Mimicker of Prostate Cancer

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History

- 69 year old man with PSA of 9.4
Hypointense T2 focus in midline PZ with mild restricted diffusion and delayed enhancement.
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Targeted biopsy: negative in keeping with thickened capsular and fascial insertion.
CAPSULE AND FASCIA INSERTION AT MIDLINE PERIPHERAL ZONE

- Focal thickening at site of fusion of the posterior prostatic capsule and Denonvillier fascia in the midline.
- Composed of collagenous fibers and occasional muscle fibers.
- Low T2 signal intensity
- May show some restricted diffusion, low ADC.

CAPSULE AND FASCIA INSERTION AT MIDLINE PZ

Imaging features to help distinguish from Prostate Cancer:

- Low T2 signal focus is located at the midline.
- Contour of prostate at this location is concave
- Lack of rapid enhancement or washout