

Positive PSA

- Historically 12 core Biopsy
 - Underestimates grade 30-50% of time
- Currently undergo Multiparametric MRI
 - If positive undergo MRI guided biopsy
 - (+-) Standard 12 core biopsy
- MRI = negative
 - Undergo standard 12 core biopsy

Patient Information

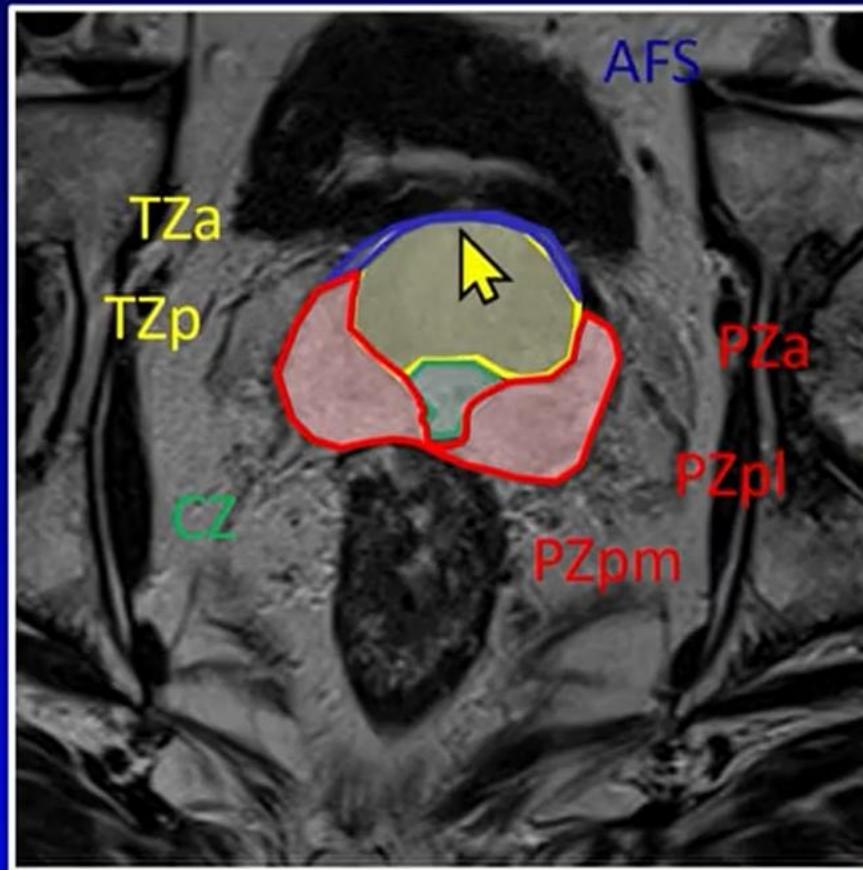
- PSA level
- Date and result of biopsy
- Wait at least 6 weeks after biopsy for MRI, to allow for inflammation and blood to subside

3T better, but 1.5 is good enough

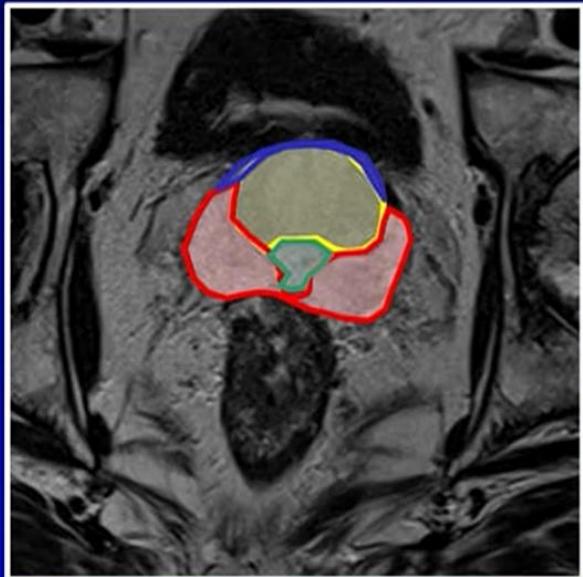
Technique Specifications – 3T vs. 1.5T

- Both 1.5T and 3T can provide adequate and reliable diagnostic exams
- PI-RADS Steering Committee prefers 3T
- 1.5T preferred for patients with implants that may result in artifact

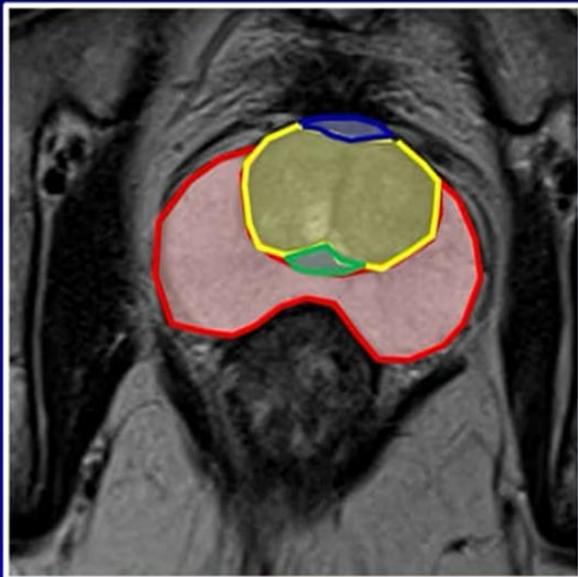
Prostate MRI Sector Map



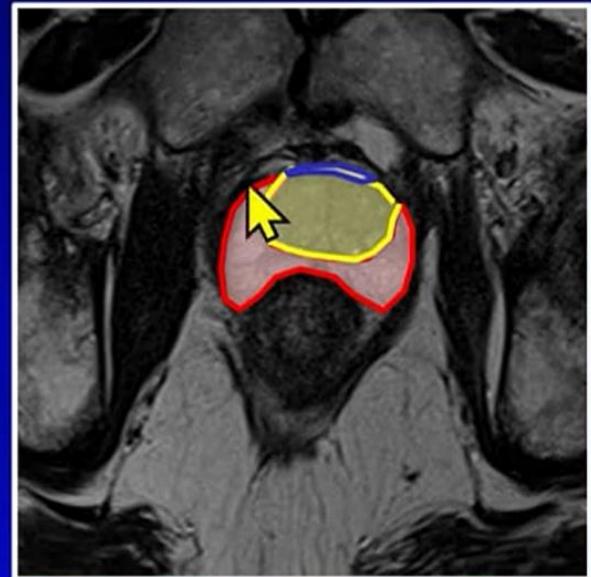
Sector Map



Base



Mid



Apex

PI-RADS

PI-RADS v2.1 Assessment Categories

PIRADS Category	Assessment	
1	Very low (clinically significant cancer is highly unlikely to be present)	 No Biopsy
2	Low (clinically significant cancer is unlikely to be present)	
3	Intermediate (the presence of clinically significant cancer is equivocal)	 ± Biopsy
4	High (clinically significant cancer is likely to be present)	
5	Very high (clinically significant cancer is highly likely to be present)	 Biopsy