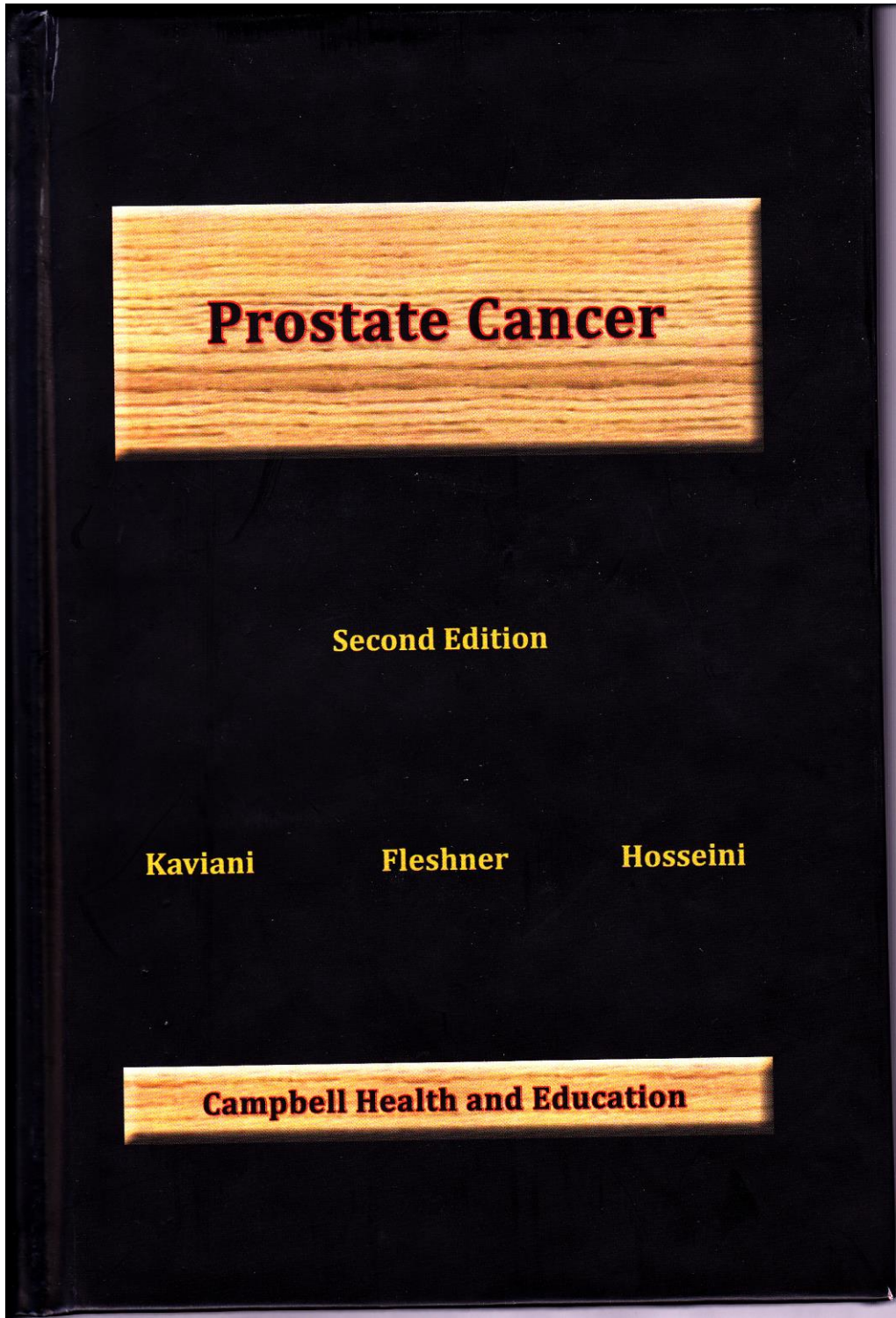


Prostate Cancer Book, Campbell Health and Education, 2014



Prostate Cancer

Second Edition

Kaviani

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Campbell Health and Education

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PCa is a killer disease
PCa is also killing younger patients
32170 persons estimated to die in 2012 due to PCa in US & Canada
437 persons \leq 54 died because of PCa in US alone in a single year
27 persons \leq 44 died because of PCa in US alone in a single year

Now Consider

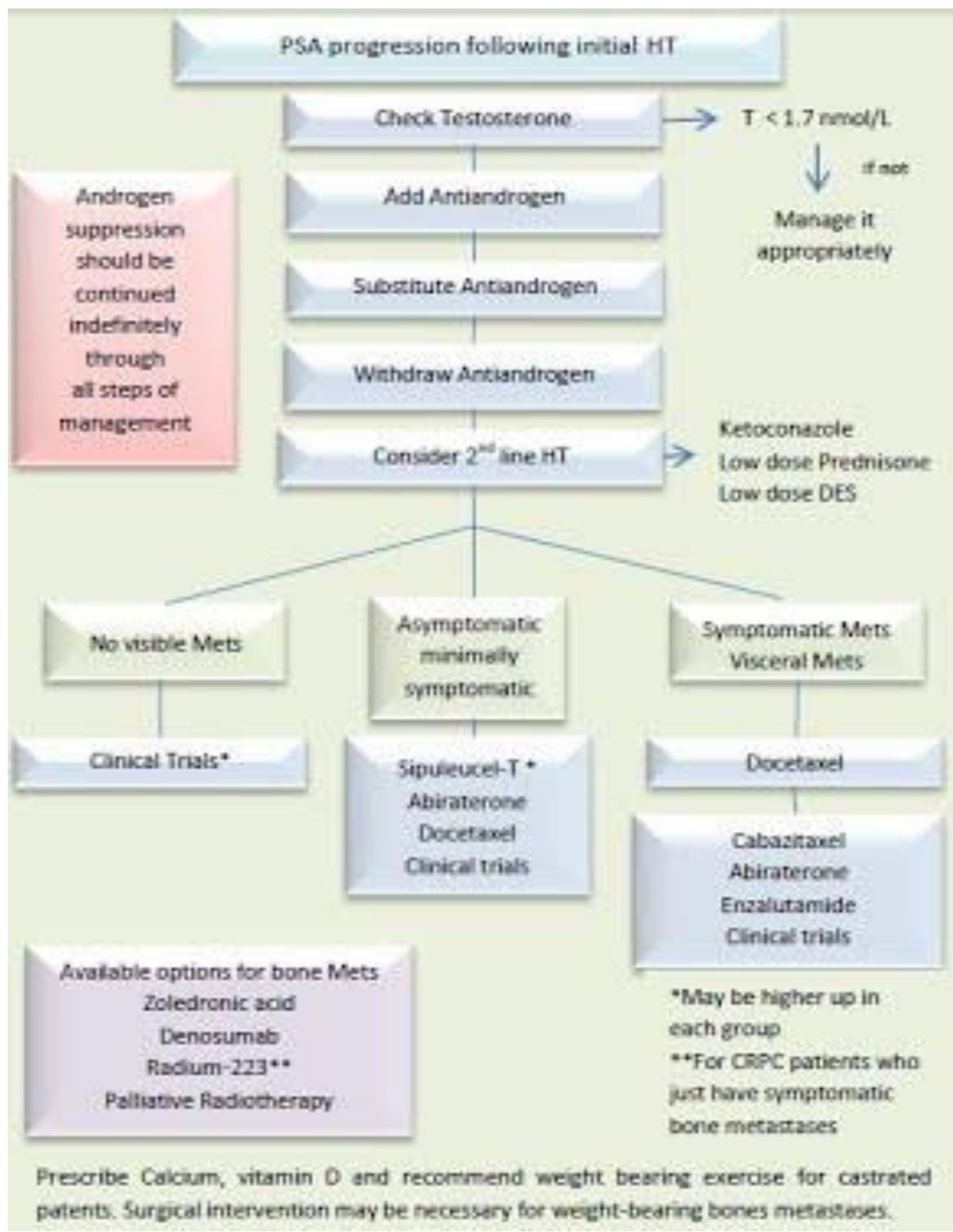


So

Is PSA screening justified for early diagnosis of PCa while it is still localized?
Should we consider median age at death of 80 or we should look at those young people who are dying because of this disease?

If interested

Follow this subject in the screening chapter



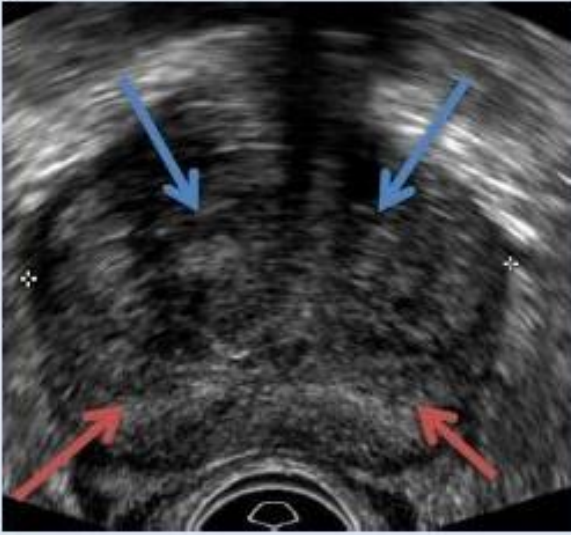


Figure 1a: Gray-scale Transrectal Ultrasound (TRUS) of prostate. Axial (left) and sagittal (right) views are used to calculate prostate volume. We also look for any hypoechoic lesions in CZ and PZ. PZ has been marked by red arrows. Blue arrows have been used to localize TZ. Orange arrow localizes the CZ.

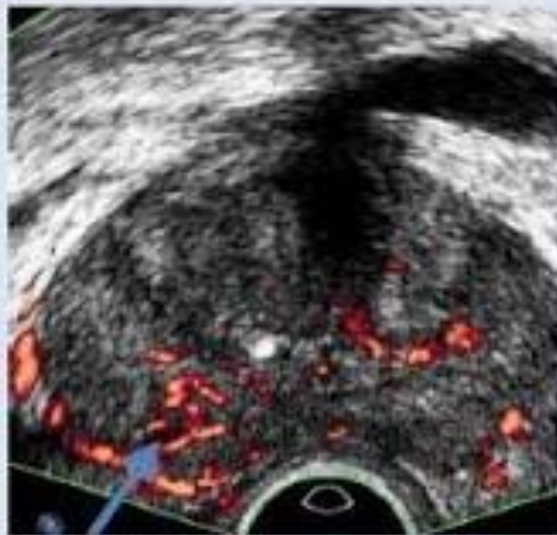
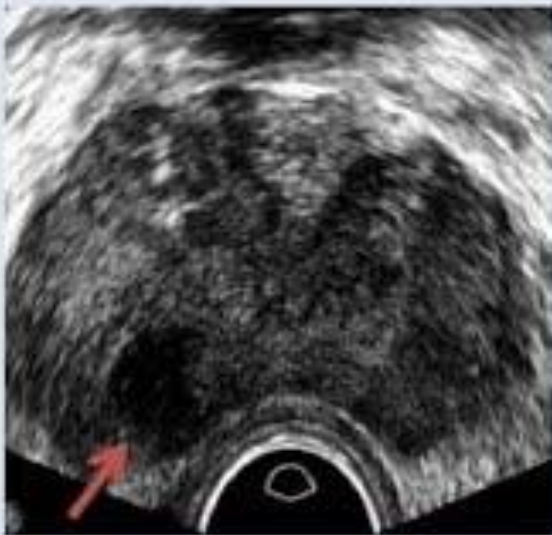


Figure 1b: Transverse gray-scale sonogram shows large hypoechoic lesion (red arrow). Power Doppler shows increased flow within and around hypoechoic lesion (blue arrow).