

DHM -\Reference No: 262445337 Status: F

Patient: Michael  
DOB:  
Address:  
Ordered by: Dr K on 21/10/2016  
Copy to: North Shore Private Hospital  
Collected: 21/10/2016 - 12:00 AM  
Reported: 24/10/2016

Linked by: Dr K  
Message: No Action  
Notified by: on 00/00/0000  
Message:

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HISTOPATHOLOGY REPORT : 90654-16MP

CLINICAL NOTES:

PSA 5.6, 5% F/T ratio. PIRADS 4 right anterior mid lesion.

MACROSCOPIC:

1. 'Right apex anterior'. The specimen consists of one core of cream tissue measuring 16mm in length. Embedded whole. (1 block)
2. 'Right apex posterior'. The specimen consists of one core of cream tissue measuring 12mm in length. Embedded whole. (1 block)
3. 'Right mid anterior'. The specimen consists of one core of cream tissue measuring 10mm in length. Embedded whole. (1 block)
4. 'Right mid central'. The specimen consists of one core of cream tissue measuring 9mm in length. Embedded whole. (1 block)
5. 'Right mid lateral'. The specimen consists of one core of cream tissue measuring 12mm in length. Embedded whole. (1 block)
6. 'Right mid posterior'. The specimen consists of one core of cream tissue measuring 8mm in length. Embedded whole. (1 block)
7. 'Right base anterior'. The specimen consists of one core of cream tissue measuring 8mm in length. Embedded whole. (1 block)
8. 'Right base lateral'. The specimen consists of two cores of cream tissue each measuring 8mm in length. All embedded. (1 block)
9. 'Right base posterior'. The specimen consists of one core of cream tissue measuring 9mm in length. Embedded whole. (1 block)
10. 'Right anterior MRI'. The specimen consists of ten cores of cream tissue measuring between 6mm and 13mm in length. All embedded. (Block A - 3 cores, B - 4 cores, C - 3 cores)
11. 'Left apex anterior'. The specimen consists of one core of cream tissue measuring 13mm in length. Embedded whole. (1 block)
12. 'Left apex posterior'. The specimen consists of one core of cream tissue measuring 13mm in length. Embedded whole. (1 block)
13. 'Left mid anterior'. The specimen consists of one core of cream tissue measuring 12mm in length. Embedded whole. (1 block)
14. 'Left mid lateral'. The specimen consists of one core of cream tissue measuring 15mm in length. Embedded whole. (1 block)

15. 'Left mid posterior'. The specimen consists of one core of cream tissue measuring 14mm in length. Embedded whole.

(1 block)

16. 'Left base anterior'. The specimen consists of one core of cream tissue measuring 6mm in length. Embedded whole.

(1 block)

17. 'Left base lateral'. The specimen consists of one core of cream tissue measuring 11mm in length. Embedded whole.

(1 block)

18. 'Left base posterior'. The specimen consists of two cores of cream tissue measuring 7mm and 9mm in length. All embedded. (1 block) RT9 Green.

#### MICROSCOPIC:

1. 'Right apex anterior'. Sections show prostatic tissue containing no atypia or malignancy.

2. 'Right apex posterior'. Sections show prostatic tissue containing no atypia or malignancy. Atrophy associated with mild chronic inflammation is present.

3. 'Right mid anterior'. Sections show adenocarcinoma, ISUP/WHO Grade Group 3 (Gleason Score 4+3=7), involving 5% of the core.

4. 'Right mid central'. Sections show prostatic tissue containing no atypia or malignancy.

5. 'Right mid lateral'. Sections show prostatic tissue containing no atypia or malignancy.

6. 'Right mid posterior'. Sections show fibromuscular tissue. There is no evidence of malignancy.

7. 'Right base anterior'. Sections show adenocarcinoma, ISUP/WHO Grade Group 3 (Gleason Score 4+3=7), involving 70% of the core. Perineural infiltration is present.

8. 'Right base lateral'. Sections show prostatic tissue containing no atypia or malignancy.

9. 'Right base posterior'. Sections show prostatic tissue containing no atypia or malignancy.

10. 'Right anterior MRI'. Sections show adenocarcinoma, ISUP/WHO Grade Group 3 (Gleason Score 4+3=7), present in nine of ten cores and involving between 10% to 75% of each involved core, with the largest focus measuring 4.5mm.

11. 'Left apex anterior'. Sections show prostatic tissue containing no atypia or malignancy.

12. 'Left apex posterior'. Sections show prostatic tissue containing no atypia or malignancy.

13. 'Left mid anterior'. Sections show prostatic tissue containing no atypia or malignancy.

14. 'Left mid lateral'. Sections show prostatic tissue containing no atypia or malignancy.

15. 'Left mid posterior'. Sections show prostatic tissue containing no atypia or malignancy.

16. 'Left base anterior'. Sections show adenocarcinoma, ISUP/WHO Grade Group 1 (Gleason Score 3+3=6), involving 5% of the core.

17. 'Left base lateral'. Sections show prostatic tissue containing no atypia or malignancy.

18. 'Left base posterior'. Sections show prostatic tissue containing no atypia or malignancy.

SYNOPTIC REPORT FOR PROSTATE BIOPSIES

Tumour Type: Adenocarcinoma, NOS, acinar  
ISUP Grade Group (ISUP 2014 - Highest Core): 3  
Primary pattern: 4  
Secondary pattern: 3  
Tertiary pattern: -  
Gleason Score (ISUP 2014): 4+3=7  
% High Grade 4/5: 70-80%  
Location: Right mid anterior, right base anterior, right anterior MRI

Location Other Involved Sites: Left base anterior  
Composite Gleason Score (ISUP 2014): 4+3=7  
% High Grade 4/5: 75%  
Intraduct carcinoma: Absent  
Number of cores involved / Total: 12/29  
Perineural invasion: Present  
Vascular infiltration: Absent  
Extraprostatic extension: Not seen

DIAGNOSIS:

PROSTATE BIOPSIES - ADENOCARCINOMA  
- ISUP / WHO GRADE GROUP 3

Reported by Dr Helene Yilmaz (0298556263)

Supervising Pathologist:

NATA Accreditation No 2178

Tests Completed: Histo

Tests Pending :

Sample Pending :