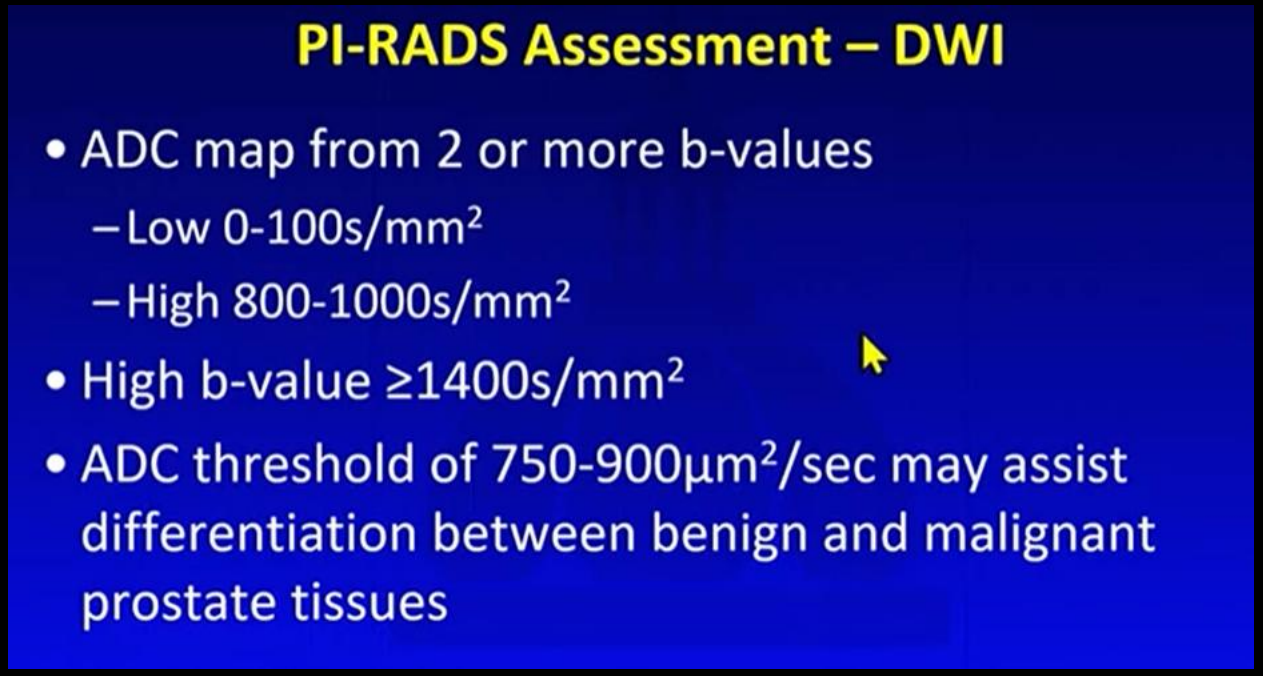
DWI

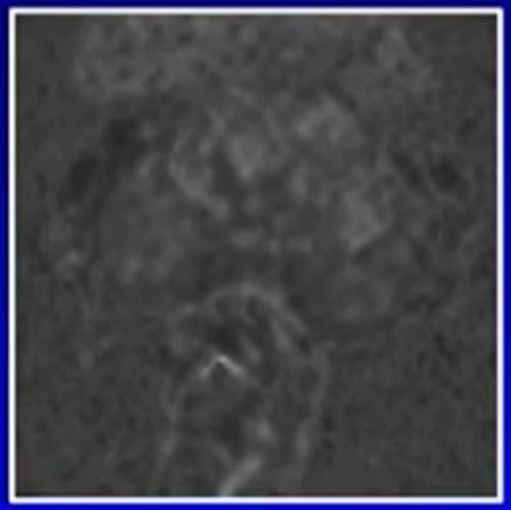


- ADC at 50 and 800 at Hopkins
- Calculate B value at 1400
- Less artifact if calculated vs obtaining it at 1400

PZ and TZ scored same on DWI

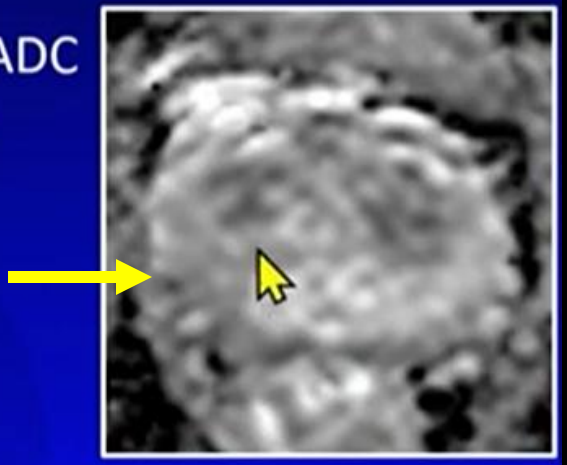
PI-RADS Assessment – DWI PZ or TZ

- Score 1:
  - No abnormality on ADC and high b-value DWI



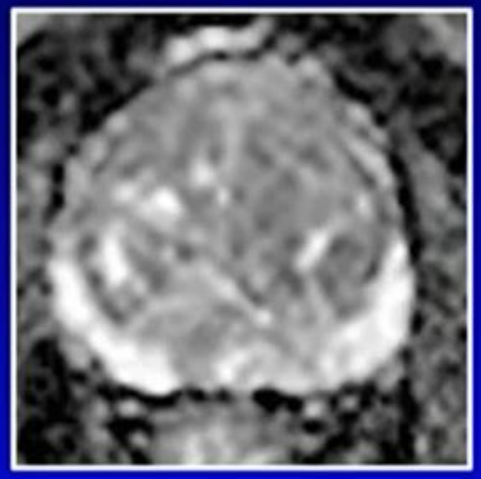
PI-RADS Assessment – DWI PZ or TZ

- Score 2:
  - Linear/wedge shaped hypointensity on ADC
  - Linear/wedge shaped hyperintensity on high b-value DWI



PI-RADS Assessment – DWI PZ or TZ

- Score 3:
  - Focal hypointense on ADC
  - Focal hyperintense on high b-value DWI
  - Markedly hypointense on ADC or markedly hyperintense on high b-value DWI, but not both

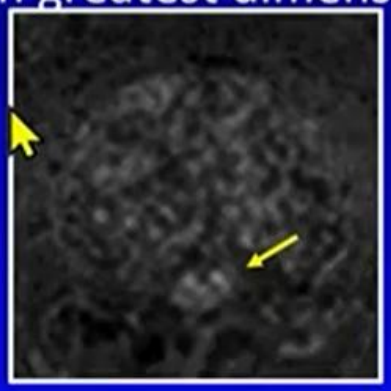


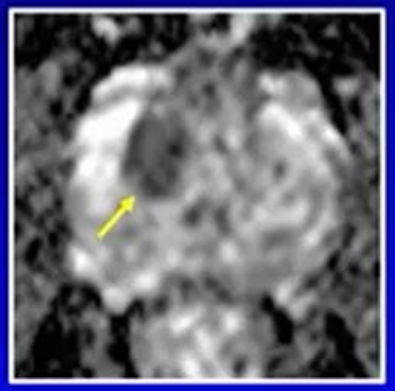
- Blood and Fibrosis: dark on both

Different Patients

PI-RADS Assessment – DWI PZ or TZ

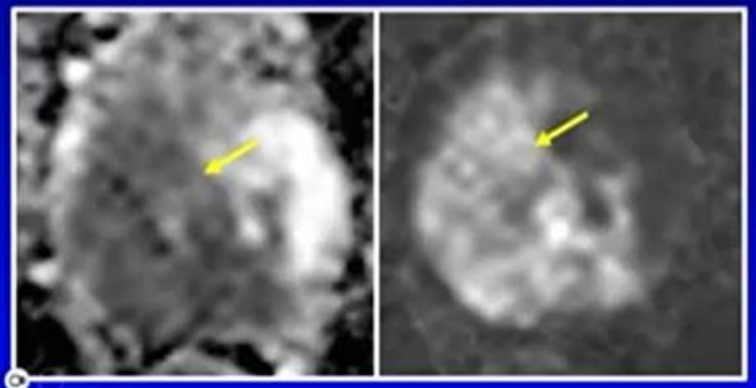
- Score 4:
  - Focal markedly hypointense on ADC and markedly hyperintense on high b-value DWI
  - <1.5cm in greatest dimension

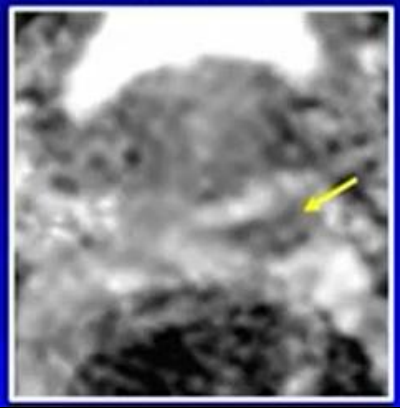




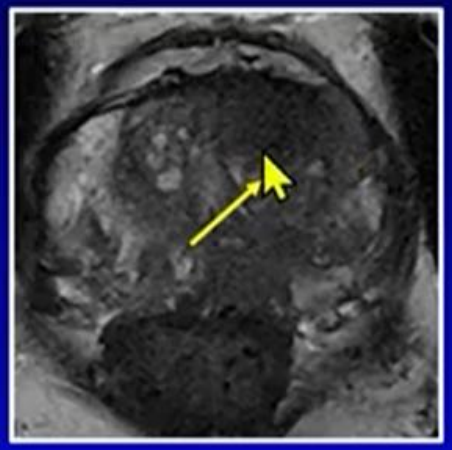
PI-RADS Assessment – DWI PZ or TZ

- Score 5:
  - Same as 4
  - ≥1.5cm in greatest dimension
  - Definite extraprostatic extension/invasive behavior

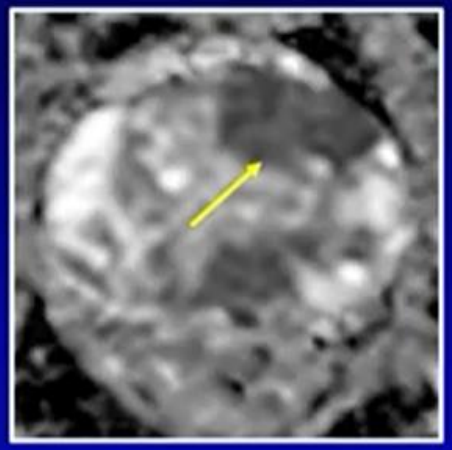




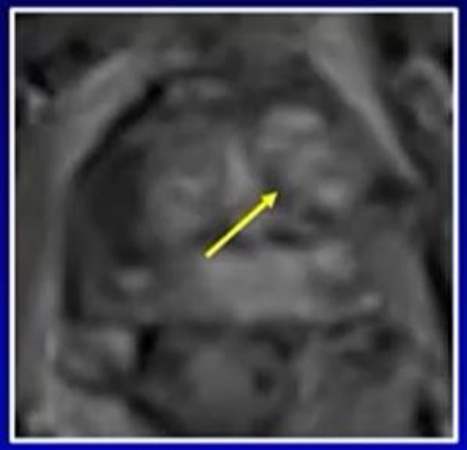
PI-RADS 5 (TZ)



T2: 5



DWI: 5



DCE: +