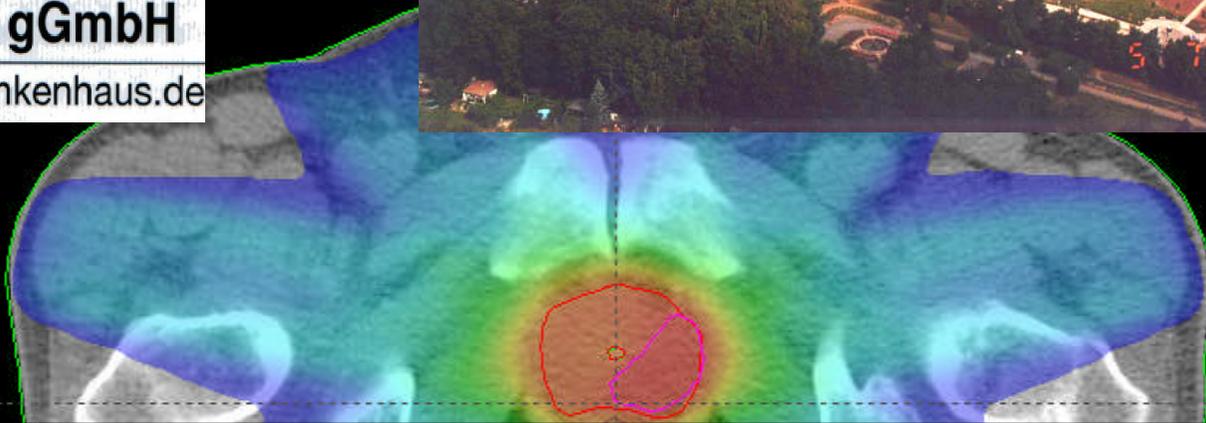




**Südharz-Krankenhaus
Nordhausen gGmbH**

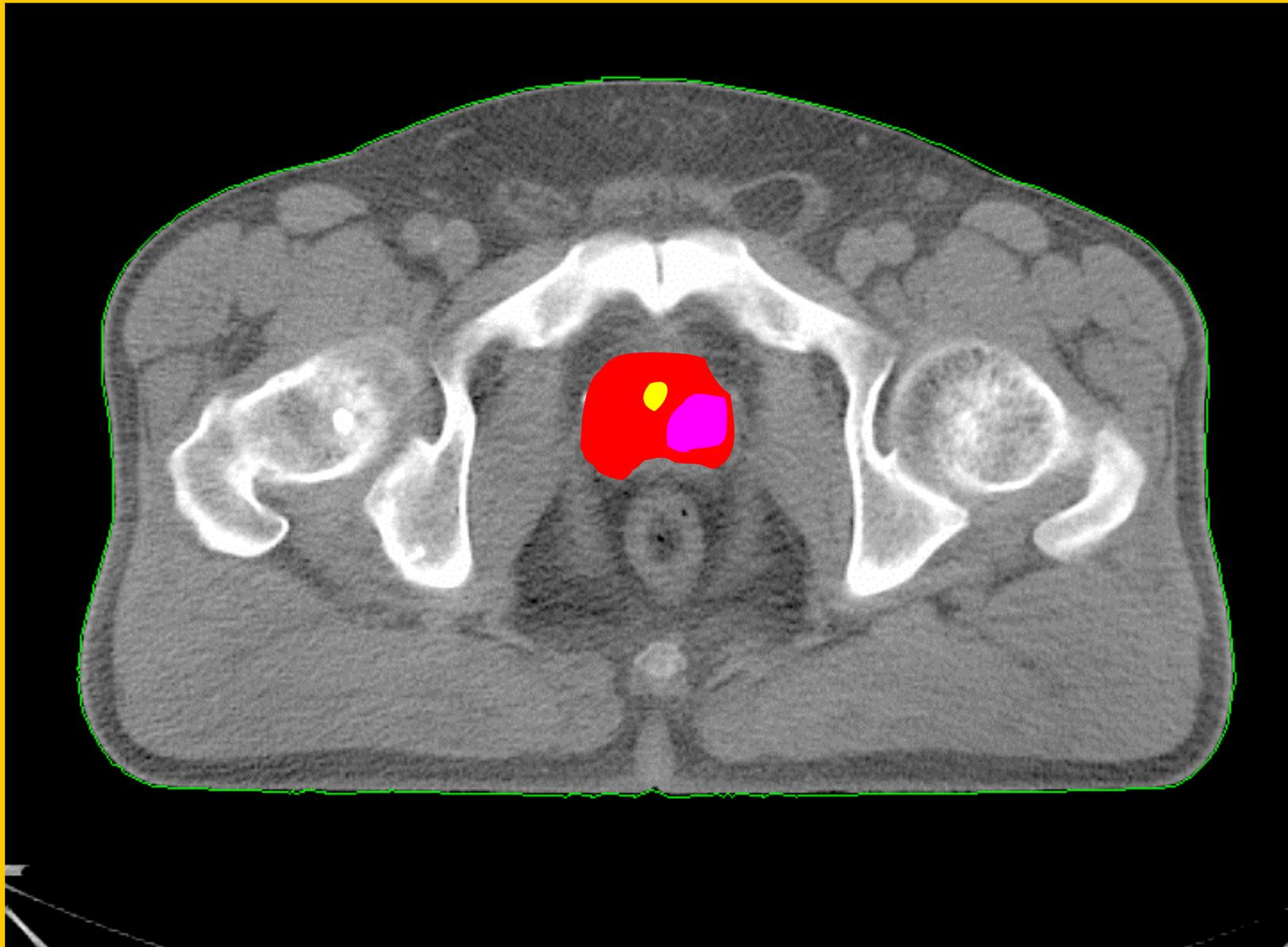
www.suedharzkrankenhaus.de



„Dose painting“ bei der IMRT-Prostatabestrahlung

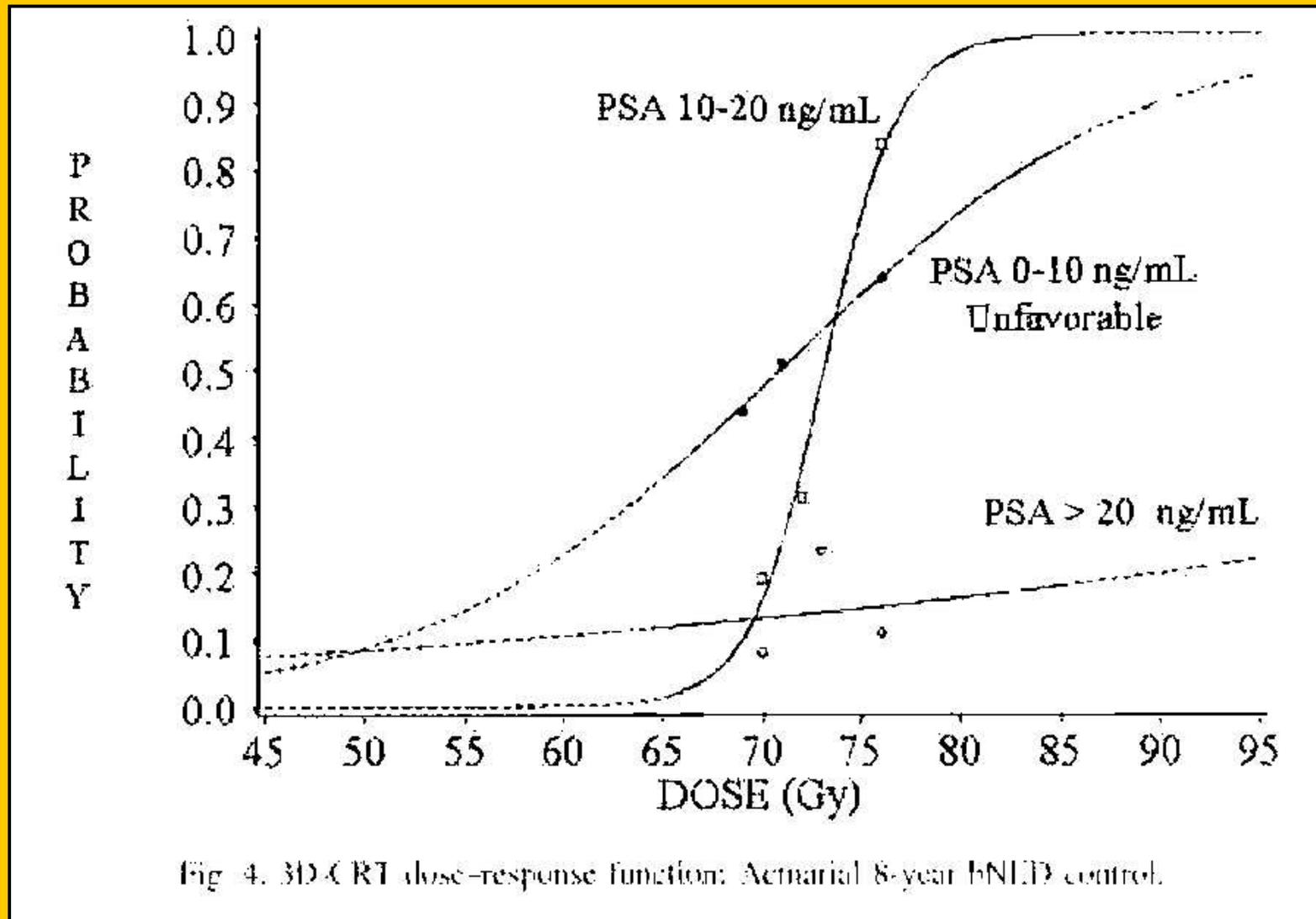


„Dose painting“



Prostata

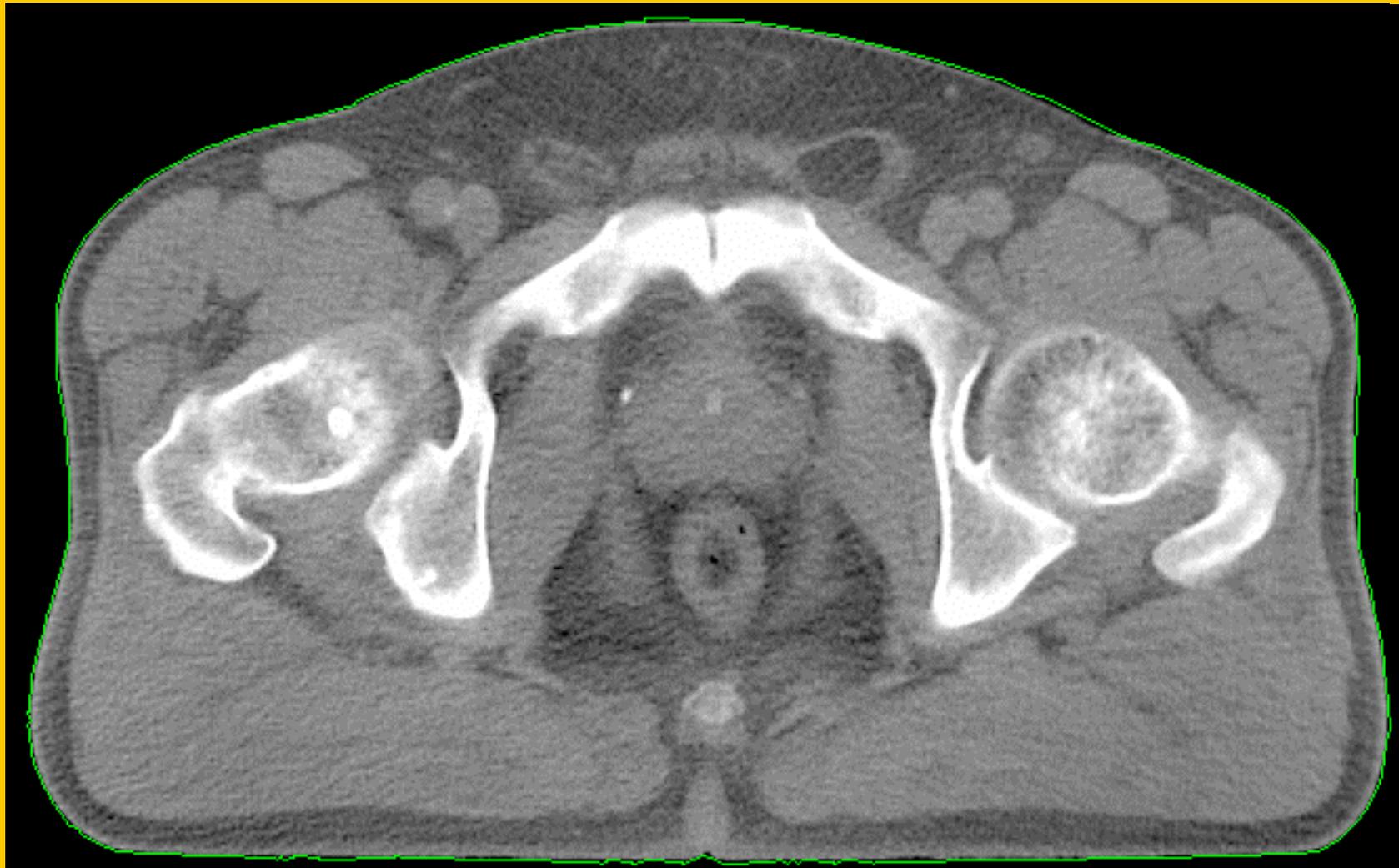
Dosis-Effekt-Kurven für verschiedene PSA Gruppen

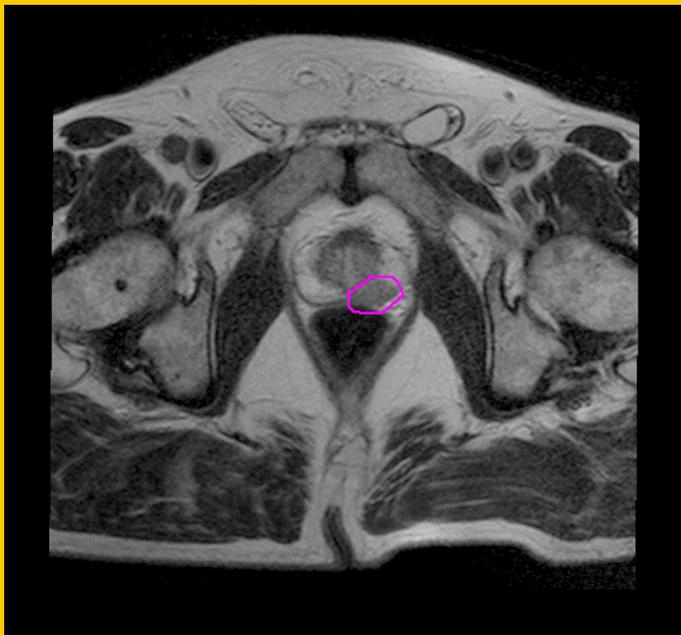


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Beispiel für die Konturierung

PTV Rectum Blase Urethra GTV





M
R
T

Z
U
R

G
T
V

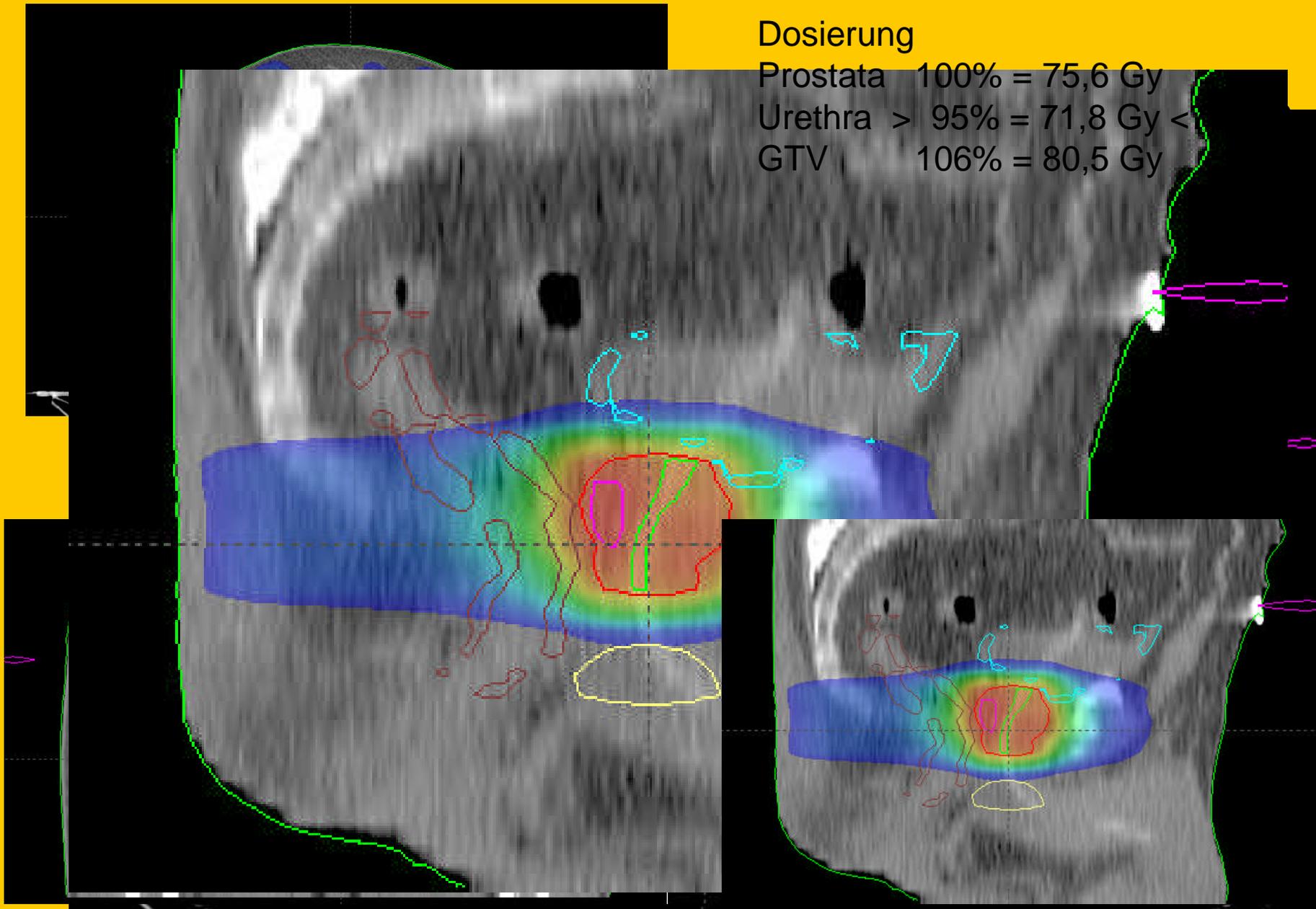
F
I
N
D
U
N
G

Dosierung

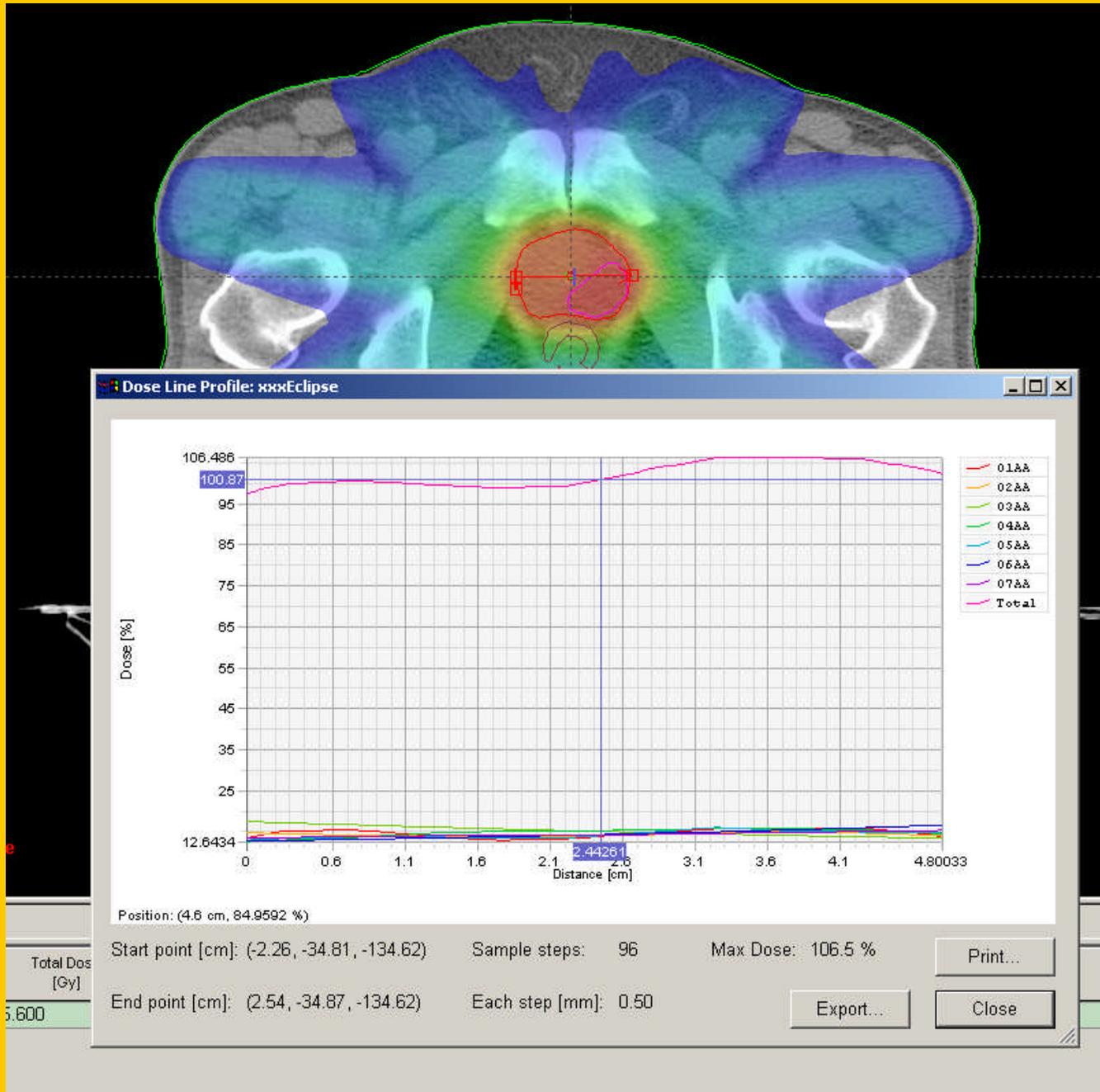
Prostata 100% = 75,6 Gy

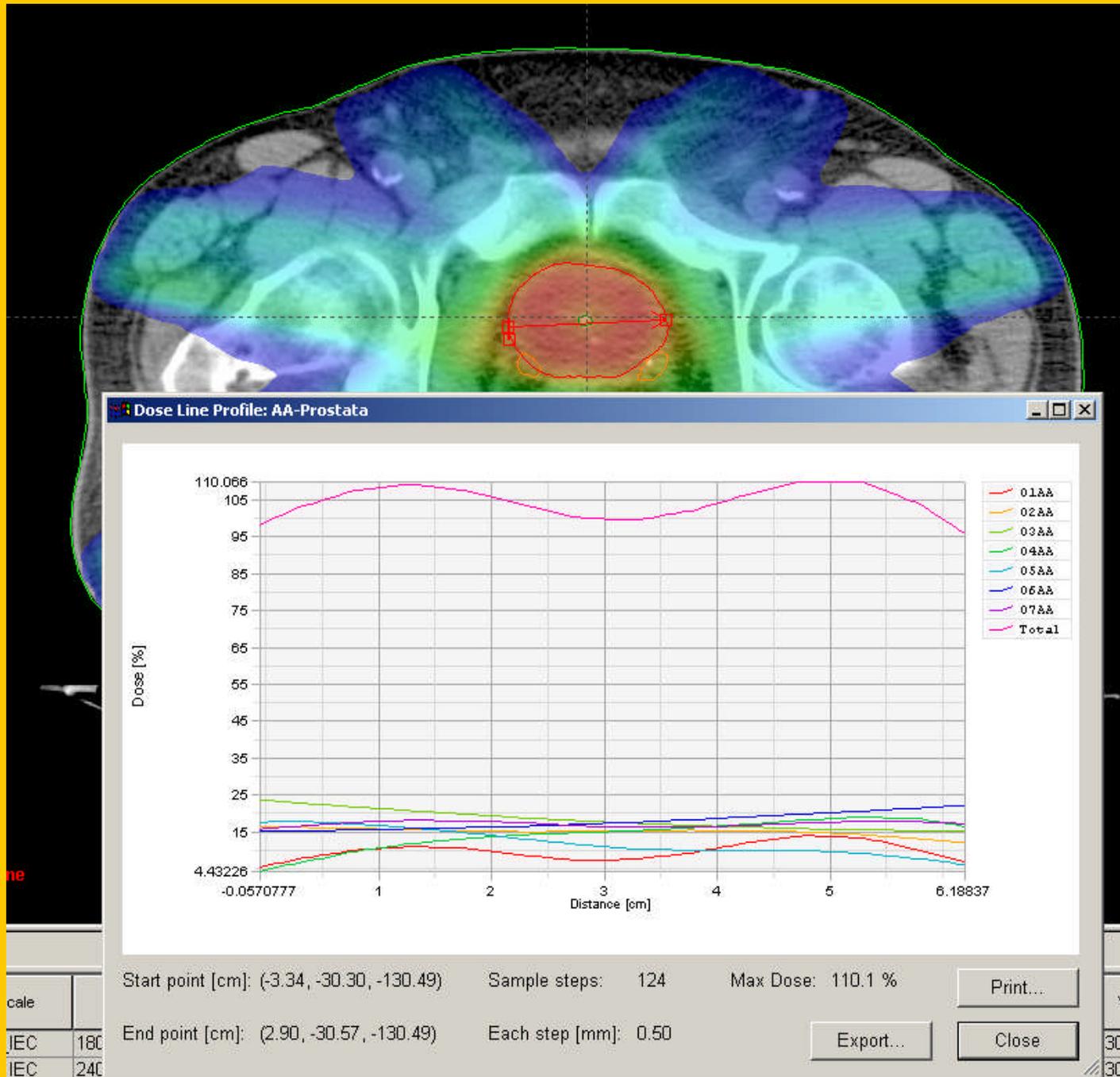
Urethra > 95% = 71,8 Gy

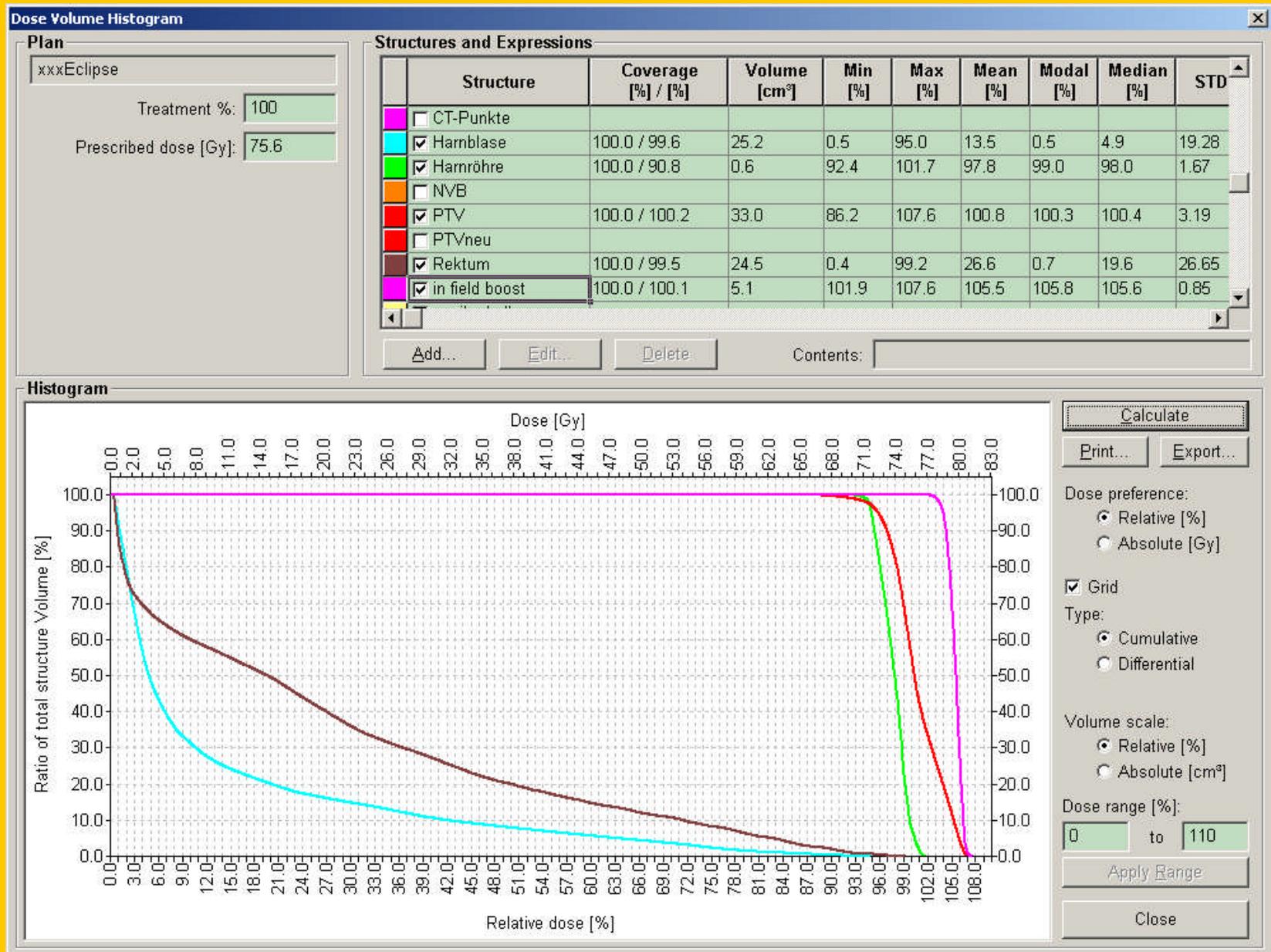
GTV 106% = 80,5 Gy





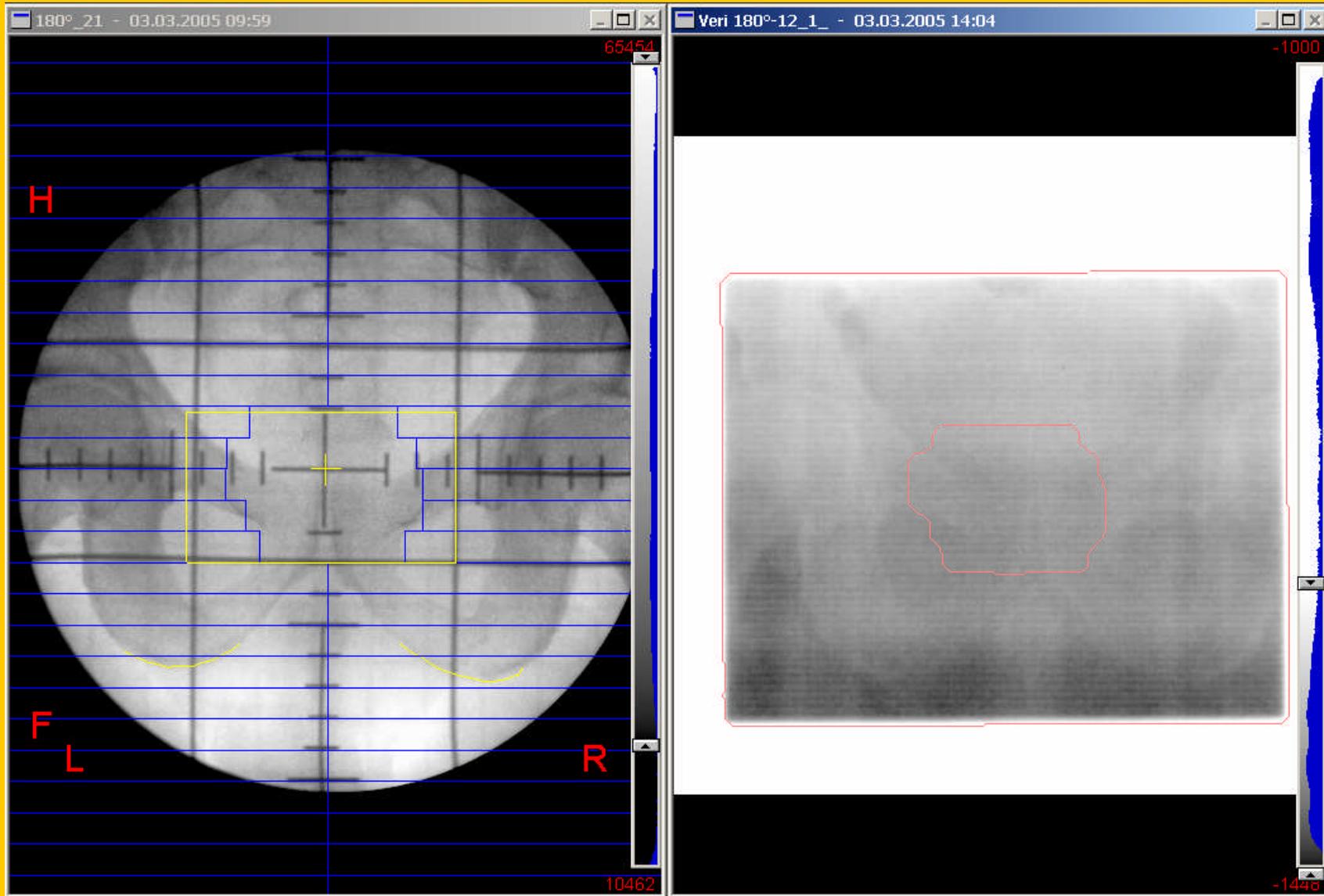






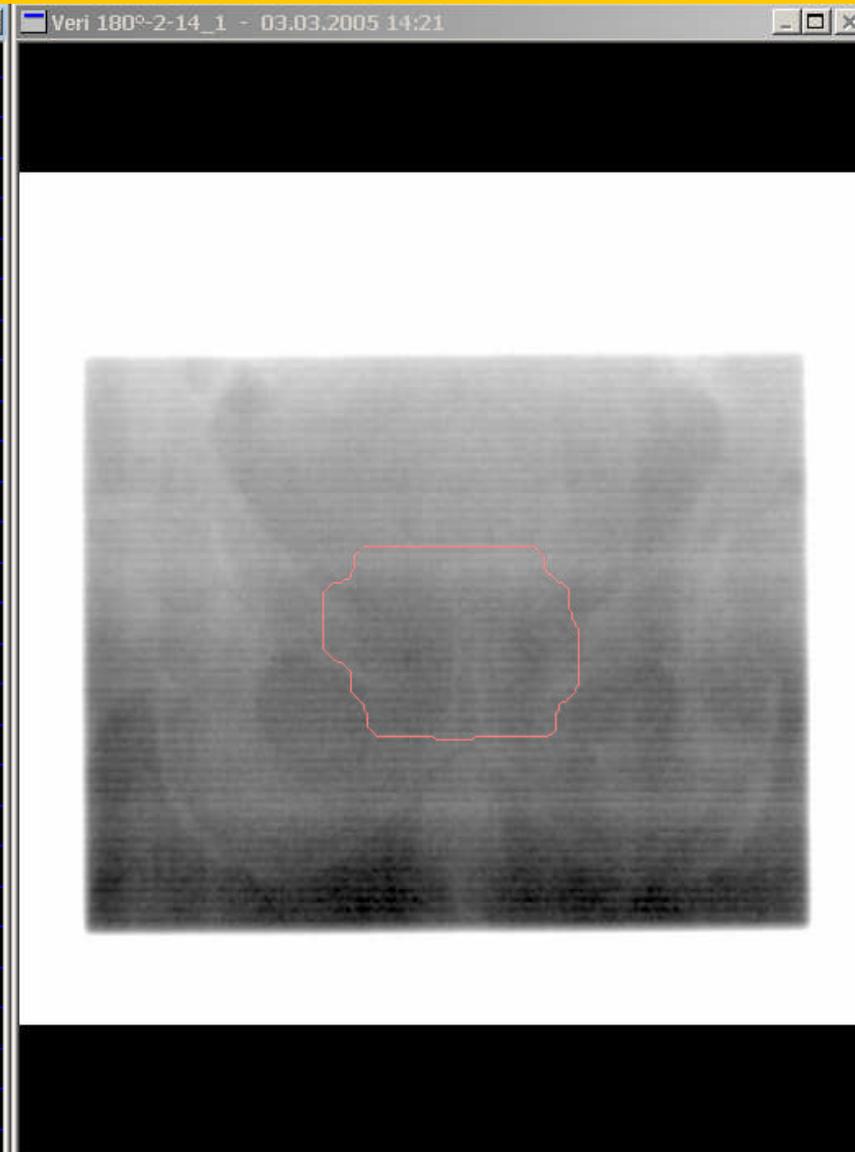
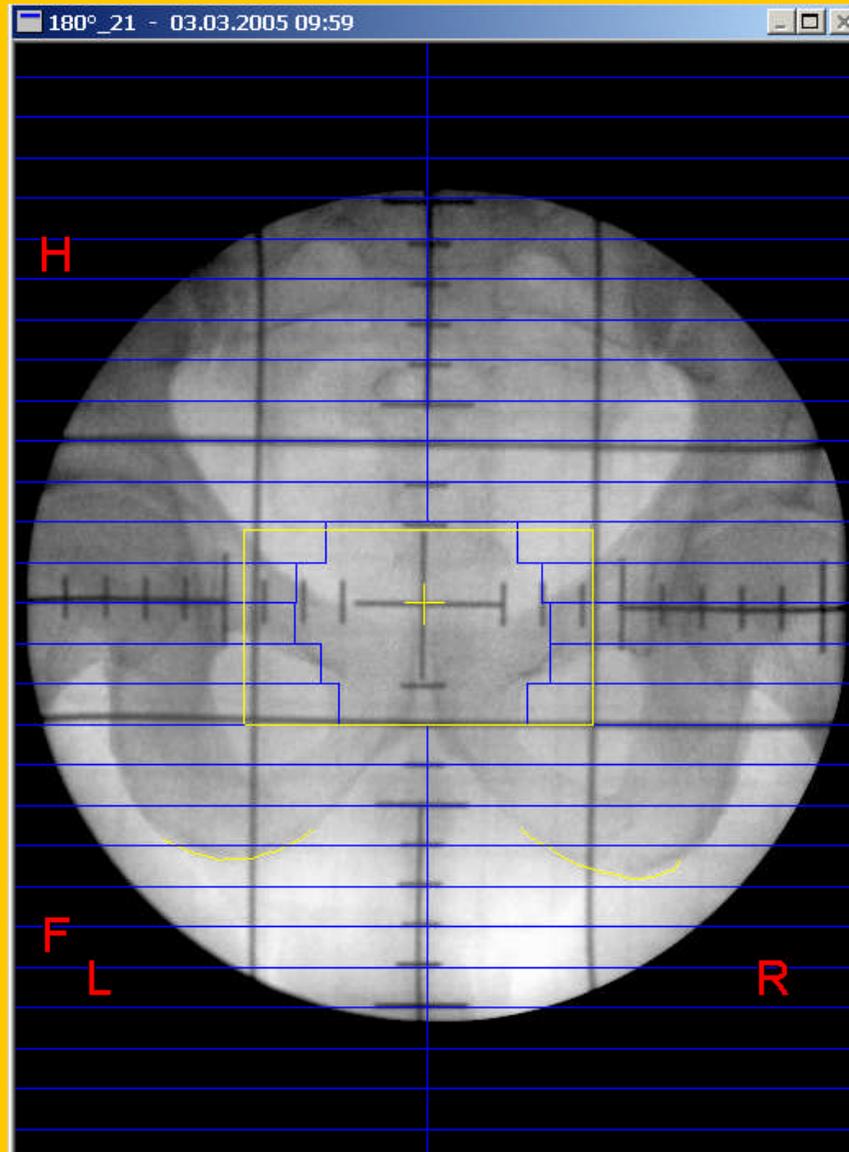
Simulationsimage

PV Image vor der Bestrahlung



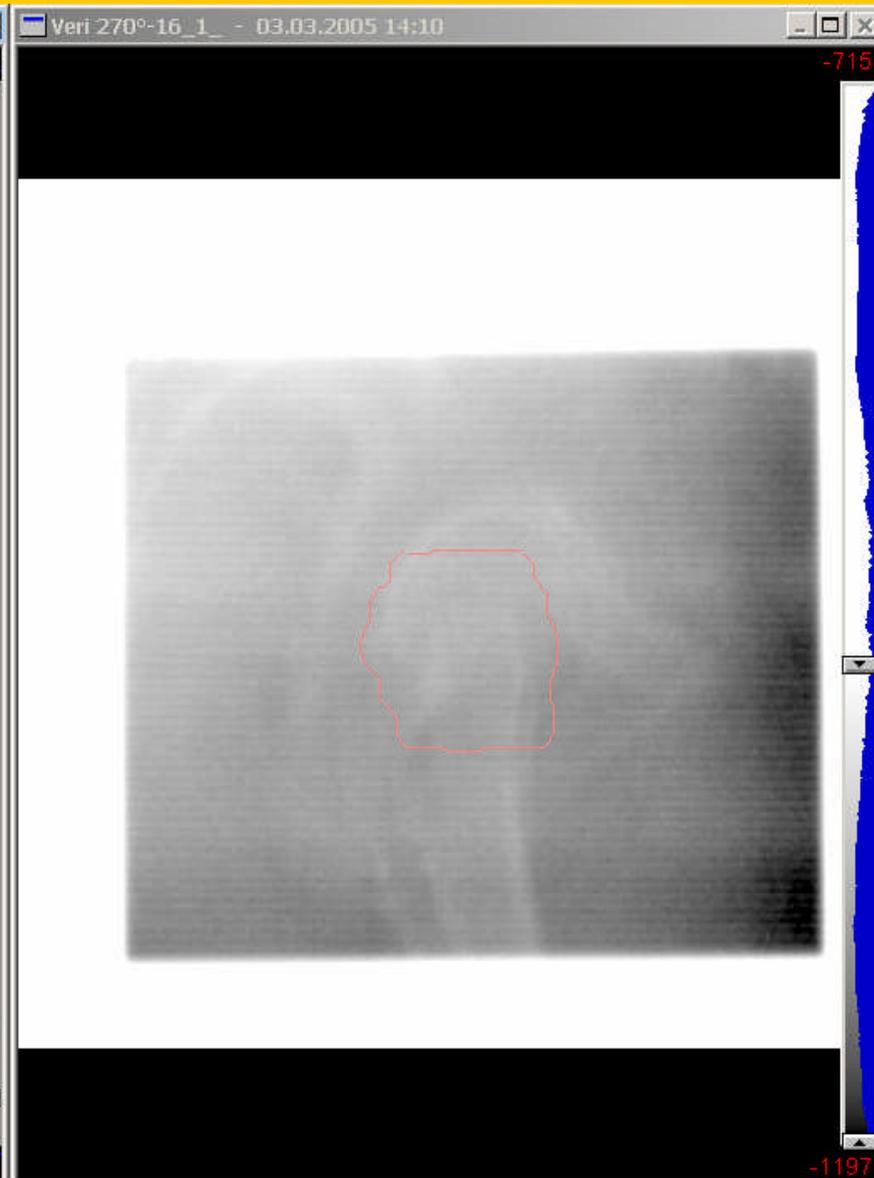
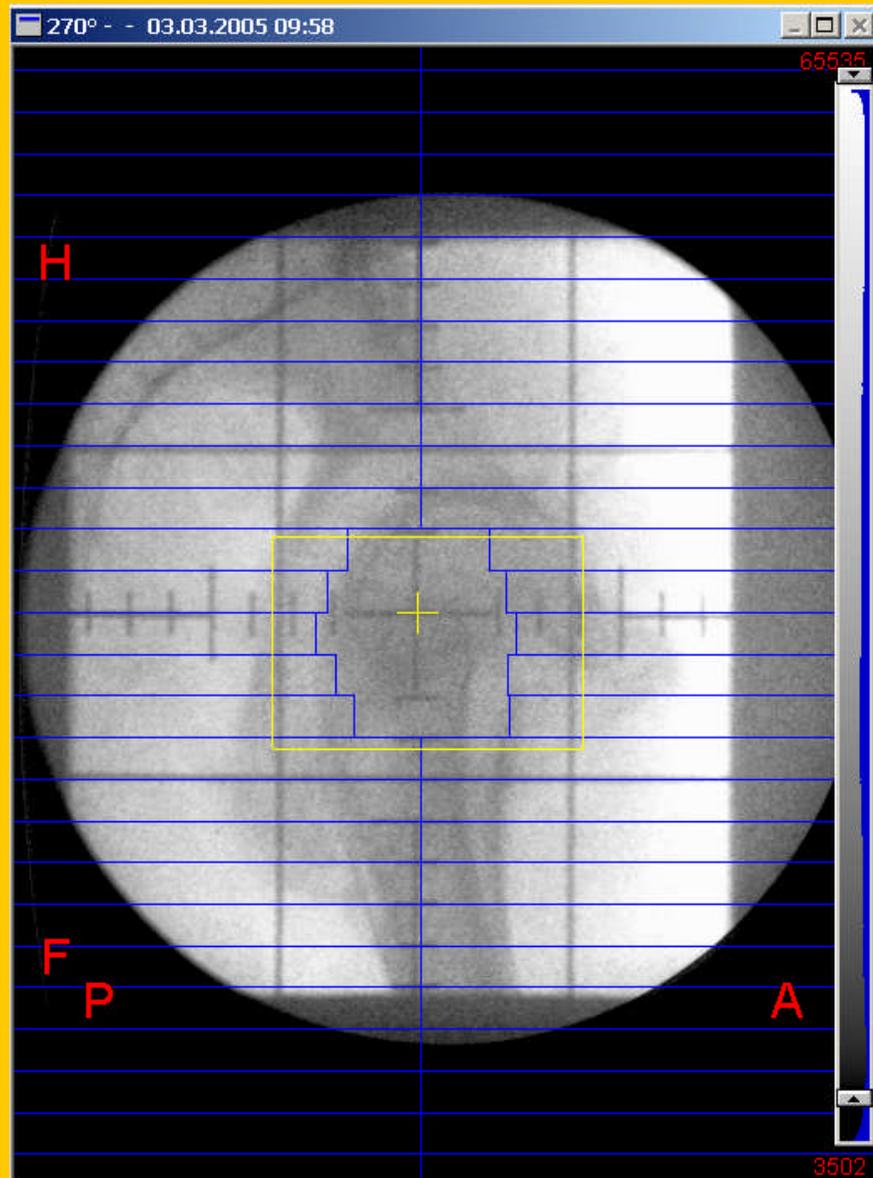
Simulationsimage

PV Image nach der Bestrahlung



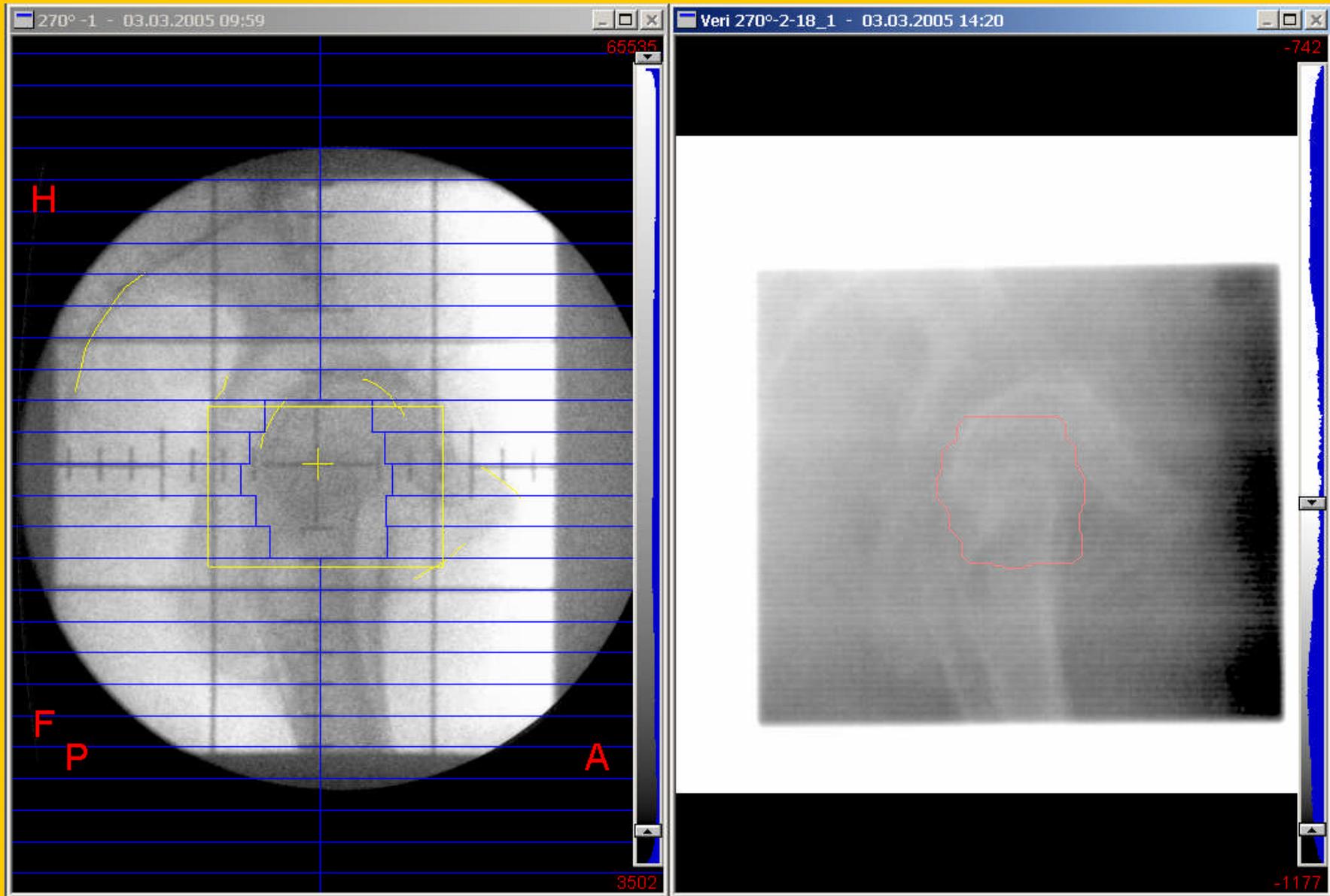
Simulationsimage

PV Image vor der Bestrahlung



Simulationsimage

PV Image nach der Bestrahlung

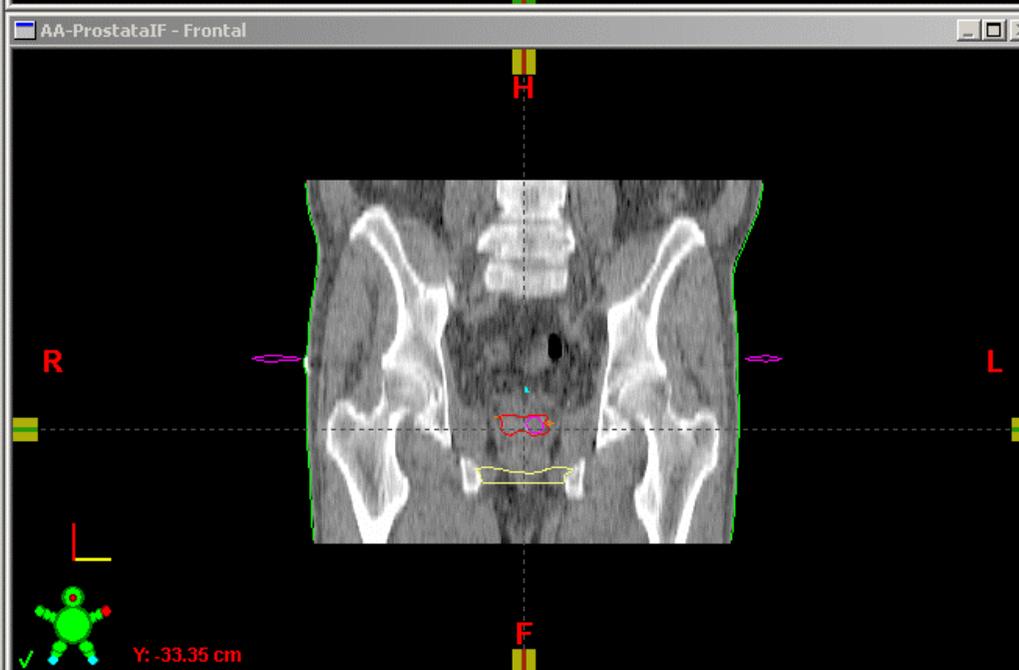
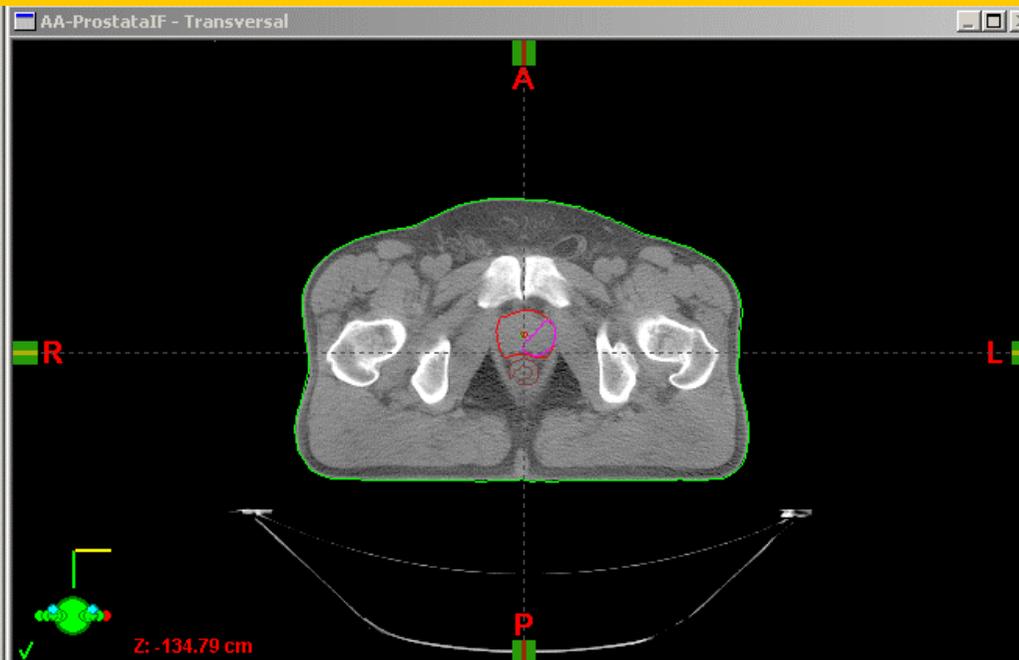


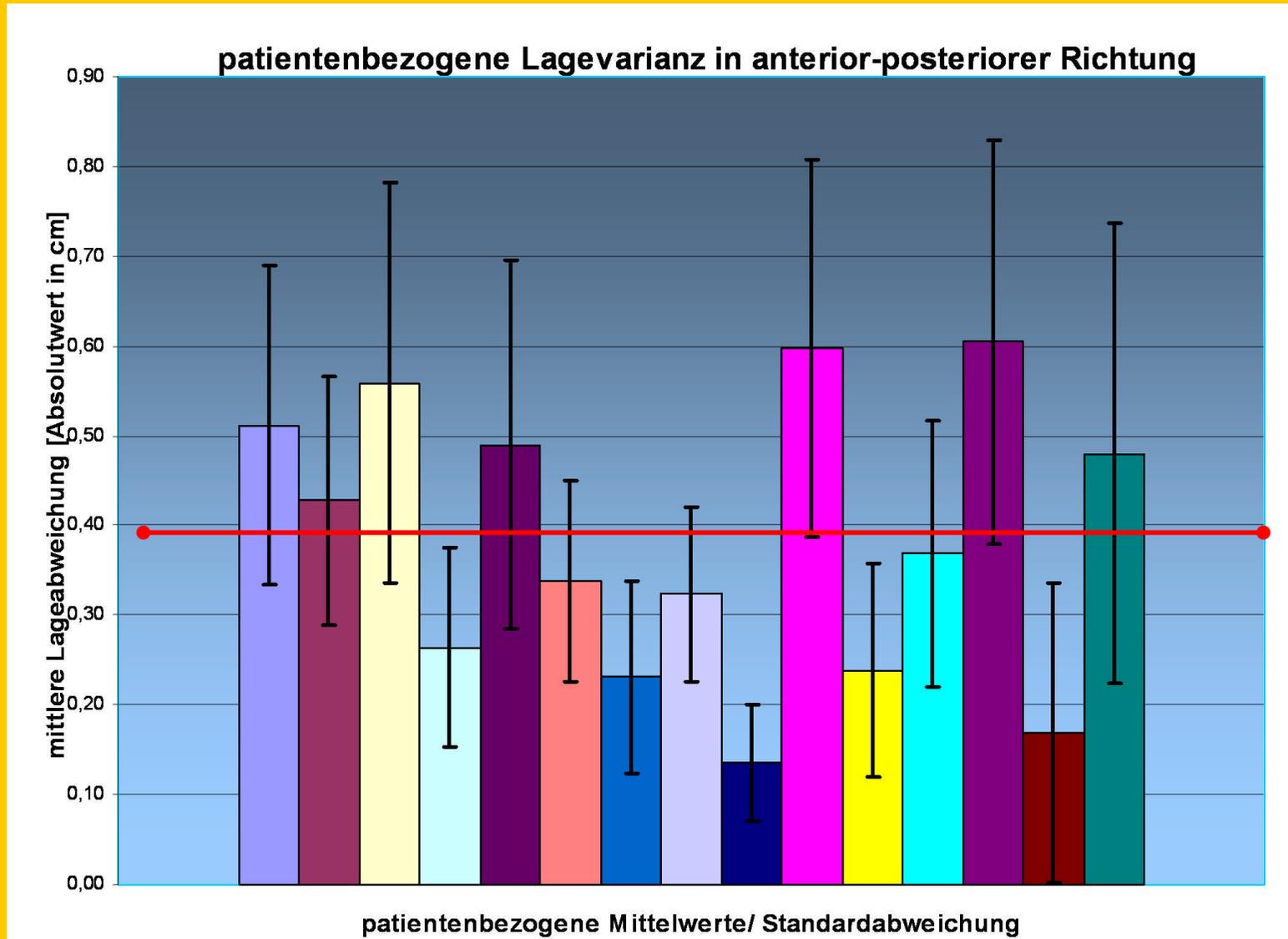
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The image displays a medical software interface for radiotherapy planning, showing two views of a prostate: a transversal view (top) and a frontal view (bottom). The left side features a hierarchical tree view of the patient's data.

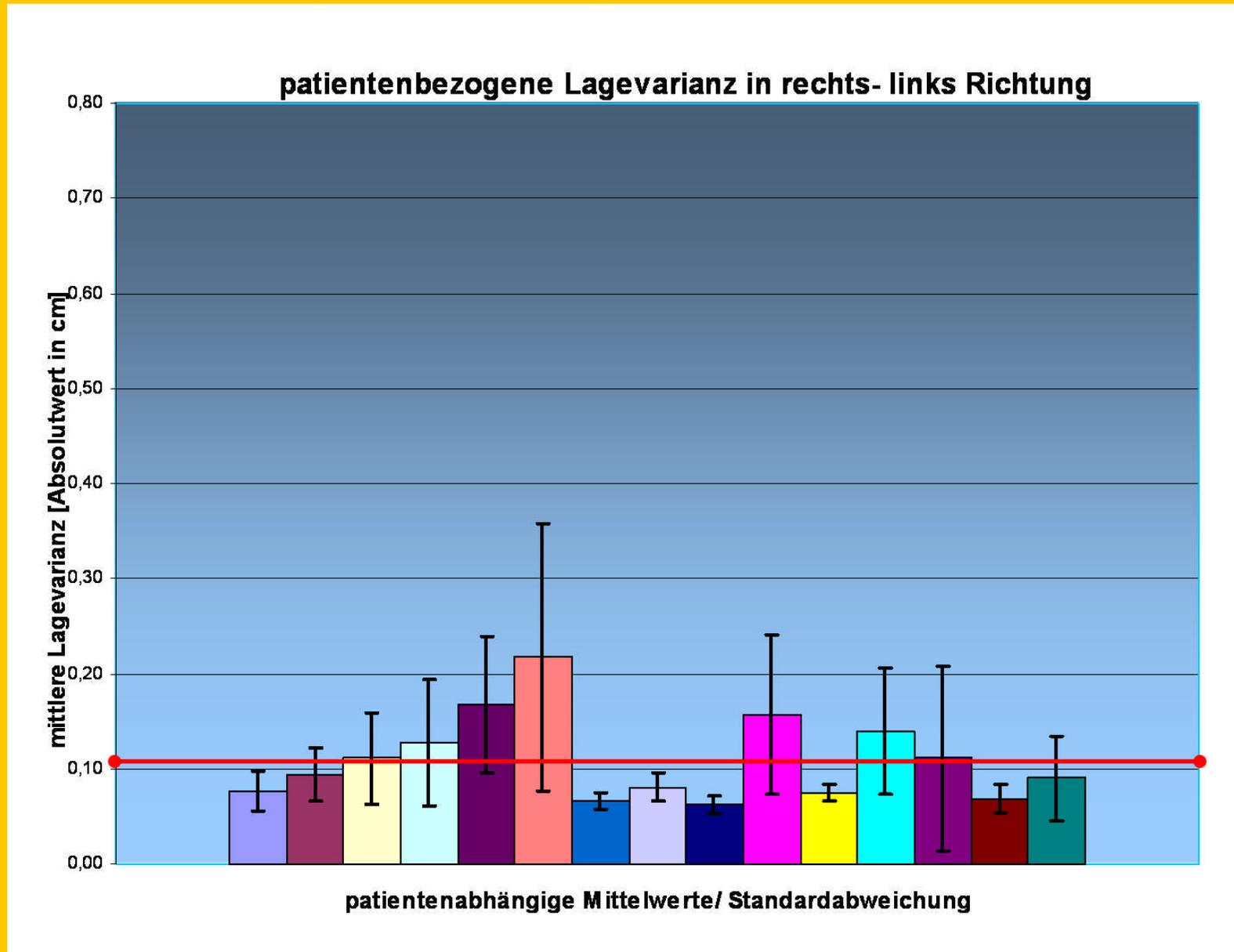
Tree View (Left):

- 200733-TH00
 - C1
 - AA-ProstataIF
 - SW5ohr
 - Test
 - Test9-Ecl
 - Test9Fgl
 - Test9Fugl1
 - Test9Fuglou
 - xxxEclipse
 - 200733-TH00
 - AA-ProstataIF
 - CT_1
 - KM-CT
 - PCT-KMCT
 - MR_T2
 - Match Result
 - 1
 - Match Result
 - MR 5mm
 - PCT-MRT
 - KCT 14.2.05
 - Match Result1
 - KCT_1
 - Match Result2
 - KCT 2.3.05
 - Match Result 3
 - Structures and Layers
 - Body
 - CT-Punkte
 - Hamblase
 - Hamröhre
 - NVB
 - PTV
 - PTVneu
 - Rektum
 - in field boost
 - peniler bulb
 - Boluses
 - User Origin
 - Reference Points
 - Prostata

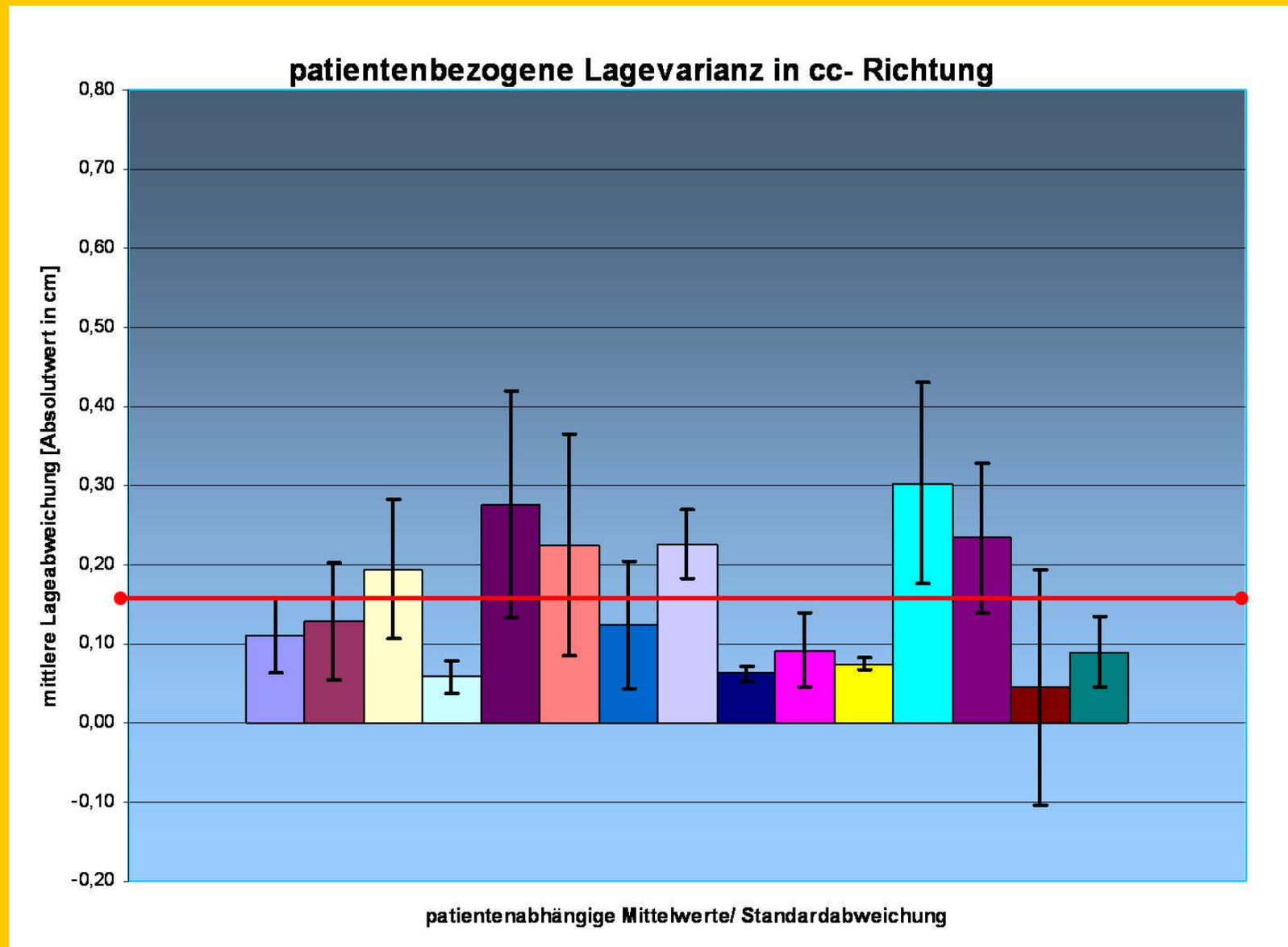




Mittelwert: 0,39 cm

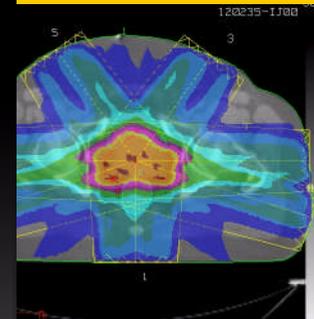
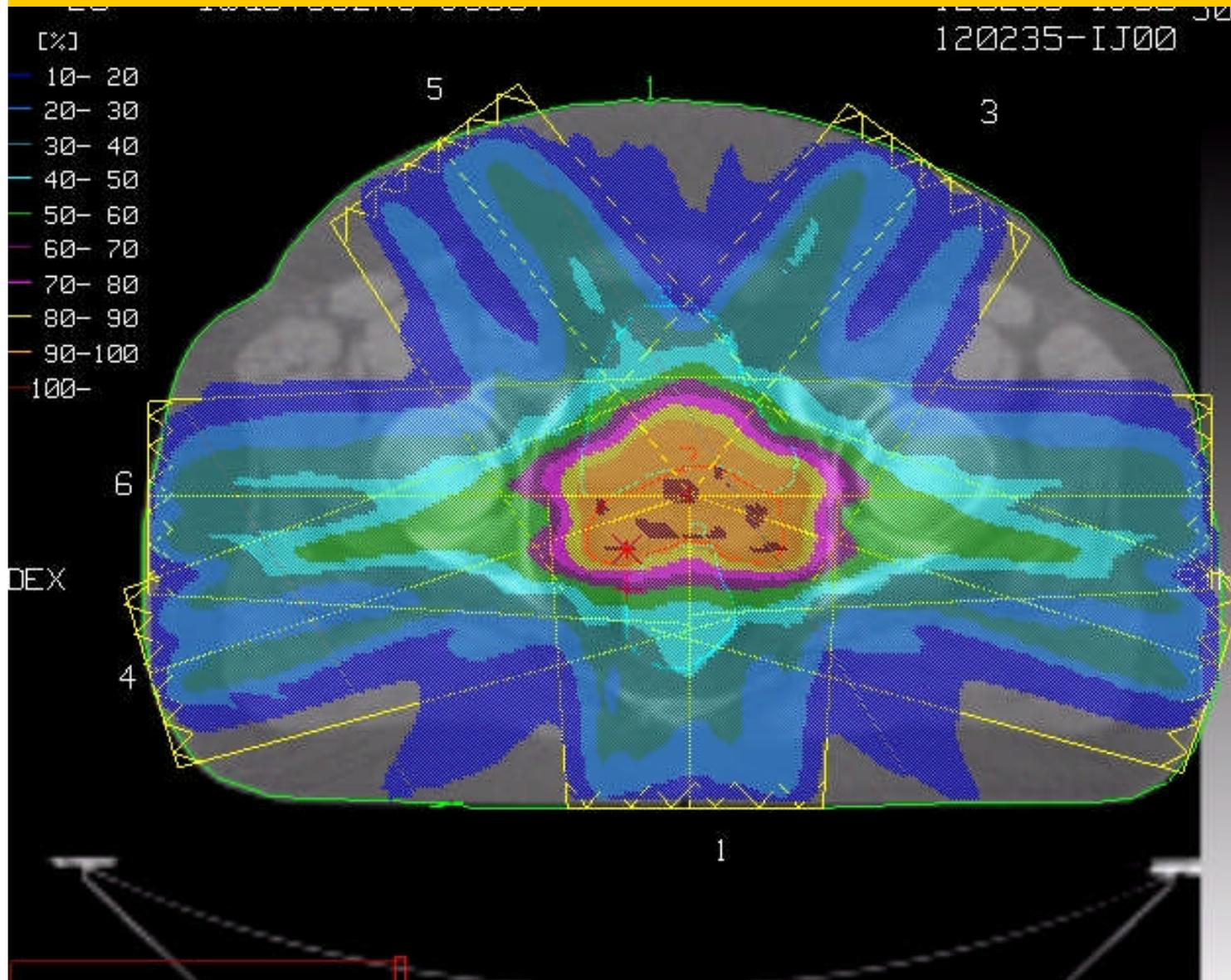


Mittelwert: 0,11 cm



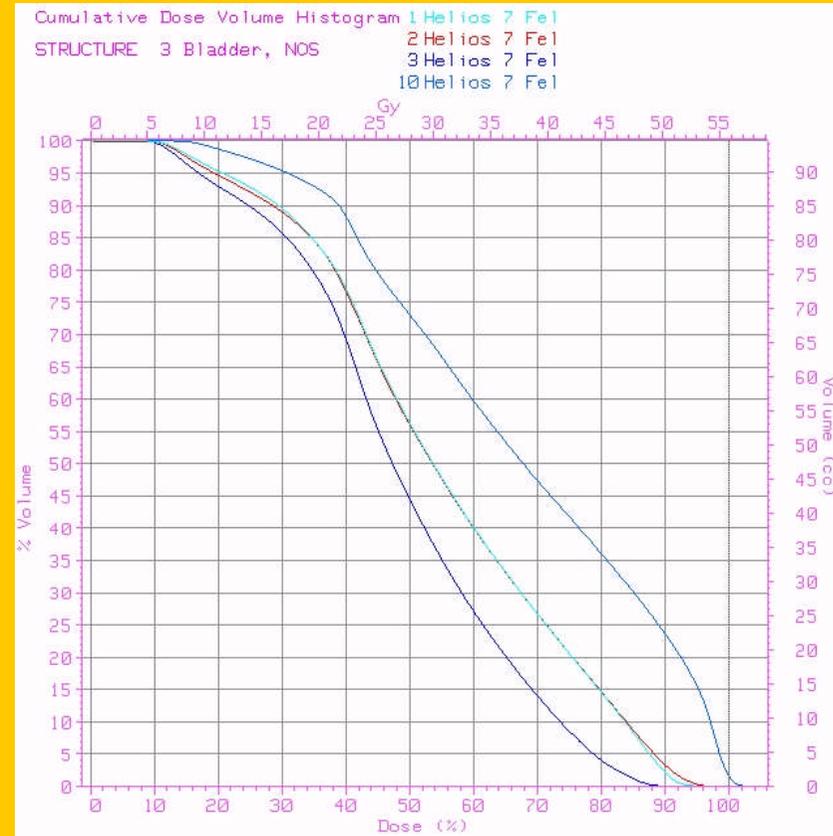
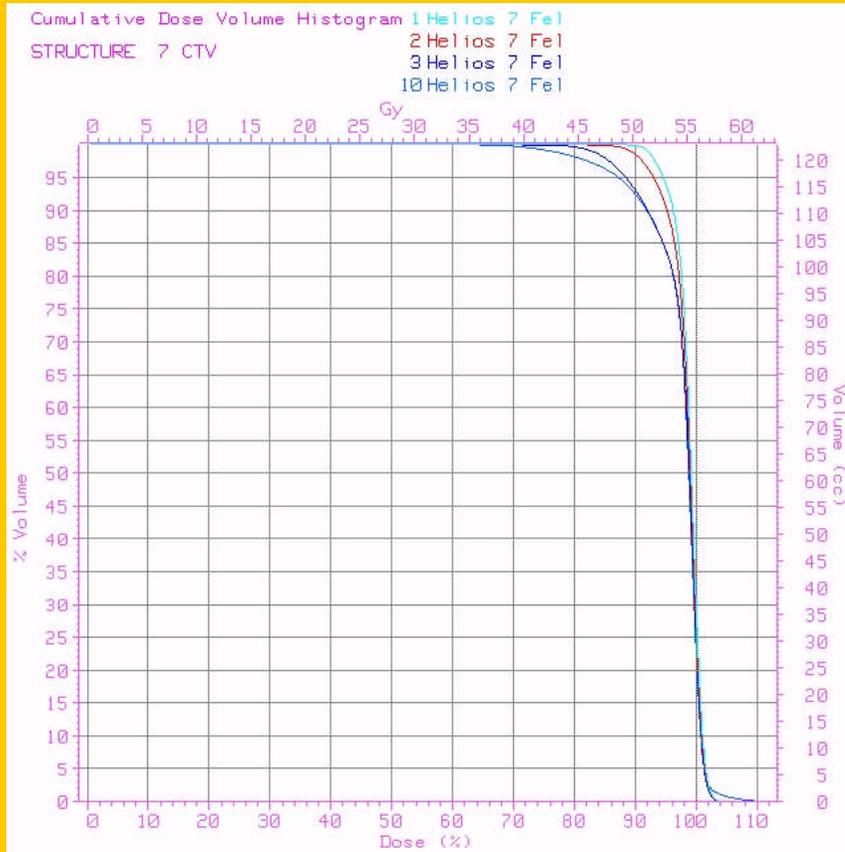
Mittelwert: 0,16 cm

Beispiel: Prostata dynamisch sliding window

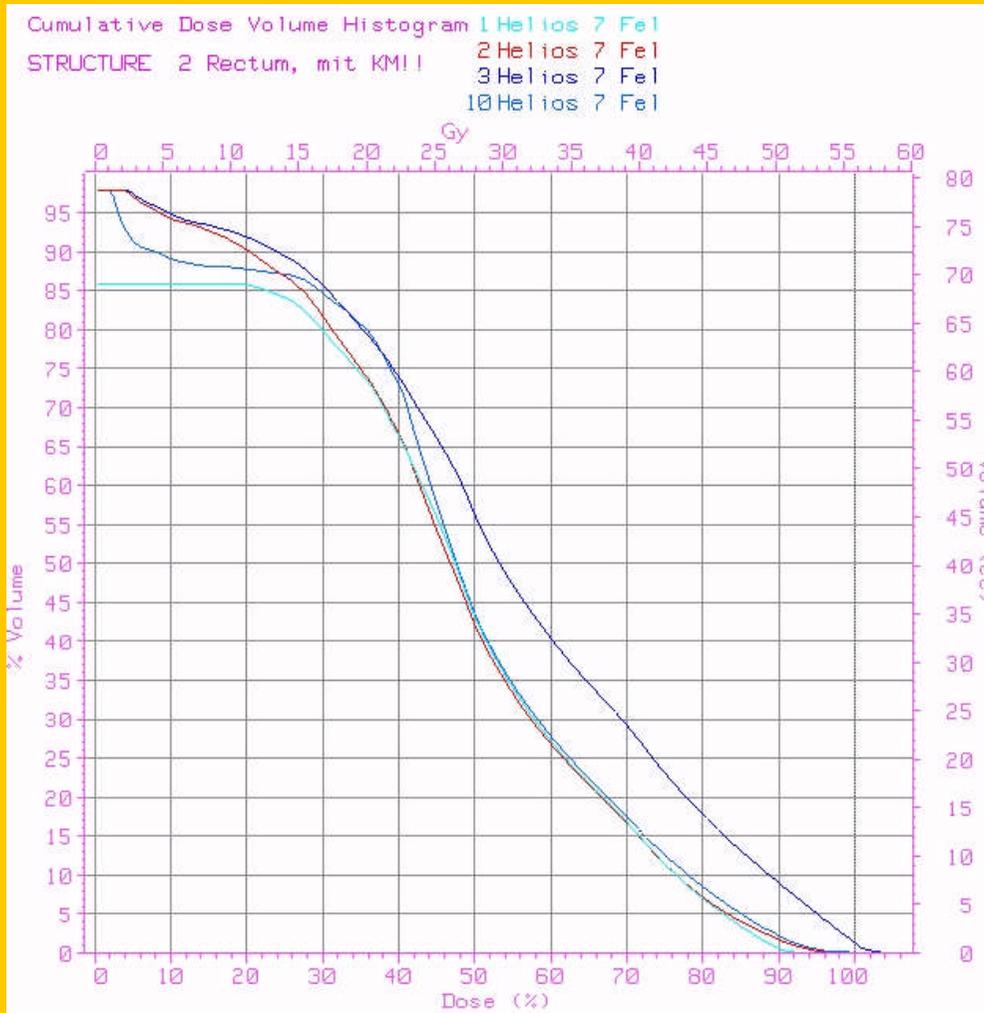


m horizontal

Beispiel: Prostata dynamisch sliding window



Beispiel: Prostata dynamisch sliding window





Noch
Fragen ???

Danke
für
Ihre Aufmerksamkeit