

CONFIDENTIAL LABORATORY REPORT

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**ASIRI**
LABORATORIES
LIVE MORE
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** OPD/AHH/ALS **

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REFERENCE No. : 01 0595 22/01/25
 SAMPLE DATE & TIME : 22/01/2025 18:41
 REPORT DATE & TIME : 31/01/2025 18:25 AHH2099932 / ahh2415
 PATIENT : MR. ROSHAN FERNANDO 104C UHID 310671227
 REFERRED BY : DR (MRS) LAKMALIE PARANAHEWA

AGE : 52 Y/M

TEST : TRUS BIOPSIES

Clinical features :- PSA elevated (2517 ng/ml). MRI showed marginally enlarged prostate with hypodense left lobe, suspicious of a focal lesion. Multiple osteoblastic deposits in lumbar vertebrae, pelvic bones and bilateral femurs.

Specimen :- TRUS guided prostatic biopsy.

Macroscopy :- A) Right lobe anterior : 2 cores of tissue each measuring 16mm in length.
 B) Right lobe middle : 2 cores of tissue measuring 17 and 18mm in length.
 C) Right lobe posterior : 2 cores of tissue measuring 15 and 18mm in length.
 D) Left lobe anterior : 2 cores of tissue measuring 15 and 22mm in length.
 E) Left lobe middle : 2 cores of tissue measuring 17 and 14mm in length.
 F) Left lobe posterior : 2 cores of tissue measuring 12 and 14mm in length.

Microscopy :- A-F) All the cores contain prostatic tissue. Sections confirm the presence of an acinar type prostatic adenocarcinoma showing Gleason grade 4 and 5 growth patterns, with a slight predominance of the former (approximately 60%). The Gleason grade 4 pattern comprises cribriform nests and sheets and a few fused neoplastic glands. The Gleason grade 5 pattern comprises nests of pleomorphic cells with enlarged hyperchromatic nuclei, showing minimal gland formation. The tumour is seen in all six cores from the right lobe and 3 out of six cores from the left lobe. It occupies 80 to 100% of the surface of the cores in the right lobe (average 93.3%) and