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25 MAY 2021

I-MED Radiology - Coffs Specialist Centre  
I-MED Radiology Coffs Specialist Centre  
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**Professor Thomas Shakespeare**  
Mid North Coast Cancer Institute  
345 Pacific Highway  
Coffs Harbour 2450  
Tel: 0266565737  
24 May 2021

Patient ID: 46.70977471  
Accession Number: 77.31527547

Exam Date: 21st May 2021

Dear Professor Shakespeare

Re: **Mr John HALL - DOB: 28/11/1934**  
42 Oliver Street GRAFTON 2460

## PSMA PET CT SCAN

### History

Intermediate prostate cancer, Gleason score 3+4=7, PSA 13. Completed definitive radiotherapy in 2013. Rising PSA.

### Technique

PET and CT scans were obtained from the vertex of the skull down to the thighs following intravenous injection of 307 MBq of F18-PSMA.

### Findings

#### Primary Tumour System:

The prostate gland measures 45 cc. Focal increased PSMA activity involving the central mid prostate gland (SUV 4.8). No extraprostatic extension is evident. There are a few small metallic foreign bodies within the prostate, presumably brachytherapy rods. The urinary bladder and seminal vesicles are normal. There is an oval smooth calculus involving the distal right ureter, measuring 18 mm long and 10 mm wide, associated with mild dilatation of the distal right ureter but no significant obstructive hydronephrosis. The kidneys are normal.

#### Lymph Nodes:

No PSMA avid, enlarged or atypical lymphadenopathy is evident.

#### Metastatic Disease:

Nil seen.

#### Additional Findings:

No acute or neoplastic intracranial pathology. The salivary glands, thyroid gland, pharynx and larynx are normal. Moderate burden of calcified atheromatous disease involving the coronary arteries. There are calcified pleural plaques suggesting previous asbestos exposure. Bilateral small fat-containing inguinal hernias, slightly larger on the right side. Minor sigmoid diverticulosis. Degenerative changes involving the spine. No acute fractures or suspicious bone lesions are evident.

#### Comment

Focal PSMA activity involving the central prostate gland, consistent with high grade carcinoma. No extraprostatic extension, PSMA avid lymphadenopathy or metastatic disease. There is an 18 mm calculus in the distal right ureter not associated with obstructive hydronephrosis.



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Mr John Hall  
Patient ID: 46.70977471  
Accession: 77.31527547  
Professor Thomas Shakespeare  
24 May 2021

**Dr Guy O'Connell**  
**Electronically signed at 5:00 pm Mon, 24th May 2021**

cc: Dr Ian Rae