

Pt. Name:	ناصر أحمد مثنى النصيري		Lab Number:	2116-2026	
Pt. Age:	60 years.	Gender:	Male	Received date:	2026-04-09
Referred By:	د/ منصور التويتي		Reported date:	2026-04-12	

### PATHOLOGY REPORT

Clinical Information.	Lower urinary tract symptoms and urinary retention, characterized by a moderately enlarged and mildly hard prostate on digital rectal examination, an elevated Total Prostate Specific Antigen of 222 ng/ml, free PSA 15.3 ng/ml, and ultrasound findings of a 60 g enlarged prostate.
Nature of specimen.	TURP.

#### GROSS:

Received in 6 containers, 1 from right apex, 2 right middle, 3 right base, 4 left apex, 5 left middle and #6 left base; tissue cores ranged from 1 to 1.2 cm long, submitted entirely.

#### MICROSCOPIC:

##### TUMOR SUMMARY (CASE LEVEL):

- Procedure: Systematic biopsy.
- Positive specimen(s) or zone(s): Right apex, Right middle, Left apex, and Left middle.
- Histologic type: Prostatic adenocarcinoma, acinar type.
- Histologic grade: Total Gleason score = 9.
  - Primary pattern: 5.
  - Secondary pattern: 4.
  - Grade group: 5/5.
- Intraductal carcinoma (IDC): Present.
- Cribriform glands: Not applicable.
- Tumor quantitation:
  - Total number of cores: 6. - Number of positive cores: 4/6.
  - Greatest percentage of core involvement by cancer in any core: 12%.
- Perineural invasion: Present.
- Lymphovascular invasion: Not seen.
- Periprostatic fat invasion: Not seen.
- Seminal vesicle invasion: Not seen.

**DIAGNOSIS:**

**PROSTATE; RT & LT apex, RT & LT middle, and RT & LT base; CORE BIOPSIES:**

**PROSTATE; RT APEX, RT MIDDLE, LT APEX, AND LT MIDDLE; CORE BIOPSIES:**

• **PROSTATIC ADENOCARCINOMA, ACINAR TYPE, GRADE GROUP 5 (GLEASON SCORE 5 + 4 = 9).**

**PROSTATE; RT BASE AND LT BASE; CORE BIOPSIES:**

• **PROSTATIC NODULAR HYPERPLASIA.**

*Pathologist*

Prof. Dr. Neveen Tahoun, MD, PhD  
12-04-2026

*Nerveen Tahoun*

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