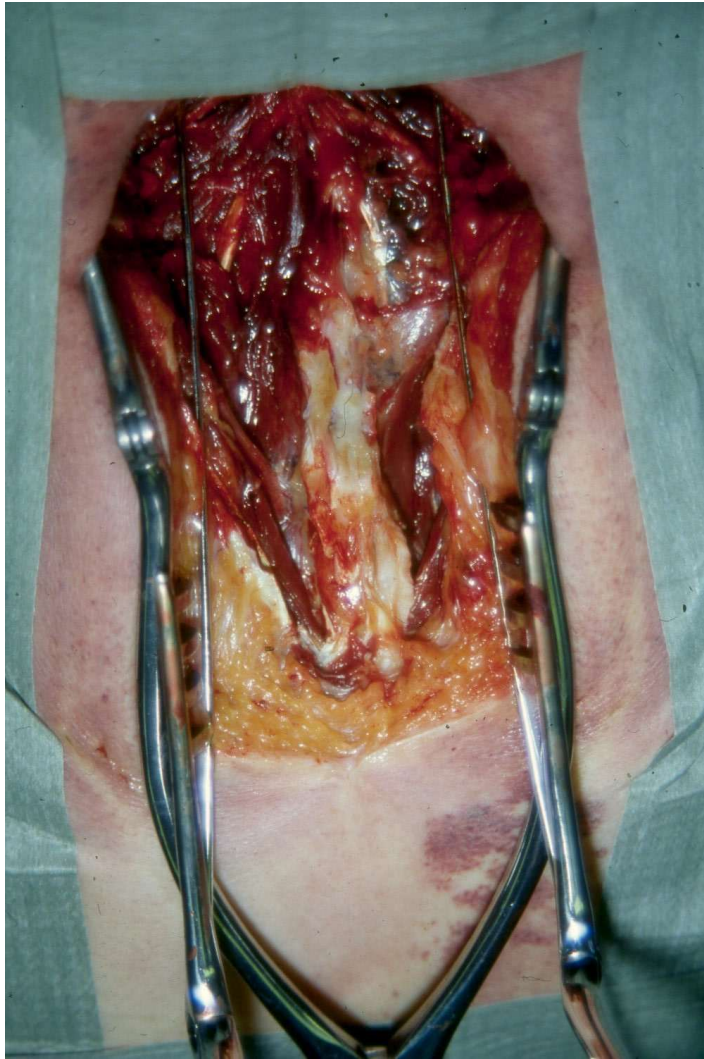
Skurðaðgerðir á efri háls hrygg



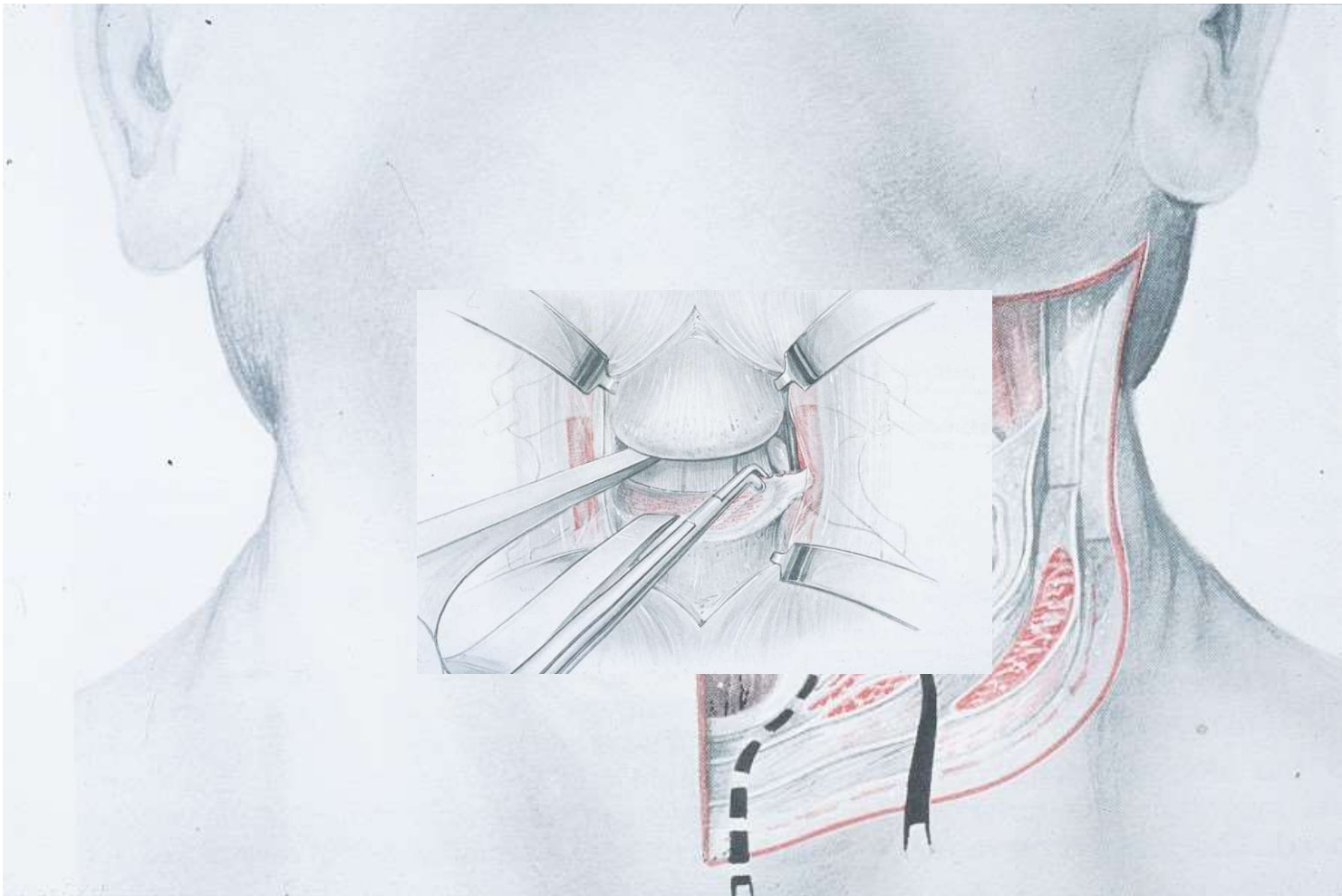
Occipito-cervical fixation



HRÝGGSPENNING: Efrí háls hryggur opinn að aftan og beintaka frá mjaðamakambí

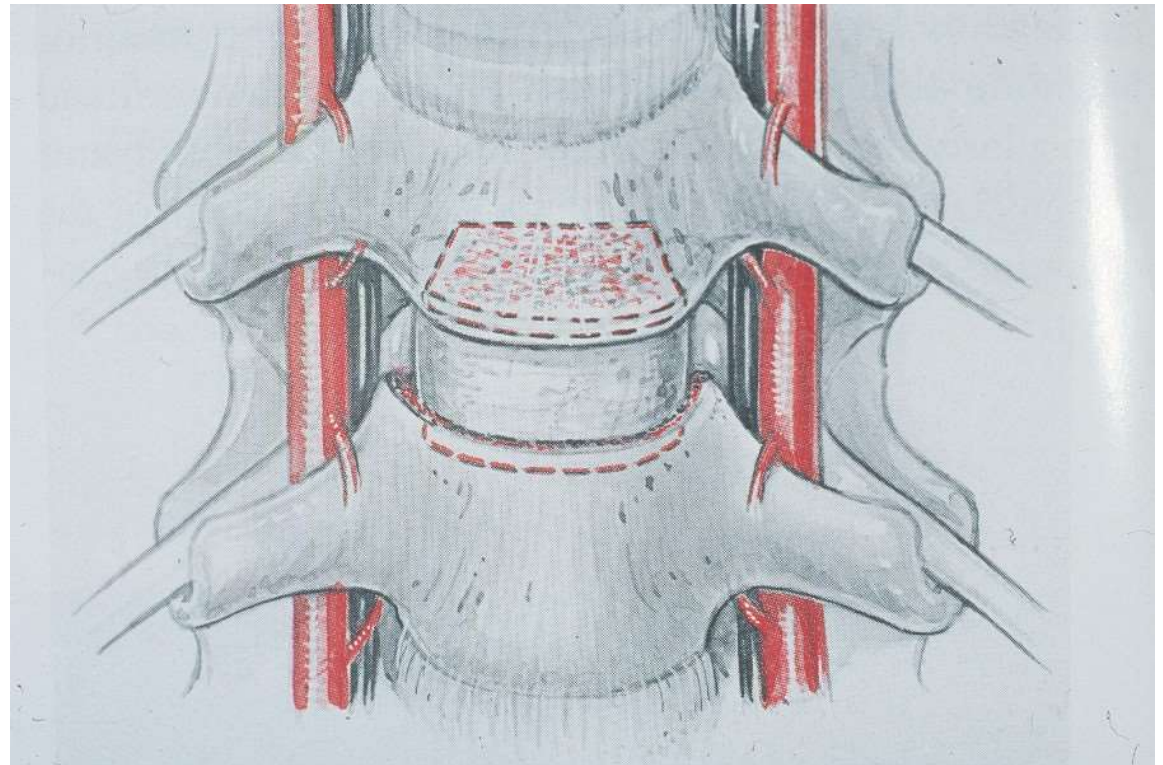
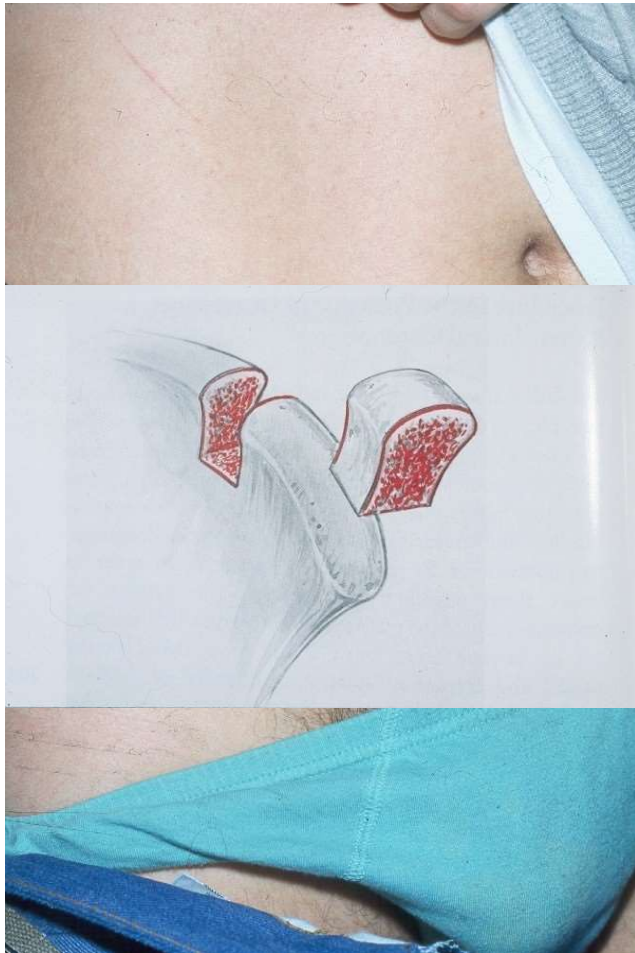


HRYGGSPENNING: Fremri aðgerð á neðri hálshrygg – búið að fjarlægja hryggþófann C5-C6 og verið að fjarlægja beingadd



HRYGGSPENNING: Fremri aðgerð á neðri háls hrygg

Beinkubbur frá mjaðmakambi settur í liðbil og festur með plötur og skrúfum



Hryggbrot – hálshryggur

- Neðri: C3-C7 (hryggjarbolsbrot)



Plata og skrúfur



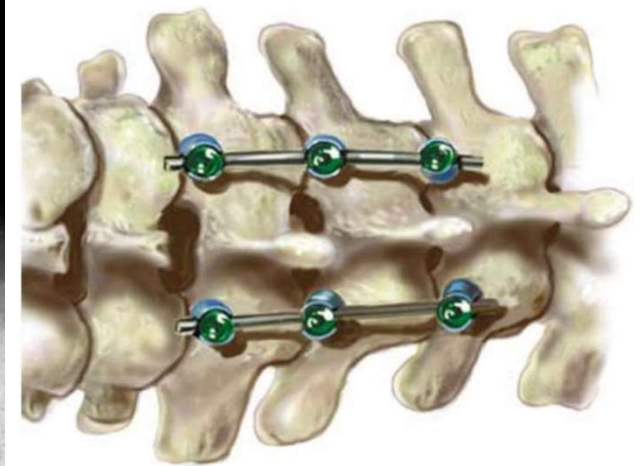
MaxAn

Hryggbrot – hálshryggur

- Neðri: C3-C7 (hálshryggjarliðhlaup)



Fremri og aftari festing



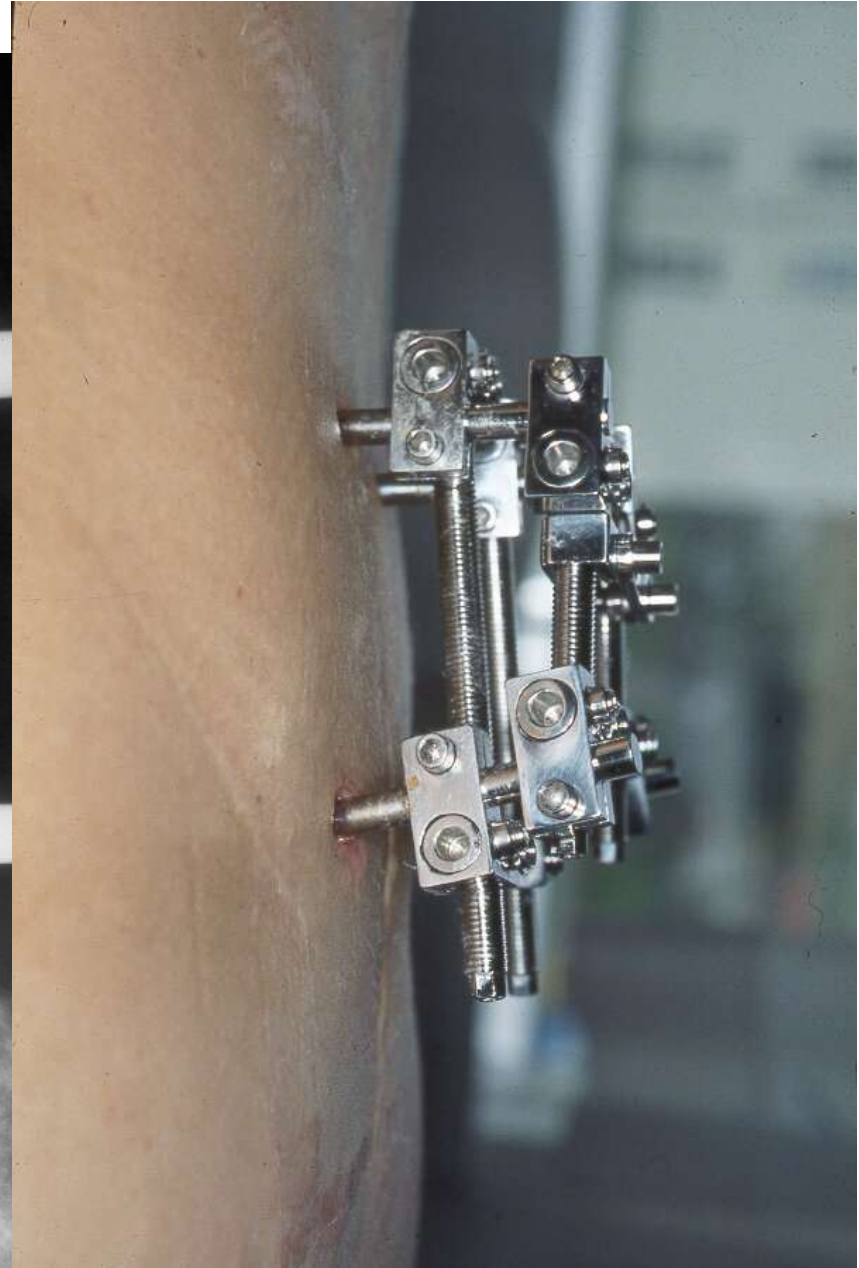
Vertex

HRÝGGSPENGING: Transpedikular skrúfufestingar

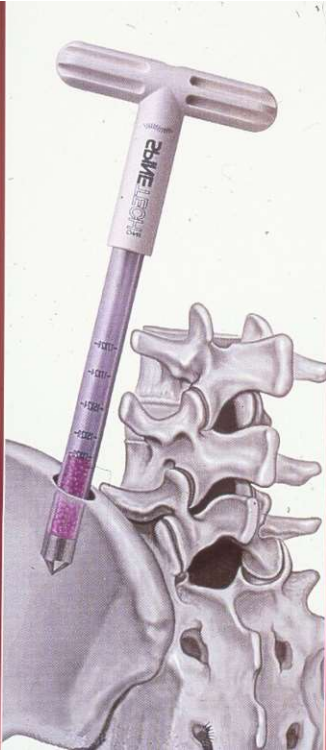
A SECRET IN SPINE SURGERY THE PEDICLE



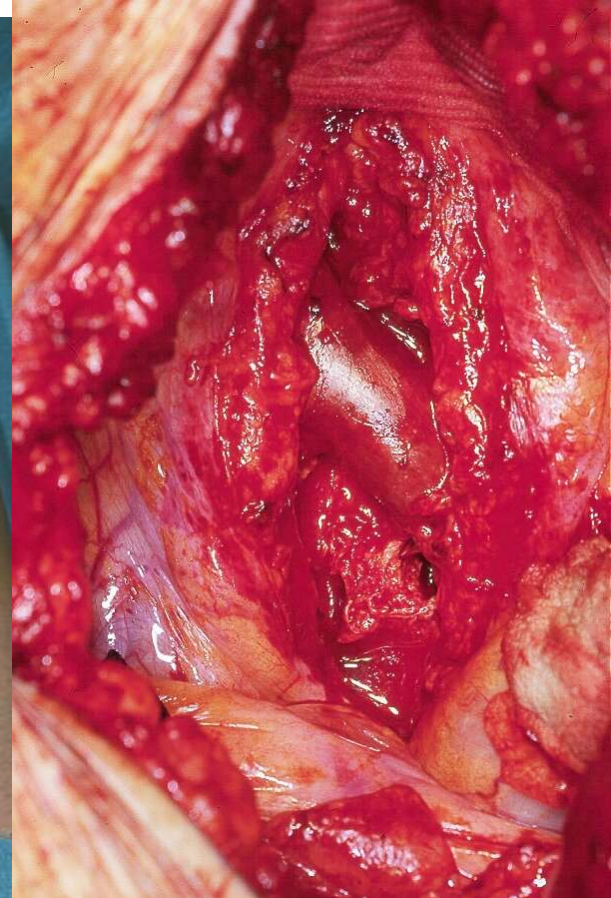
HRYGGSPENNING: Aftari - ytri - transpedikular skrúfufestingar



HRYGGSPENNING: Lendhryggstólpar að framan

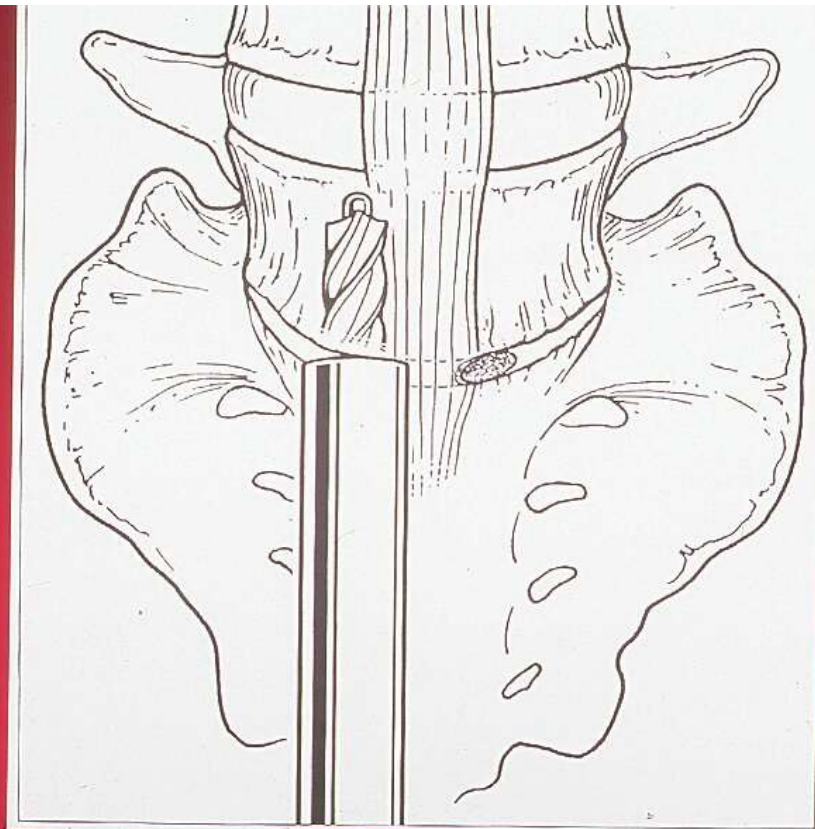
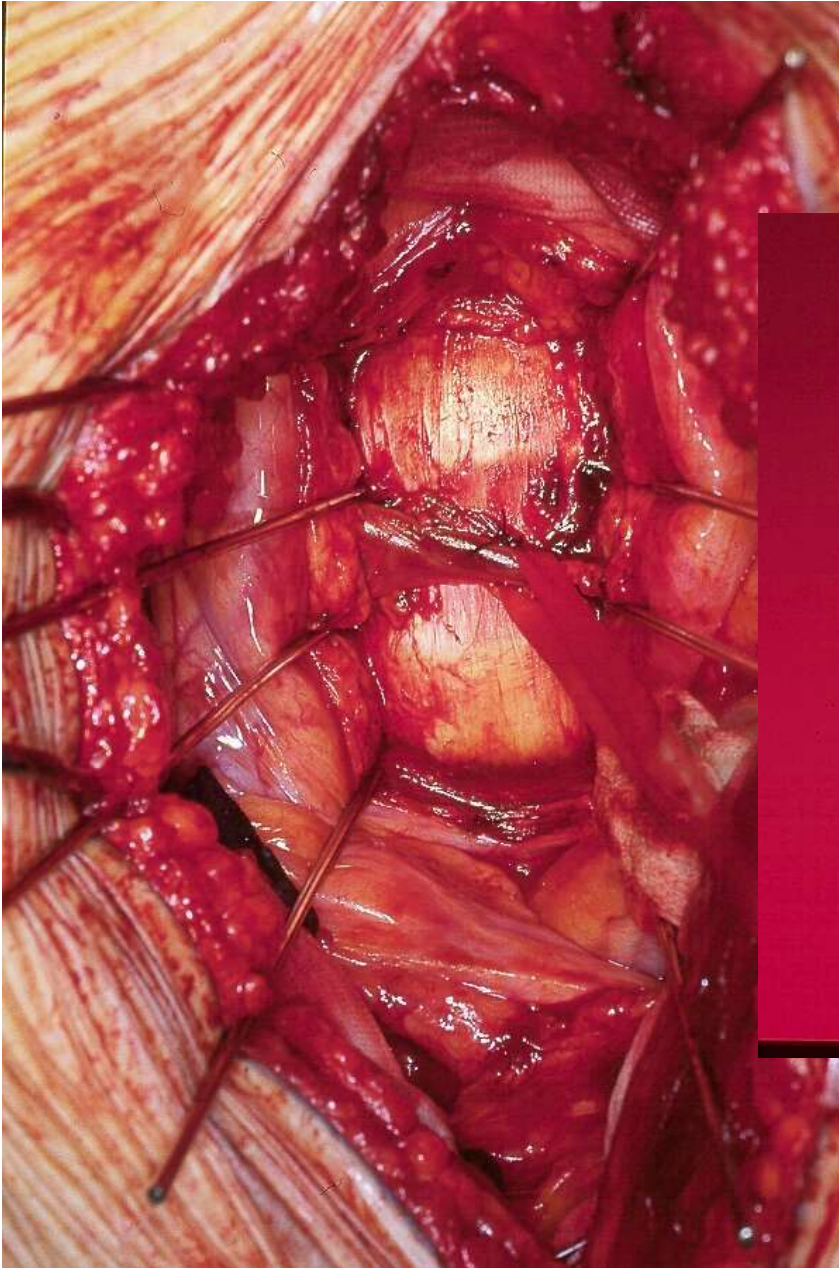


Beinmjöl tekið frá mjaðmakambi



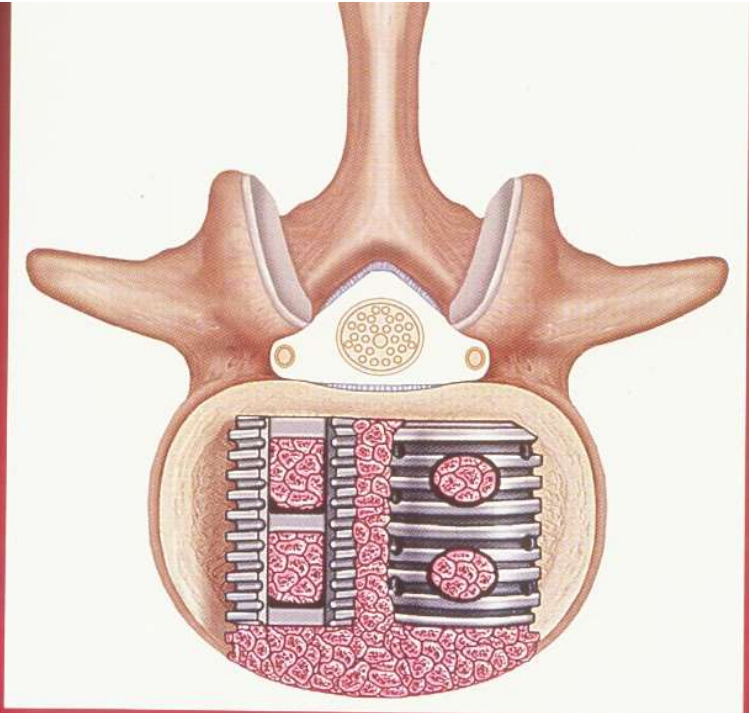
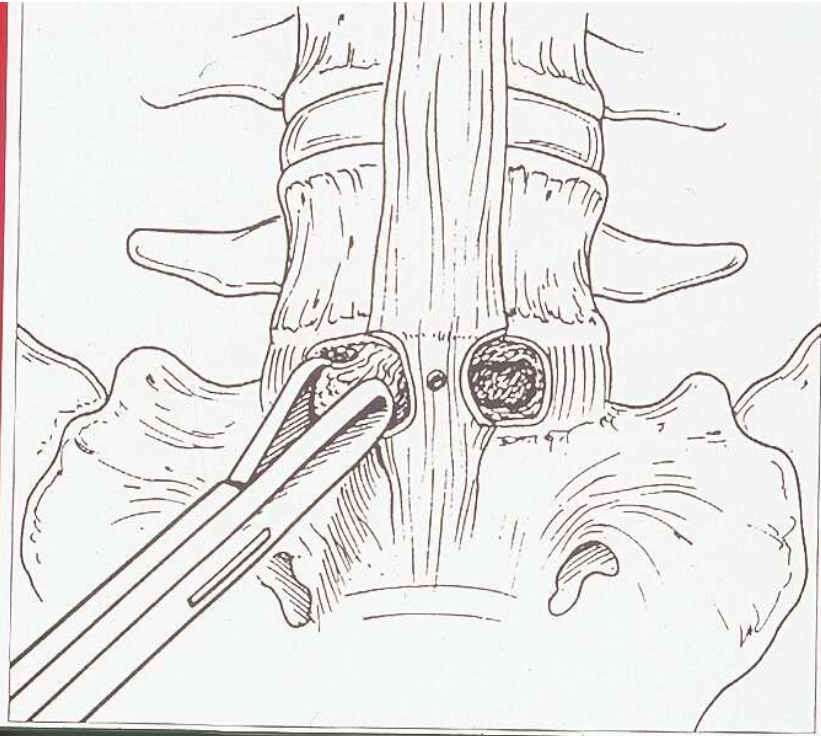
Kviðarhol opnað og þarmar og æðar lagðar til hliðar við hryggsúluna.

HRYGGSPENNING: Lendhryggstólpar



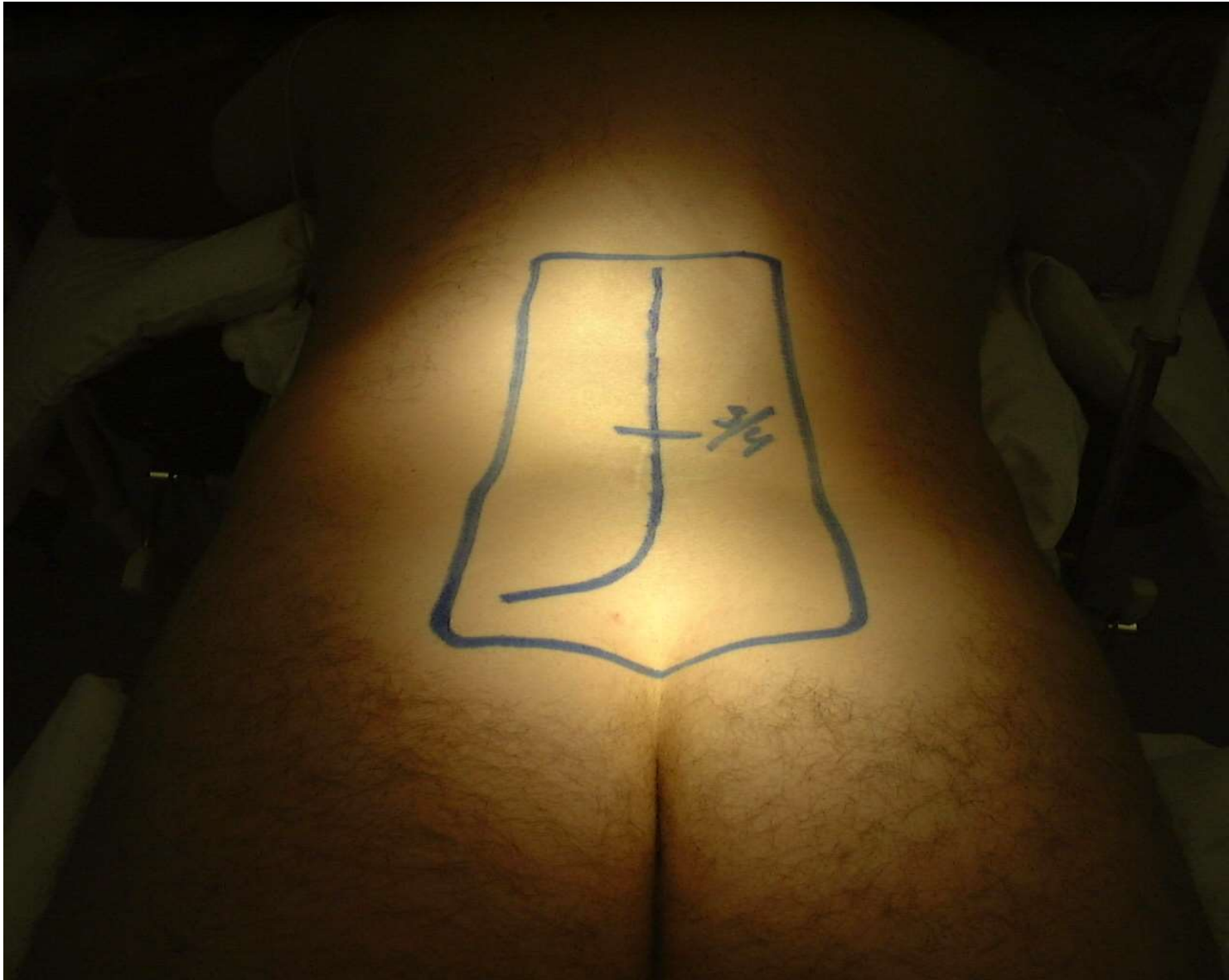
Borgöt gerð í hryggþófana

HRYGGSPENING: Lendhryggstólpar

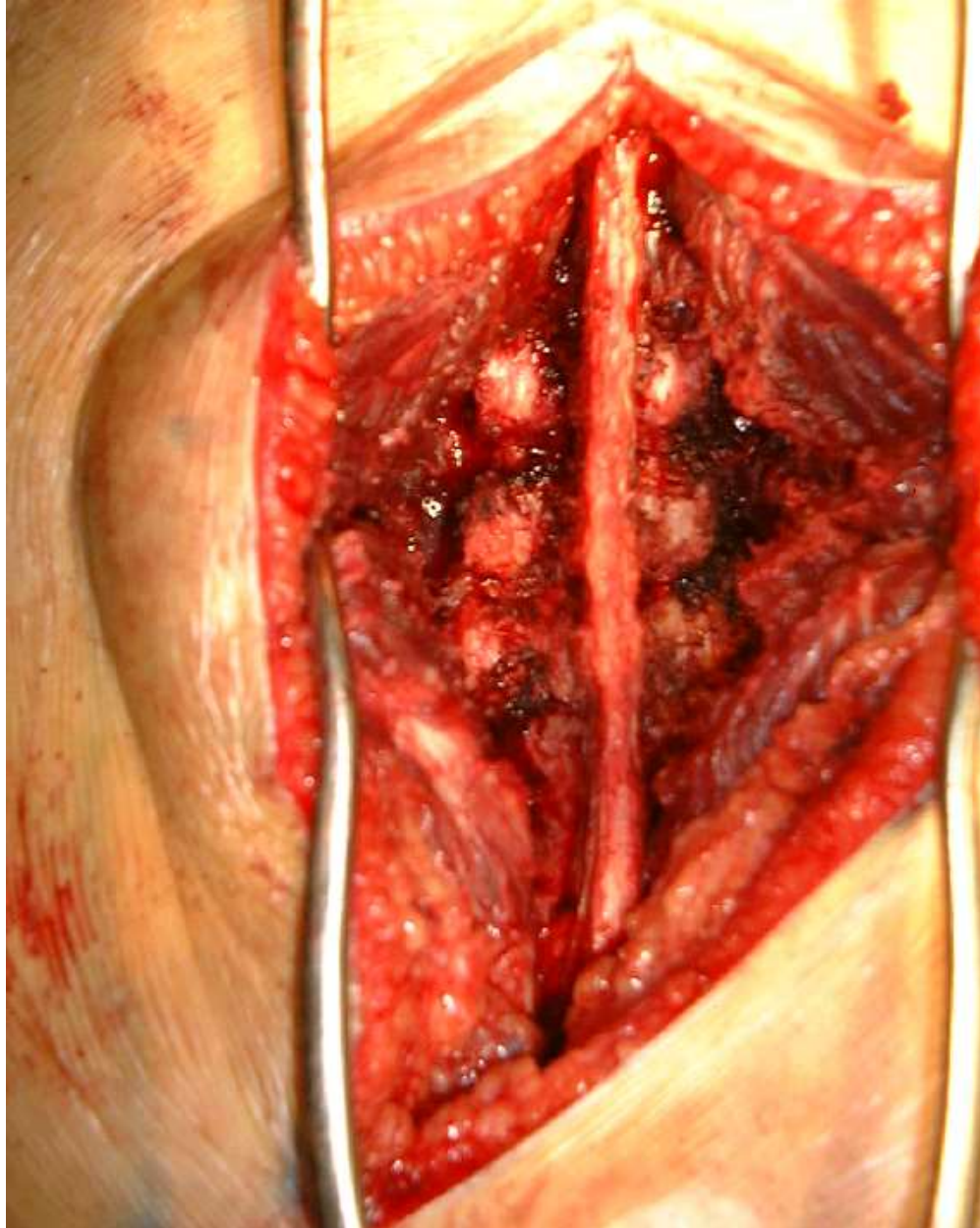


Kjarninn farlægður úr hryggþófanum og hryggstólpi ásamt beinmjöli sett í staðinn

HRYGGSPENNING: Aftari - innri -spengingar í
lendhrygg

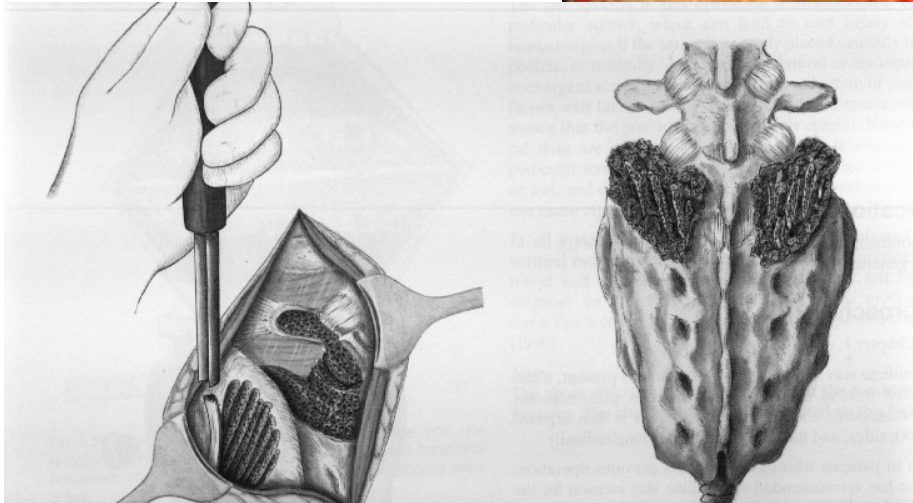
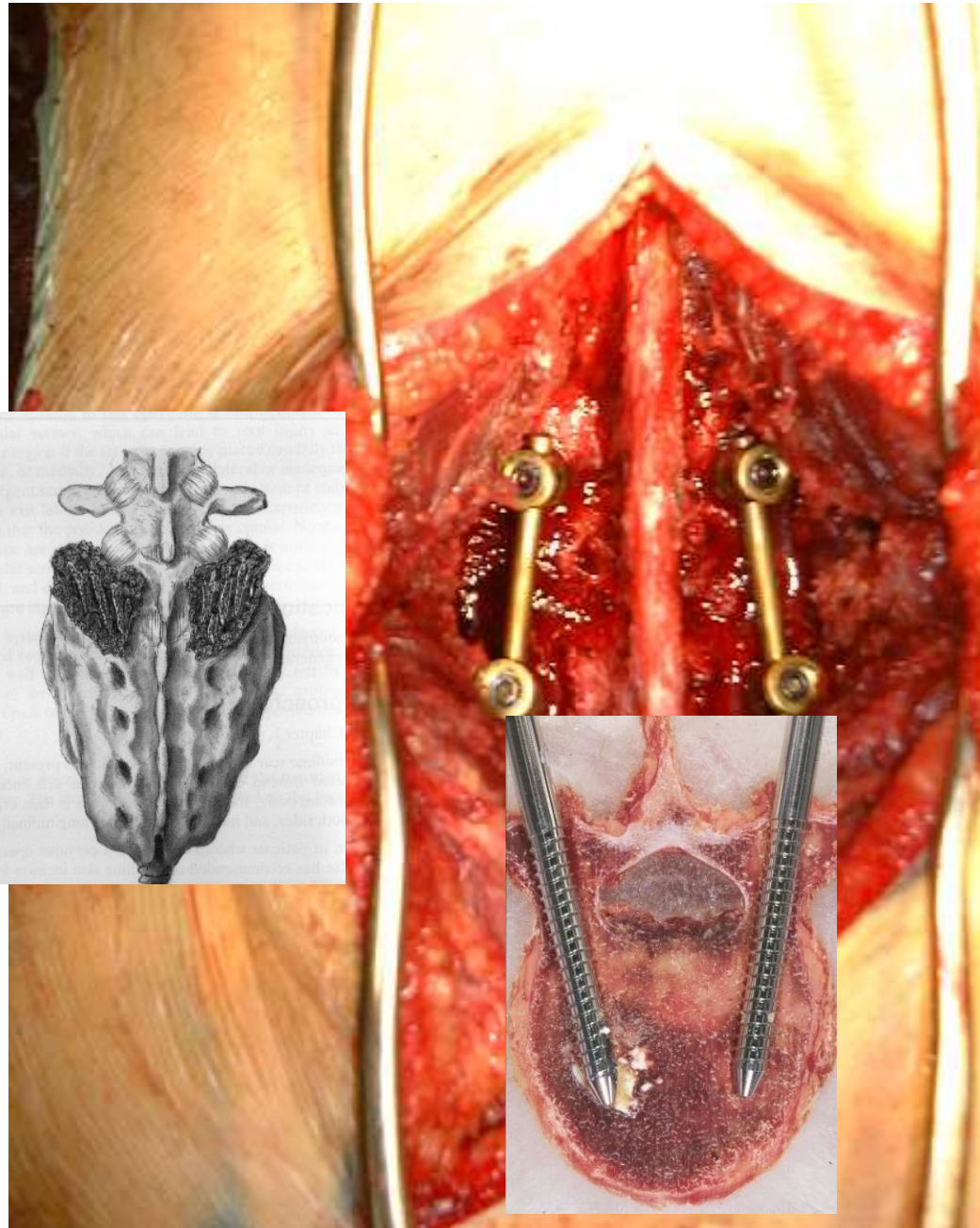


HRYGGSPENNING: Aftari - innri - spenging - frílagning á mjóbakí



Hryggvöðvar liggja til hliðar; hryggstindar 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

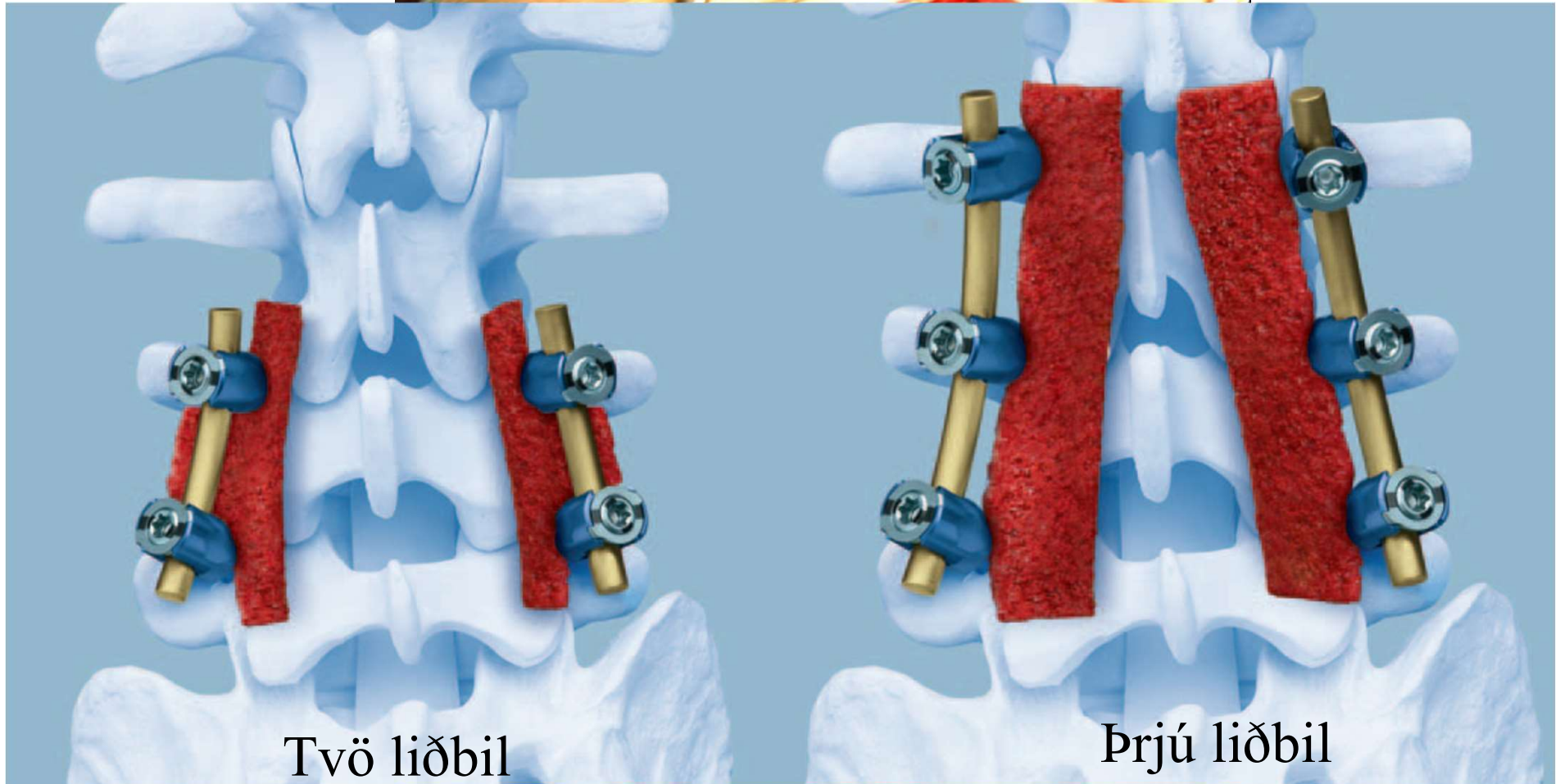
HRYGGSPENGLING: Gervibein undirbúið



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

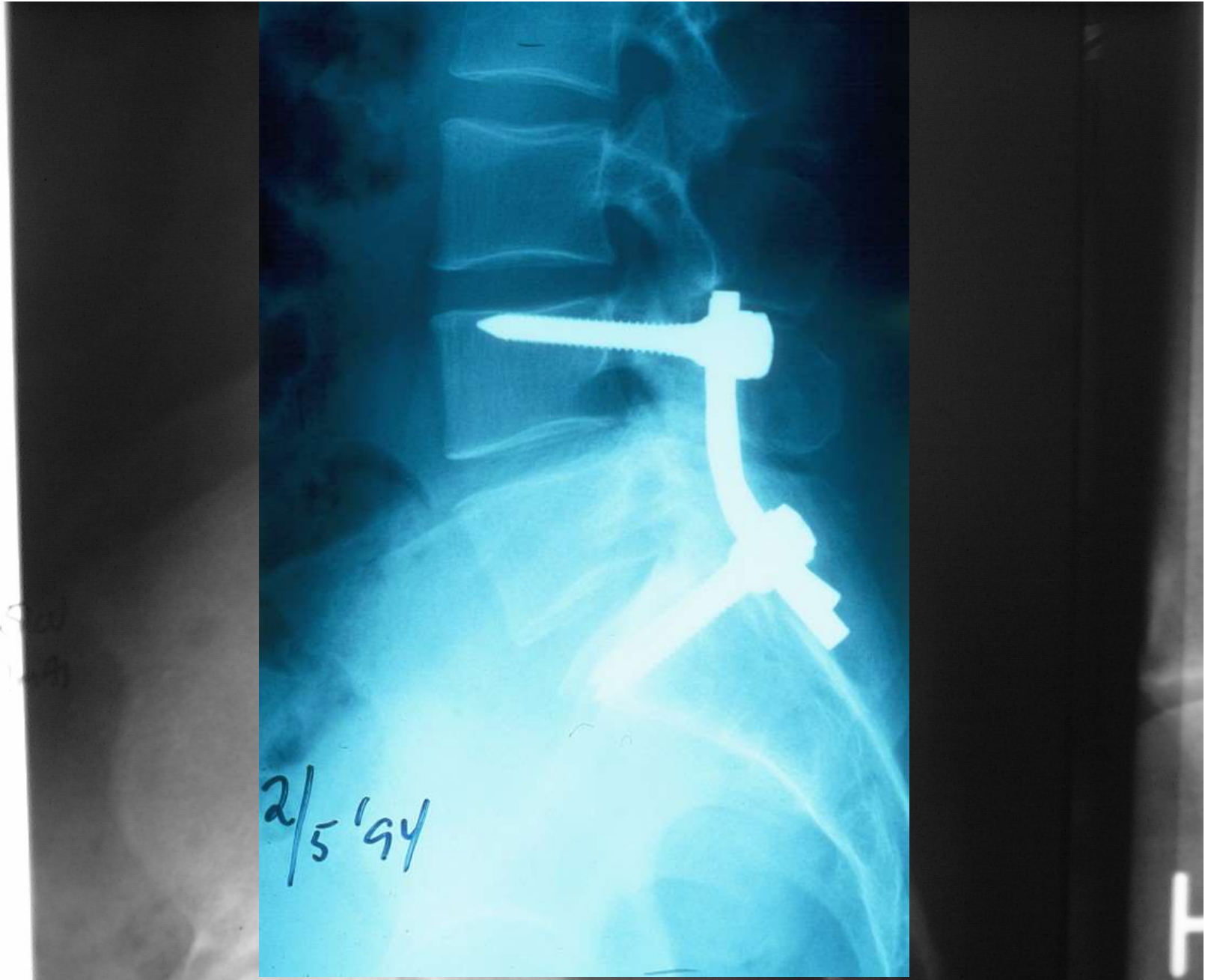


Tvö liðbil

Þrjú liðbil

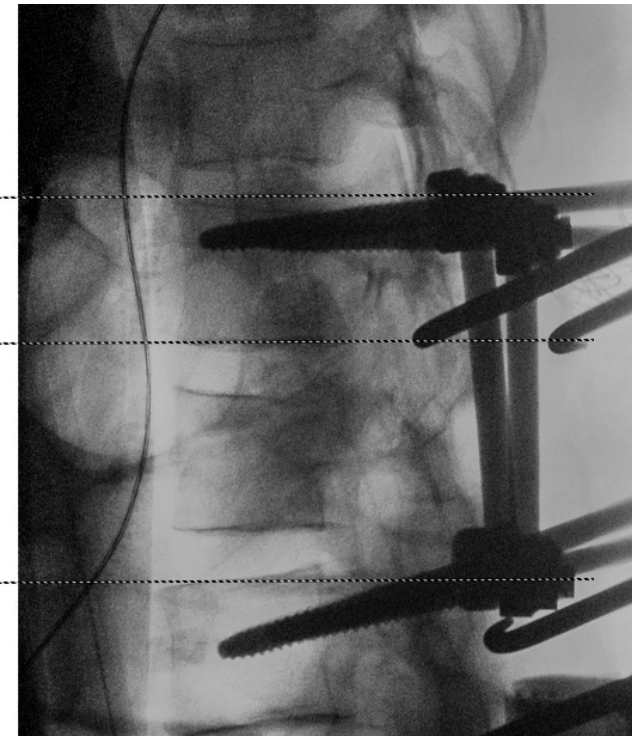
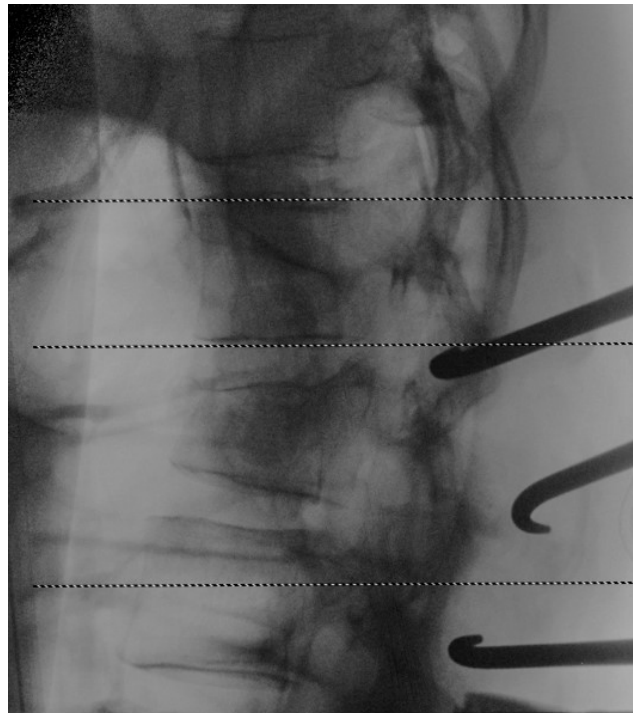


HRYGGSPENNING: Aftari - innri - spening L4
- S1



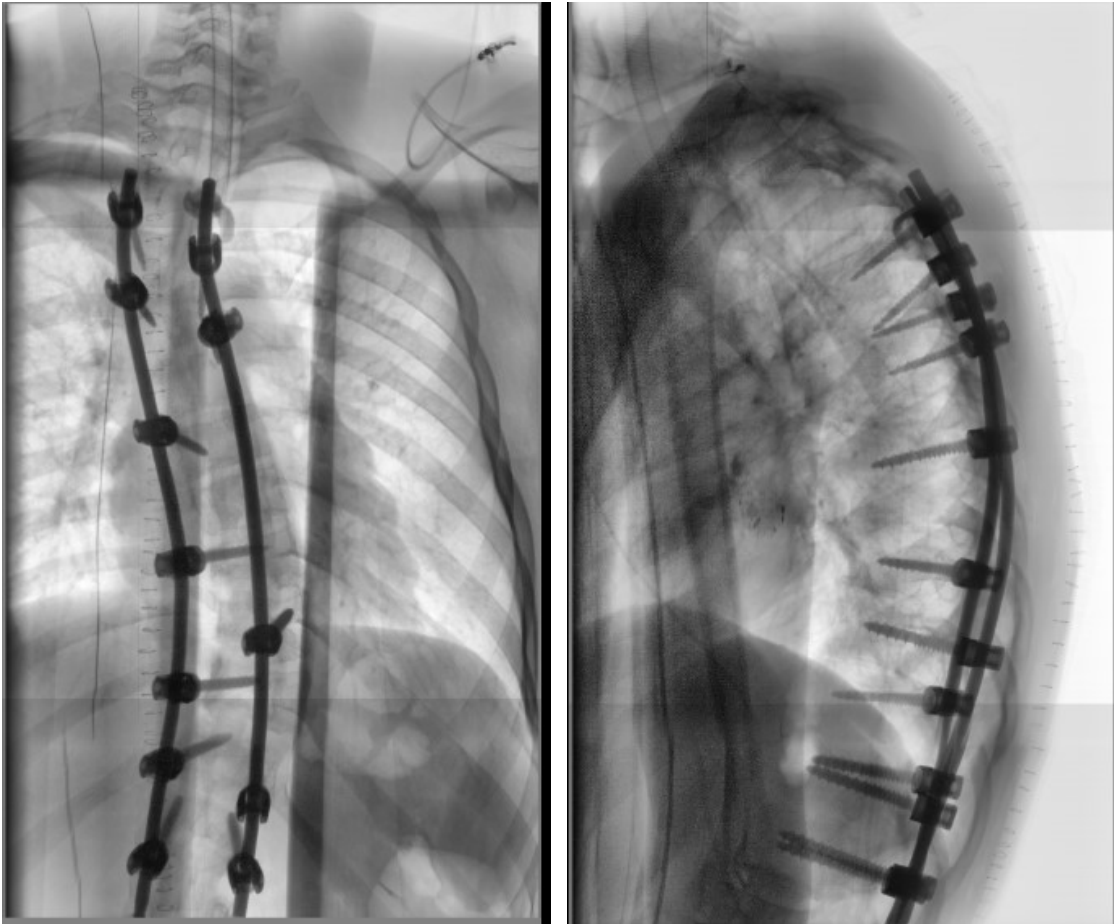
Skurðaðgerð á T-L áverkum:

- s.k. “ligamento-taxis” með “transpedicular” tæki



USS= Universal
Spine System

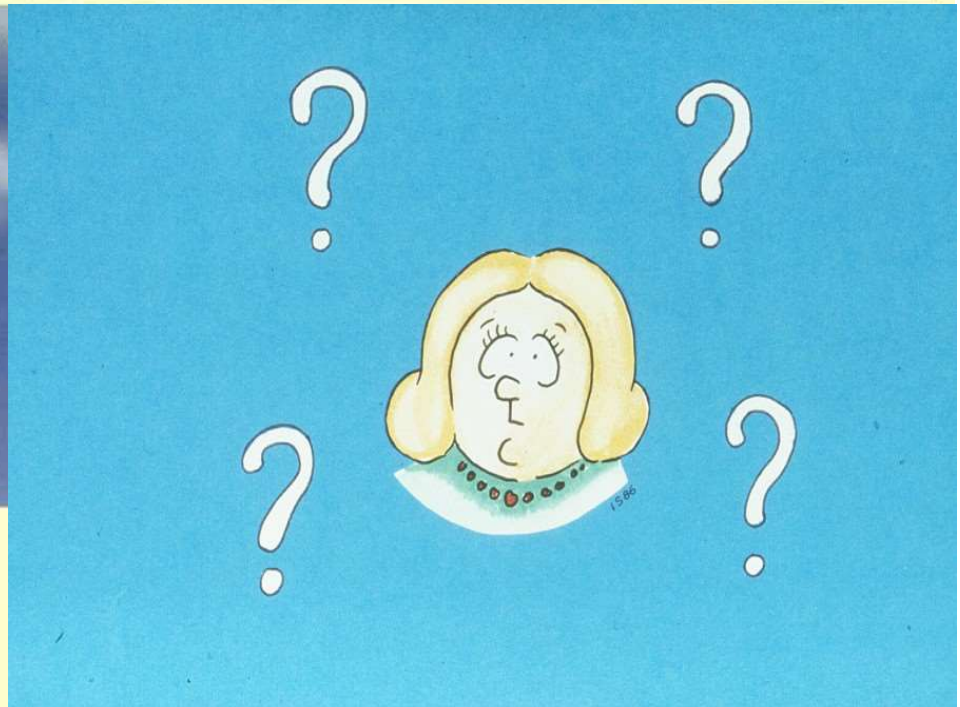
Skurðaðgerð á hryggsskekkju með “transpedicular” tækni og taugamonitoreringu



NÝIR SKURÐMÖGULEIKAR ("ekki-spenging")

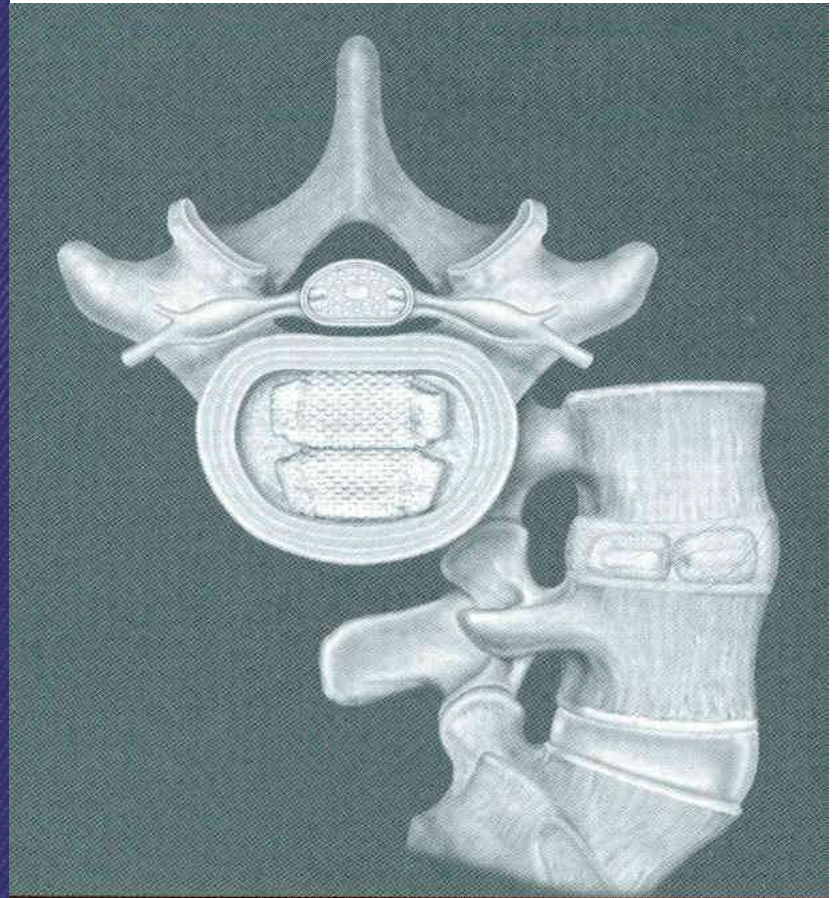
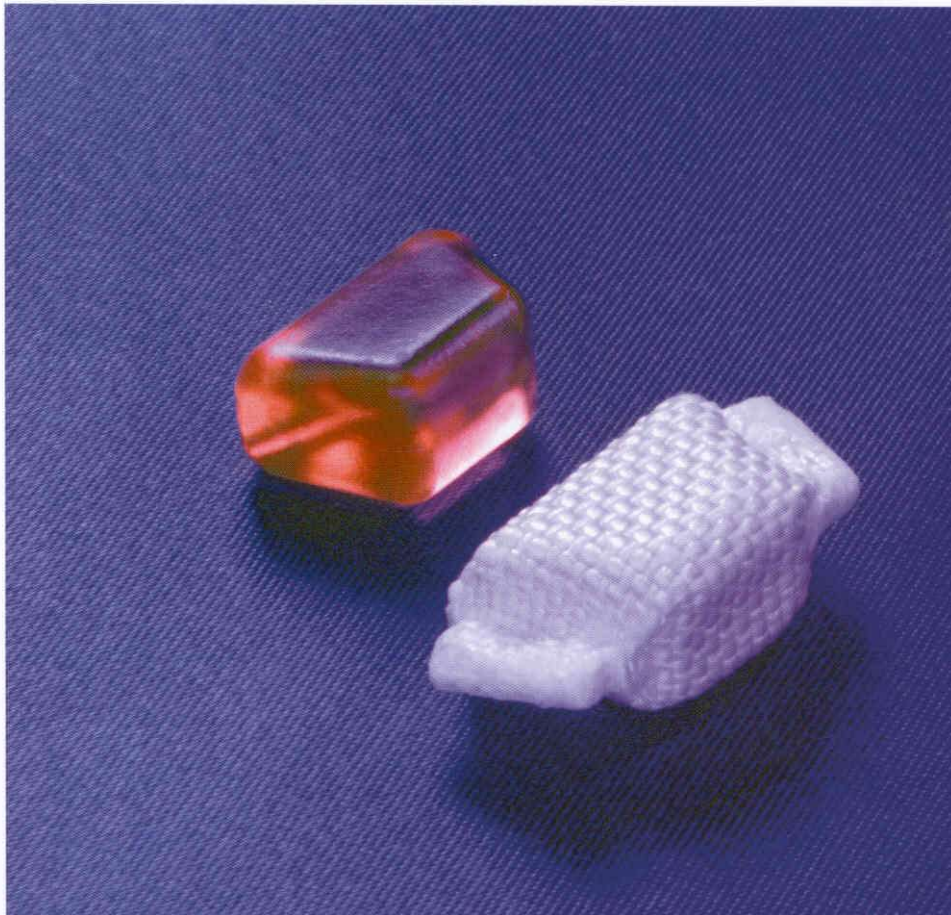


The non-fusion technology

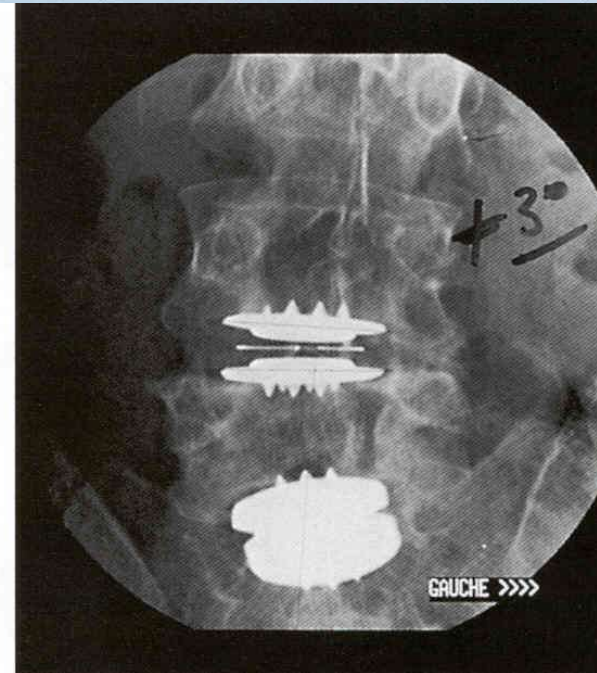
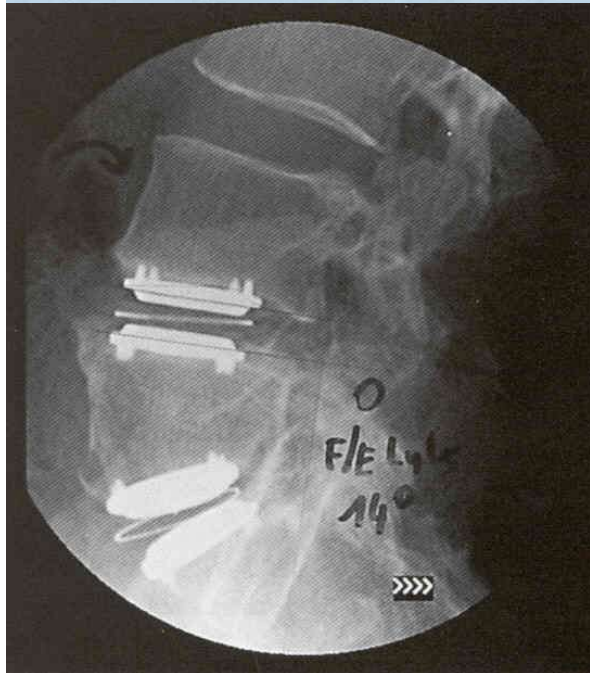


NÝIR SKURÐMÖGULEIKAR ("ekki-spenging"):
AÐ FRAMAN: NÝR KJARNI - GERVIBRJÓSK

THE PDN[®] PROSTHETIC DISC NUCLEUS



NÝIR SKURÐMÖGULEIKAR ("ekki-spenging"): AÐ FRAMAN: NÝR LIÐUR - GERVILIÐUR



NÝIR SKURÐMÖGULEIKAR (“ekki-spenging”): AÐ AFTAN: NÝIR “DEMPARAR”

