

**Patient:**  
**Date of Birth:**  
**Scan Date:**  
**Scan Location:**  
**Referrer:**  
**Reported By:**  
**Report Date:**

  
**MEDICAL IMAGING**  
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## MRI Report

**Indication:** Previous HIFU. PSA 4.4. Residual 3+3.

**Technique:** T2, diffusion-weighted & dynamic contrast-enhanced images of the prostate.

**Findings:** The prostate volume is 65cc.

- 0.48cc of tumour (5/5) in the L posterior peripheral zone (between 3 and 23mm from the midline and from level with uppermost sphincter at the apex to mid gland) measured 0.25cc in 2016. It considerably abuts the capsule but no measurable extracapsular tumour is seen. it is likely to contain a Gleason 4 element.
- It is still hard to rule out tumour in the L transition zone between apex and mid gland, in particular in a 0.2cc focus centred 1.4cm above the apex. However, the appearance is little different to 2015 (3/5).
- A tiny (0.08cc) focus of enhancement and restriction in the R peripheral zone against the posterior capsule between mid gland and base, centred 1.1cm from the posterior capsule, is likely to represent tumour (4/5) and is not convincingly different to last year, though it measured 0.05cc in 2017. it is likely to be tumour. No visible extracapsular extension.

No evidence of seminal vesicle disease or pelvic lymphadenopathy.

**Conclusion:** Enlarging tumour on the left, likely with a Gleason 4 component (and a long capsular abutment, though staging depends on histology). Small convincing focus of tumour on the right. Still equivocal findings in the left transition zone.

Sincerely,

Dr Alex Kirkham, Consultant Radiologist

**Prostate Volume**      65   CC

AP diameter:      4.3   cm

Transverse:      5.6   cm

Cranio-caudal:      5.2   cm

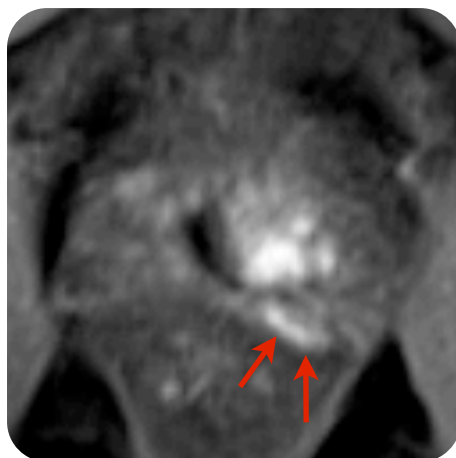
Scale    1=   significant tumour very unlikely  
           2=   significant tumour unlikely  
           3=   equivocal  
           4=   significant tumour likely  
           5=   significant tumour very likely

**Significant tumour is defined as**  
**>0.2cc or Gleason 3+4 or higher**

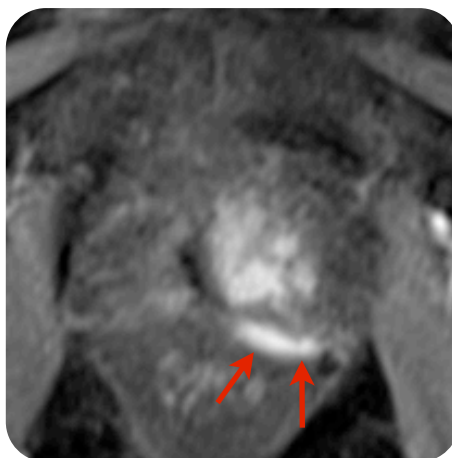
**Overall score**  
(for significant disease)

	lat R	med R	TZ R	TZ L	med L	lat L
SV	1					1
base	2	2	2	2	2	2
mid	2	4	2	3	5	4
apex		2	2	3	5	
sphincter			1	1		

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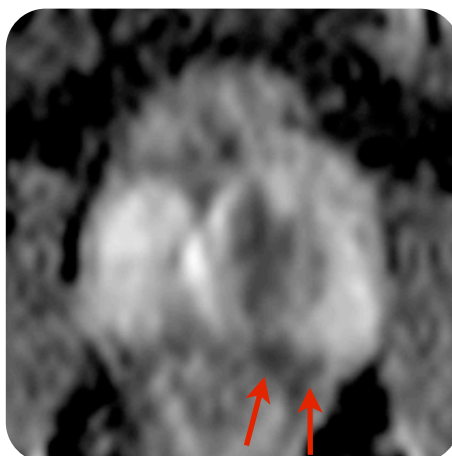
contrast axial 2015



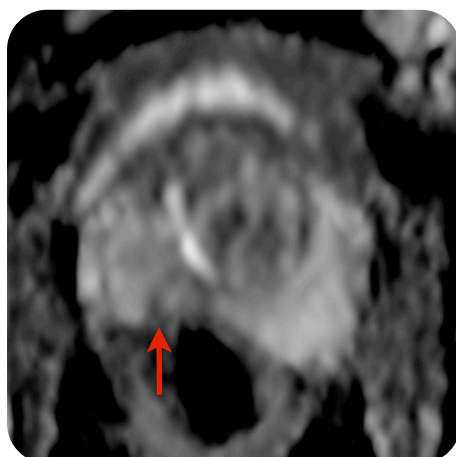
contrast axial now



T2 axial now



ADC axial now



ADC axial mid to base 2016



ADC axial mid to base now

