



OncoDiagnostic Laboratory, Inc.

Diagnostic Cytology, Histology, and Molecular Pathology

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Account Name & Address

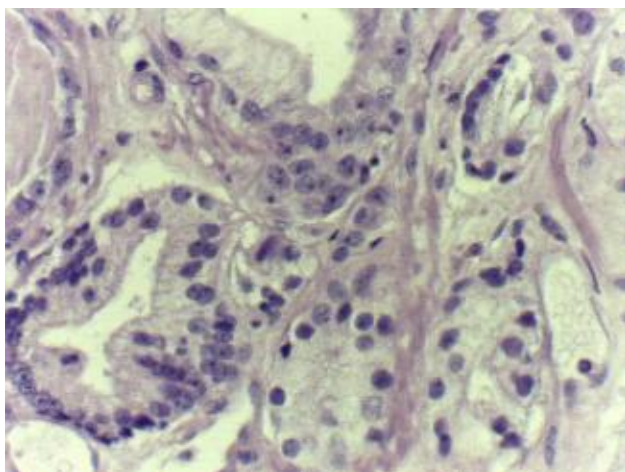
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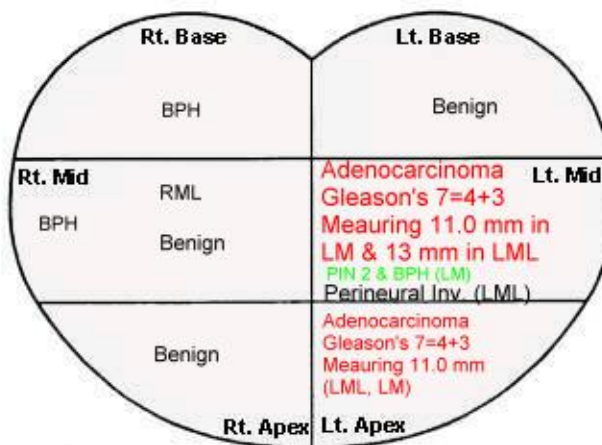
Referring Physician:

Patient Name: DOE, JOHN
Case Number: S2001-010090
Soc. Sec. No: 463388815
Date of Birth: 04 17 1930
Age: 71
Sex: M
Collection Date: 12 12 2001
Date Received: 12 17 2001

Image



AdenoCA; 7=4+3 (5 LA) (Mag.x 400)



Diagnosis Summary

Diagnosis

- PROSTATE, LEFT (5LA, 6LM, 7LB & 8LML), CORE BIOPSIES WITH WASHINGS SHOWING:
- POORLY TO MODERATELY DIFFERENTIATED ADENOCARCINOMA, PREDICTED GLEASON'S SCORE 7=4+3, INVOLVING THREE CORES WITH COMBINED MEASUREMENT OF 35.0 mm (5LA - 11.0 mm; 6LM - 11.0 mm; 8LML - 13.0 mm).
 - FOCAL HIGH GRADE LARGE ACINAR DYSPLASIA (PIN 2) IN 5LA & 6LM.
 - FOCAL PERINEURAL INVASION (8LML).
 - BENIGN PROSTATIC HYPERPLASIA.

- PROSTATE, RIGHT (1RA, 2RM, 3RB & 4RML), CORE BIOPSIES WITH WASHINGS SHOWING:
- FOCAL BENIGN PROSTATIC HYPERPLASIA (2RM).
 - BENIGN, REACTIVE AND ATROPHIC EPITHELIAL CHANGES.

CIRILO F. GALANG, M.D.
 (Signed Out 12 18 2001)

Comment

We have the capability to perform morphometric tumor analysis for DNA ploidy on cytology specimens as well as core biopsy specimens. Please call us at 800-527-6446 if morphometric tumor analysis for DNA ploidy is desired in this case.

Gross Description

Received are eight containers with prostatic core biopsy specimen fixed in Oncofix II. Each container is labeled with biopsy site or the number which is designated with biopsy site on the test requisition. The number of tissue fragments in each container is as follows: The specimen from 1RA consists of two cores of white, soft tissue. The specimen from 2RM, 3RB, 5LA, 6LM, 7LB and 8LML consists of one core each of white, soft tissue. The specimen from 4RML consists of two cores and fragments of white, soft tissue. Each specimen is entirely submitted for sectioning and the fixative fluid is cytopinned for cytologic examination.

Microscopic

Slides 1RA, 2RM, 3RB & 4RML (right core biopsies) show eleven, ten, twelve and ten serial level sections respectively demonstrating benign, reactive and atrophic glandular complexes with preserved architecture. Additionally, focal benign prostatic hyperplasia is present in 2RM. The combined washings (X4) show marginal cellularity demonstrating variably sized sheets and clusters of benign and focally reactive prostatic glandular epithelial complexes with preserved architecture and polarity.

Slides 5LA, 6LM, 7LB & 8LML (left core biopsies) show ten, eight, ten and eight serial level sections respectively demonstrating poorly to moderately differentiated infiltrating adenocarcinoma with focal desmoplastic reaction corresponding to Gleason's score 7=4+3, involving three cores with combined measurement of 35.0 millimeters is present in 5LA, 6LM & 8LML (5LA - 11.0 mm; 6LM - 11.0 mm; 8LML - 13.0 mm). Additionally, high grade PIN (PIN 2) and benign prostatic hyperplasia is present in 5LA & 6LM. Focal perineural invasion is present in 8LML. 7LB core biopsy shows benign prostatic hyperplasia with reactive and atrophic epithelial changes. The combined washings (X4) show good cellularity demonstrating cytologic observations reflective and supportive of the histologic changes described in the corresponding biopsy.

CFG/kh