



INTERNATIONALE AKADEMIE FÜR PATHOLOGIE
DEUTSCHE ABTEILUNG e.V.
INTERNATIONAL ACADEMY OF PATHOLOGY
GERMAN DIVISION INC.

Klinische Angaben

Lehrserie Nr. 289

Prostate

von:

**G. Kristiansen, Bonn, L. Egevad, SE-
Stockholm, 2015 Update (Die Lehrserie steht
ausschließlich digital zur Verfügung)**

Fallanamnesen:

Fall 01

Age:

61 years

Clinical data:

PSA: 9.93 ng/ml. Suspicious DRE on the right side.

Topography:

prostate biopsy, right lobe.

Staining

H&E

Fall 02

Age:

51 years

Clinical data:

PSA highly elevated, suspicious DRE.

Topography/sample type:

TRUS-guided prostate biopsy.

Staining:

H&E

Fall 03

Age:

74 years

Clinical data:

BPH.

Topography/sample type:

TUR-P.

Staining:

H&E

Fall 04_Scans_Egevad

Age:

57 years

Clinical data:

S-PSA 2.7 ng/ml, PSA ratio 0.13. DRE: T1c.

Topography / sample type:

Transrectal 8-core biopsy.

Staining:

H&E + IHC for p63 + p504s (AMACR)

Fall 05_Scans_Egevad

Age:

57 years

Clinical data:

S-PSA 2.7 ng/ml, PSA ratio 0.13. DRE: T1c.

Topography / sample type:

Transrectal 8-core biopsy.

Staining:

H&E + IHC for p63 + p504s (AMACR)

Fall 06_Scans_Egevad

Age:

54 years

Clinical data:

S-PSA 4.1 ng/ml, PSA ratio 0.17, T1c.

Topography / sample type:

Transrectal 10-core biopsy.

Staining:

H&E

Fall 07_Scans_Egevad

Age:

80 years

Clinical data:

Micturition problems. TUR-P is performed.

Topography / sample type:

TUR-P specimen.

Staining:

H&E

Fall 08_Scans_Egevad

Age:

79 years

Clinical data:

S-PSA 9.3 ng/ml, PSA ratio 0.30. No palpable lesion.

Topography / sample type:

Transrectal 8-core biopsy.

Staining:

H&E

Fall 09a

Age:

61 years

Suspicious for prostate cancer

Topography/sample type:

TRUS-guided prostate biopsy

Staining:

a) H&E

Fall 09b_AMACR-p63

Age:

61 years

Suspicious for prostate cancer

Topography/sample type:

TRUS-guided prostate biopsy

Staining:

b) AMACR (Alpha-methylacyl-CoA racemase)-p63

Fall 10a

Age:

57 years

Clinical data:

PSA 1.8 ng/ml, DRE: non suspicious, prostate enlarged.

Topography/sample type:

TUR-P

Staining:

a) H&E

Fall 10b_AMACR-p63

Age:

57 years

Clinical data:

PSA 1.8 ng/ml, DRE: non suspicious, prostate enlarged.

Topography/sample type:

TUR-P

Staining:

b) p63/AMACR

Fall 11

Age:

67 years

Clinical data:

PSA 7.71 ng/l, prostate volume: 40 ml, suspicious biopsy

Topography/sample type:

Transrectal ultrasound guided Prostate biopsy (TRUS-PB)

Staining:

H&E

Fall 12a

Age:

60 years

Clinical data:

PSA 2.3 ng/ml, DRE: non suspicious, prostate enlarged, prostate volume 83 ml. LUTS (lower urinary tract symptoms).

Topography/sample type:

TUR-P

Staining:

a) H&E

Fall 12b_AMACR-p63

Age:

60 years

Clinical data:

PSA 2.3 ng/ml, DRE: non suspicious, prostate enlarged, prostate volume 83 ml. LUTS (lower urinary tract symptoms).

Topography/sample type:

TUR-P

Staining:

b) AMACR -p63

Fall 13a

Age:

63 years

Clinical data:

PSA 4.98 ng/ml, prostate volume 49 ml, DRE non suspicious

Topography / sample type:

transrectal prostate biopsy (TRUS-PB)

Staining:

a) H&E

Fall 13b_CK5-6

Age:

63 years

Clinical data:

PSA 4.98 ng/ml, prostate volume 49 ml, DRE non suspicious

Topography / sample type:

transrectal prostate biopsy (TRUS-PB)

Staining:

b) CK5/6

Fall 14

Age:

72 years

Clinical data:

Suspicious for prostate carcinoma

Topography / sample type:

Prostate biopsy

Staining:

H&E

Fall 15

Age:

71 years

Clinical data:

PSA 5.34 ng/ml, DRE: non suspicious, prostate volume 45 ml.

Topography/sample type:

TRUS-PB

Staining:

H&E

Fall 16a

Age:

60 years

Clinical data:

PSA 2.03 ng/ml, DRE non suspicious, prostate volume 82 ml. Dysuria.

Topography/sample type:

TUR-P

Staining:

a) H&E

Fall 16b_AMACR-p63

Age:

60 years

Clinical data:

PSA 2.03 ng/ml, DRE non suspicious, prostate volume 82 ml. Dysuria.

Topography/sample type:

TUR-P

Staining:

b) AMACR-p63

Fall 17a

Age:

63 years

Clinical data:

PSA 3.2 ng/ml, prostate volume 40 ml, DRE: non suspicious

Topography/sample type:

Transrectal Prostate biopsy

Staining:

a) H&E

Fall 17b_PIN4

Age:

63 years

Clinical data:

PSA 3.2 ng/ml, prostate volume 40 ml, DRE: non suspicious

Topography/sample type:

Transrectal Prostate biopsy

Staining:

b) PIN4 (p63, Cytokeratin 5 & 14 (HMW), p504S (AMACR))

Fall 18a

Age:

67 years

Clinical data:

PSA 5 ng/ml

Topography / sample type:

Transrectal prostate biopsy (TRUS-PB)

Staining:

a) H&E

Fall 18b_PIN4

Age:

67 years

Clinical data:

PSA 5 ng/ml

Topography / sample type:

Transrectal prostate biopsy (TRUS-PB)

Staining:

b) PIN4

Fall 19

Age:

70 years

Clinical Data:

PSA 3,29 ng/ml, prostate volume 29 ml

Topography / sample type:

TRUS-guided prostate biopsy

Staining:

H&E

Fall 20

Age:

51 years

Clinical Data:

PSA: 4,6 ng/ml, prostate volume 35 ml

Topography / sample type:

Prostate biopsy

Staining:

H&E

Fall 21

Age:

88 years

Clinical data:

TUR-P

Topography / sample type:

TUR-P.

Staining:

H&E.

Fall 22

Age:

84 years

Clinical Data:

Obstructive voiding dysfunction.

Topography / sample type:

TUR-P.

Staining:

H&E

Fall 23

Age:

69 years

Clinical Data:

PSA: 117 ng/ml. positive DRE, prostate volume 33 ml

Topography / sample type:

Prostate biopsy

Staining:

H&E

Fall 24

Age:

63 years

Clinical Data:

serum PSA elevation.

Topography / sample type:

Prostate biopsy

Staining:

H&E

Fall 25

Age:

41 years

Clinical Data:

PSA: 3.4 ng/ml. DRE: negative. Prostate volume 23 ml.

Topography / sample type:

Prostate biopsy

Staining:

H&E

Fall 26

Age:

73 years

Clinical data:

PSA 5.7 ng/ml, prostate volume 67 ml, DRE suspicious for carcinoma

Topography / sample type:

TRUS-guided prostate biopsy

Staining:

H&E

Fall 27

Age:

83 years

Clinical data:

BPH

Topography / sample type:

TUR-P

Staining:

H&E

Fall 28

Age:

65 years

Clinical data:

PSA preoperatively 5.2 ng/ml

Topography / sample type:

Robotic assisted RPE.

Staining:

H&E