



Histopathology and Cytology Medical Centre

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Histopathology Report

Procedure 05/11/2021
Received 05/11/2021
Reported 10/11/2021
Lab No: 16504-21

Dr Cleanthis Ioannides – German Oncology Centre

Clinical information

Transperineal MRI targeted and systematic biopsies of the prostate.

Macroscopical examination

Needle biopsies of the prostate marked as Lt lobe (6 biopsies marked as 15-19 and 21 in separate containers) and Rt lobe (16 needle biopsies marked as 1-14, 20 and 22 in separate containers).

Microscopical examination

- **Rt Lobe:** Six (6) out of the sixteen (16) biopsies are infiltrated by prostatic adenocarcinoma consisting of ill-defined fused glandular structures, Gleason pattern score 7 (3+4), Grade Group 2.
- The degree of infiltration of the cores is:
 - Core marked as 4 (30%)
 - Core marked as 5 (50%)
 - Core marked as 6 (30%)
 - Core marked as 7 (20%)
 - Core marked as 10 (20%)
 - Core marked as 13 (100%)

The remaining ten biopsies of the Rt lobe marked as 1-3,8,9,11,12,14,20,22 show prostatic hyperplasia.

Cont/...

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- **Lt Lobe:** All the biopsies are clear of malignancy showing features of prostatic hyperplasia.
- **Invasion of lymph vessels (LVI, in the material examined):** Not Identified.
- **Perineural invasion:** Not Identified.

Conclusion

- **Rt Lobe:** Six (6) out of the sixteen (16) biopsies marked as 4, 5, 6, 7, 10 and 13 are infiltrated by prostatic adenocarcinoma Gleason pattern score 7 (3+4), Grade Group 2.
(See above for detailed description)
- **Lt Lobe:** All the biopsies are clear of malignancy showing features of prostatic hyperplasia.
- There is no vascular / perineural invasion in the material examined.
- New American Joint Committee on Prostate Cancer (AJCC 2016) classification T1c.