

SURGICAL PATHOLOGY REPORT - ADDENDUM

PATIENT:	Miller, George T.	DOB:	03/10/1950
MRN:	IUP100200	GENDER:	Male
ACCESSION #:	S24-1500 (Original)	ORIG RPT DATE:	04/18/2024
ADDENDUM DATE:	04/23/2024		
PHYSICIAN:	Dr. Green (Urology)		

- SPECIMEN(S) (From Original Report):**
- (A) PERIPROSTATIC LYMPH NODE
 - (B) ANTERIOR APEX
 - (C) PROSTATE AND SEMINAL VESICLES (Radical Prostatectomy)
 - (D) LEFT PELVIC LYMPH NODES
 - (E) RIGHT PELVIC LYMPH NODES

MODIFIED REPORT - REVIEW ADDENDUM SECTION.

AMENDED/FINAL DIAGNOSIS:

- (A) PERIPROSTATIC LYMPH NODE:**
- Adipose tissue, no tumor present. No lymph nodes present.
- (B) ANTERIOR APEX, MARGIN:**
- Prostatic tissue, no tumor present. Normal glands present focally at the inked surface.
- (C) PROSTATE AND SEMINAL VESICLES, RADICAL PROSTATECTOMY:**
- **PROSTATIC ADENOCARCINOMA.**
 - **Gleason Score: 9 (4 + 5).**
 - **Tertiary Pattern:** Not applicable (Pattern 5 present).

- **Tumor Quantitation:** Single large focus in anterior transition zone (approx. 3.5 x 1.5 cm cross-section), involving apex extensively and base focally. Estimated >50% gland involvement.
- **Extraprostatic Extension (EPE):** Not identified.
- **Surgical Margins:** Negative, EXCEPT focal extension of tumor to the inked left apical margin cannot be excluded (<1.0 mm).
- **Seminal Vesicle Invasion:** Negative (Right and Left).
- **Vas Deferens Invasion:** Negative (Right and Left).
- **Lymphovascular Invasion:** Not identified.
- **Associated Findings:** High Grade Prostatic Intraepithelial Neoplasia (PIN).
- **Pathologic Stage (AJCC 8th Ed.):** pT2 pN0 MX (Margin status focal/equivocal, no definite EPE, Nodes negative per D/E).

(D) LEFT PELVIC LYMPH NODES, DISSECTION:

- Seven (7) lymph nodes, negative for tumor (0/7).

(E) RIGHT PELVIC LYMPH NODES, DISSECTION:

- Seven (7) lymph nodes, negative for tumor (0/7).

ADDENDUM COMMENT:

This modified report is being issued to provide additional information/results. The prostate gland contains a single focus of prostatic adenocarcinoma. The tumor is located in the transition zone and occupies practically the entire anterior half of the prostate. The tumor focus measures 3.5 x 1.5 cm in the largest cross-sectional dimension, and it is present in the two cross sections of the prostate, extensively in the apex and focally in the base region. Focal extension of tumor (less than 1.0 mm) to the left apical margin cannot be excluded. All examined lymph nodes are negative. Gleason score finalized as 9 (4+5).

GROSS DESCRIPTION (C - Prostate):

A specimen consisting of a prostate, attached right and left seminal vesicles and attached segments of right and left vasa deferentia. The prostate gland (4.5 x 4.5 X 3.9 cm, 42 grams, post fixation) has the usual shape. Soft tissue along posterolateral aspects appears symmetrical. A nodule is palpated on the left anterior surface. Serial cross sections after fixation demonstrate a firm area consistent with tumor in the anterior portion of both cross sections. Seminal vesicles and vasa deferentia are grossly free of tumor. Anterior aspect inked green, left red, right yellow, posterior black. Blue ink denotes surfaces not representing true margin (apex). Sections submitted C1-C41 representing seminal vesicles, vasa deferentia, base borders/central, apex borders/central, and cross sections according to radiograph. *(Gross A, B, D, E summarized in original report/diagnosis).*

MICROSCOPIC DESCRIPTION (C - Prostate):

Sections confirm high-grade prostatic adenocarcinoma, Gleason score 9 (predominantly pattern 4 with fused glands, cribriforming; component of pattern 5 with sheets/individual cells). Tumor extensively involves anterior prostate, apex > base. Tumor cells closely approach inked left apical margin (<1mm), definitive involvement cannot be excluded. No definite extraprostatic extension identified. No seminal vesicle or vas deferens invasion. HGPIN present.

Electronically Signed: Dr. Susan Fletcher, MD (Addendum Review) | **Date/Time:** 23/04/2024 11:00h