

SYSTEMATIC BIOPSY

TARGET SUSPICIOUS REGION

1

PRI-MUS 1

1 "Swiss Cheese"



Benign

1 "Swiss Cheese"



Benign

1 "Swiss Cheese"



Benign

1 "Swiss Cheese"



Benign

2

PRI-MUS 2

2 Hyper, ductal patches



Benign

2 Hyper, ductal patches



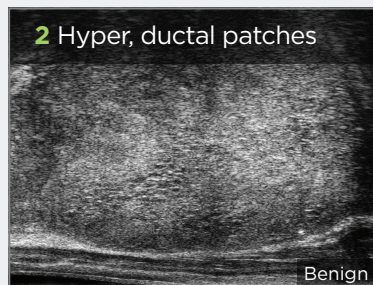
Benign

2 Hyper, ductal patches



Benign

2 Hyper, ductal patches



Benign

3

PRI-MUS 3

3 Mild hetero, bright echoes in hyper tissue



Benign

3 Mild hetero, bright echoes in hyper tissue



Gleason 7

3 Mild hetero, bright echoes in hyper tissue



Gleason 7

3 Mild hetero, bright echoes in hyper tissue



Gleason 7

4

PRI-MUS 4

4 Bright Echoes ("Starry Sky")



Gleason 8

4 "Cauliflower"



Gleason 8

4 "Smudgy/Mottled"



Gleason 7

4 Bright Echoes ("Starry Sky")

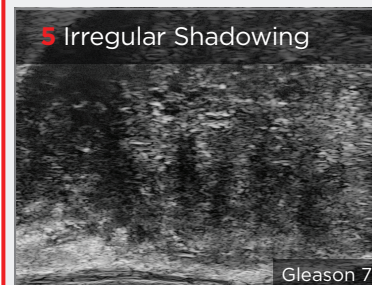


Gleason 7

5

PRI-MUS 5

5 Irregular Shadowing



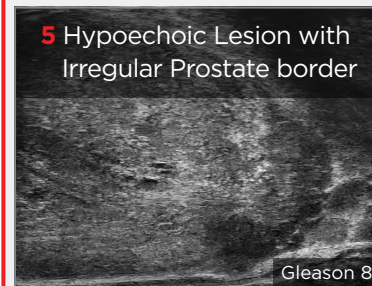
Gleason 7

5 Mixed Echo Lesion with Irregular Prostate border



Gleason 9

5 Hypoechoic Lesion with Irregular Prostate border



Gleason 8

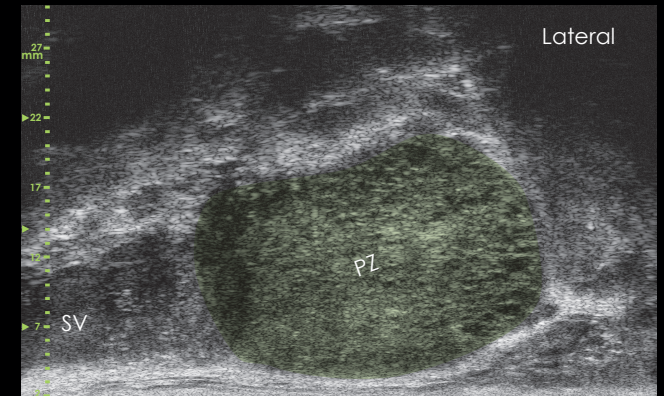
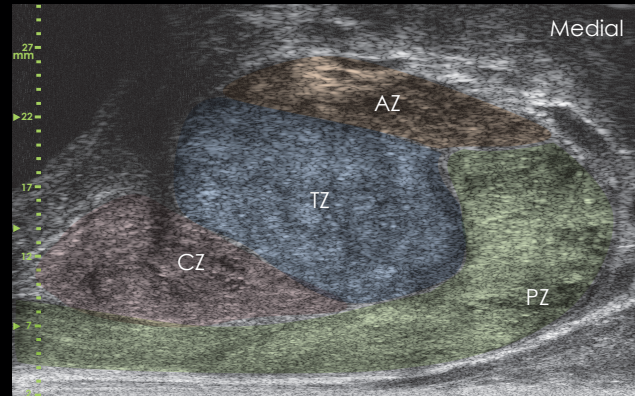
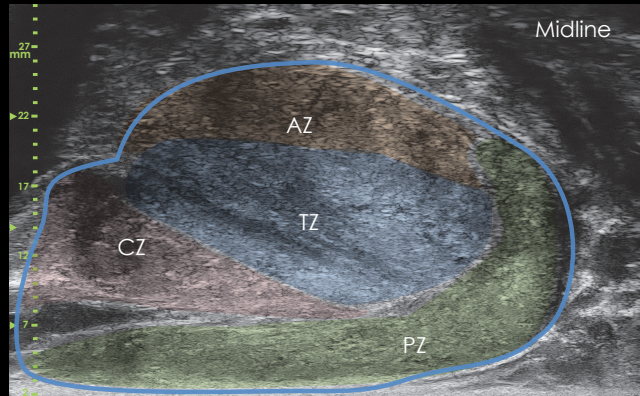
5 Mixed Echo Lesion



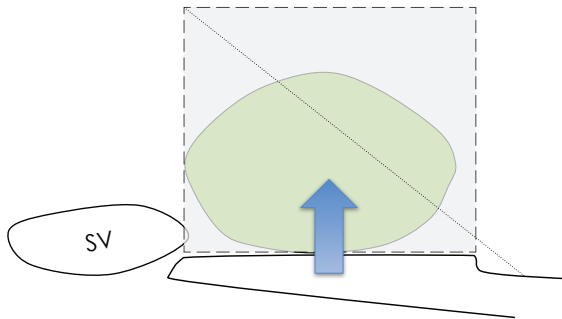
Gleason 7



## Prostate Anatomy (using high-resolution micro-ultrasound)



## Core Length



## Core Spacing and Needle Guide Scale

