

CLIA #: 31D2026917

Consulting Pathologist: Test Pathologist, MD

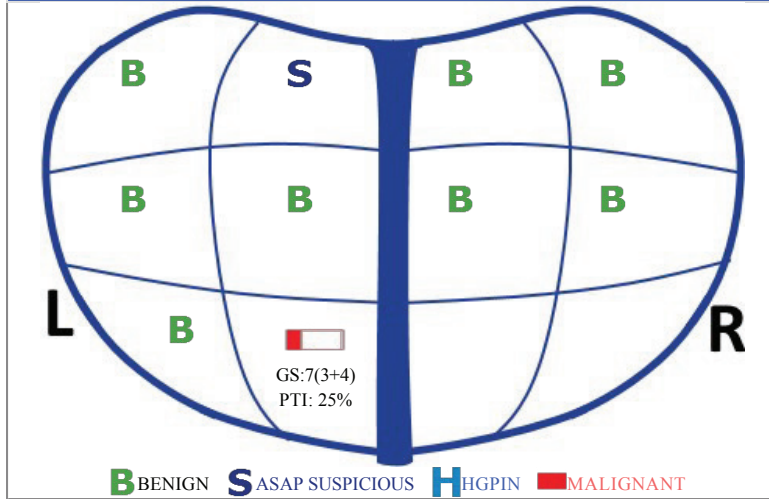
PATIENT DEMOGRAPHICS

PATIENT INFORMATION:	PHYSICIAN INFORMATION:	SPECIMEN INFORMATION:
Patient, Test DOB: 1/1/1954 Gender/Age: M/68 SS#: UN:508410083	Test Physician Test Practice 300 Columbus Circle, Suite A, Edison, NJ 08837 866.909.PATH, Fax:908-272-1478	ACCESSION #: TS22-00522 PROCEDURE DATE: 3/6/2022 DATE RECEIVED: 3/7/2022 REPORTED ON: 3/8/2022

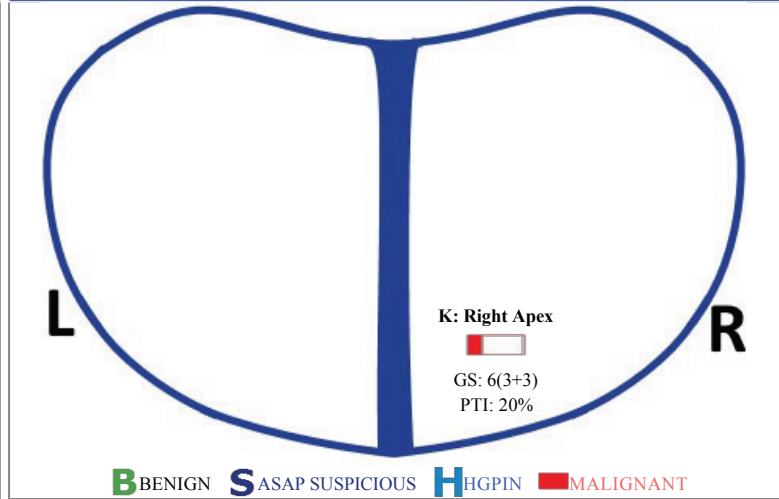
CLINICAL INFORMATION

PSA Level = 5.3 ng/mL Clinical Stage: T2c, ICD-10: C61

ULTRA SOUND GUIDED NEEDLE BIOPSIES



MRI FUSION BIOPSIES



DIAGNOSIS SUMMARY (USG BIOPSIES)

Specimen	Diagnosis	CGS*	GG**	PTI
A	Malignant	7(3+4)	2	25%
E	ASAP			

*CGS: Composite Gleason Score, **Grade Group

DIAGNOSIS SUMMARY (MRI FUSION BIOPSIES)

Specimen	Diagnosis	CGS*	GG**	PTI
K	Malignant	6(3+3)	1	20%

*CGS: Composite Gleason Score, **Grade Group

FINAL DIAGNOSIS (USG BIOPSIES)

A: Left Apex: Adenocarcinoma of prostate. Gleason Score: 7(3+4). Gleason Score 4 is 25%. Involving 25% of total surface area and 1 of 1 core. Perineural Invasion not seen.

Core#	Gleason Score	Grade Group	Tumor Length (cm)	Core Length (cm)	%
1	7(3+4)	Grade Group 2	0.5	2.0	25

E: Left Base: Focus of atypical glands suspicious for malignancy.

B: Left Lateral Apex: Benign prostatic tissue.

C: Left Mid: Benign prostatic tissue.

D: Left Lateral Mid: Benign prostatic tissue.

Physician: Test Physician

300 Columbus Circle, Suite A, Edison, NJ 08837

Tel: 1-866-909-PATH

Electronically signed out by: Test Pathologist, MD

Fax: 908-272-1478



The specimen grossing and technical processing was performed by QDx Pathology Services (20 Jackson Dr, Suite 1B, Cranford, NJ 07016, Phone: 866-909-7284, Fax: 908-634-4013, CLIA#: 31D2026917) and supervised by M. N. Qureshi, MD, Ph.D. The technical processing for Stool White Blood Cells and Fecal Fat was performed by QDx Pathology Services (46 Jackson Dr, Cranford, NJ 07016, Phone: 866-909-7284, Fax: 908-272-1478, CLIA#: 31D1026901) and supervised by M. N. Qureshi, MD, Ph.D.

F: Left Lateral Base: Benign prostatic tissue.

G: Right Mid: Benign prostatic tissue.

H: Right Lateral Mid: Benign prostatic tissue.

I: Right Base: Benign prostatic tissue.

J: Right Lateral Base: Benign prostatic tissue.

FINAL DIAGNOSIS (MRI FUSION BIOPSIES)

K: Right Apex, MRI/TRUS Fusion: Adenocarcinoma of Prostate. Composite Gleason Score: 6(3+3). Involving 20% of total surface area, and 2 of 2 cores. Perineural invasion not seen.

Core#	Gleason Score	Grade Group	Tumor Length (cm)	Core Length (cm)	%
1	6(3+3)	1	0.3	1.5	20
2	6(3+3)	1	0.4	2.0	20

COMMENTS

Specific immunostains CK34βE12 and P504S (AMACR) were performed on specimens A, E and M and the results support the above diagnosis in the presence of adequate controls.

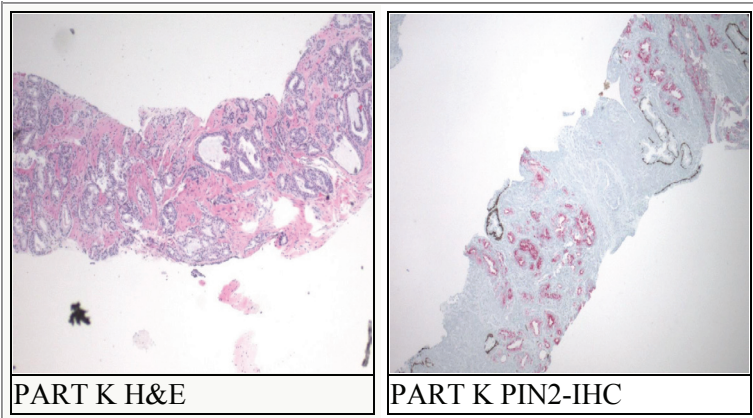
These tests were validated and their performance characteristics determined by QDx Pathology Services. They may not be cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. These tests are used for clinical purposes.

The new five-tiered prostate Grade Group system, as adopted by WHO, is defined such that each group is associated with a unique prognosis based on PSA biochemical recurrence as an endpoint.

- Grade Group 1: Gleason Score <= 6
- Grade Group 2: Gleason Score 7(3+4)
- Grade Group 3: Gleason Score 7(4+3)
- Grade Group 4: Gleason Score 8
- Grade Group 5: Gleason Scores 9-10

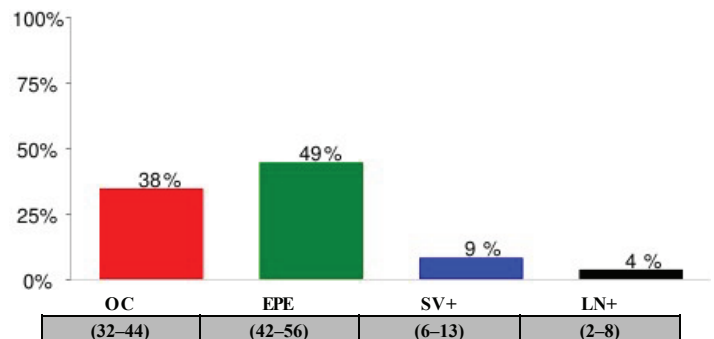
In a large (>3500 patients) single institutional study, the 5-year actuarial biochemical recurrence-free survival for biopsy Grade Groups 1-5 were 94.2%, 89.2%, 73.1%, 63.1%, and 54.7%, in patients treated with radical prostatectomy.

Ref: A contemporary prostate cancer grading system: a validated alternative to the Gleason Score. *Eur Urol.* 2016;69(3):428-35. Independent surgical validation of the new prostate cancer Grade-Grouping system. *BJU Int.* 2016;118(5):763-769.



PARTIN TABLE*

G Score: 7(3+4) PSA: 5.30 ng/mL Clinical Stage: T2c



95% confidence intervals shown in parentheses

KEY OC - Organ Confined Disease SV+ - Seminal Vesicle Involvement
EPE - Extra-Prostatic Extension LN+ - Lymph Nodal Involvement

* Partin Table Reference: James Buchanan Brady Urological Institute, Johns Hopkins Medicine (<http://urology.jhu.edu/prostate/partintables.php>)

Physician: Test Physician

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● Fax: 908-272-1478



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