

PROSTATE CANCER NEOVASCULAR RESPONSE TO ANTIOXIDANTS

By: Robert L. Bard, MD, PC, DABR, FASLMS

GLEASON 4+3 AGGRESSIVE TUMOR BULGES CAPSULE

NEED TO VERIFY IN 2/3 PLANES FOR US/MRI
28 MM MASS WITH CENTRAL VASCULAR SUPPLY
NOTE SLIGHT BULGING INTACT RIGHT CAPSULE

3-D PDS vs MRI

POST RADIATION PSA RISE
SEEDS IN BASE 2 yrs NEW TUMOR IN APEX

BENIGN PSA RISE COMMON—VESSEL SHOWS NEW TUMOR

SEED+EXTERNAL BEAM FAILURE PSA 0 - 4.5

2004 S-MRI 2004 RRX 2006 CE-MRI

RADIATION FAILURE

NOTE LEFT EXTRACAPSULAR EXTENSION 2006

POST HIFU RECURRENCE

1/05 4/05

GL 5+4 HIFU TREATED NEW EXTRACAPSULAR TUMOR

GLEASON 7 A-OX RX

5/2005 PSA 33 9/2005 PSA 6