

Questions and concerns?

If you have any questions or concerns please contact us or your urologist immediately.



For more information, please visit our website at:

www.prostatebrachytherapy.info

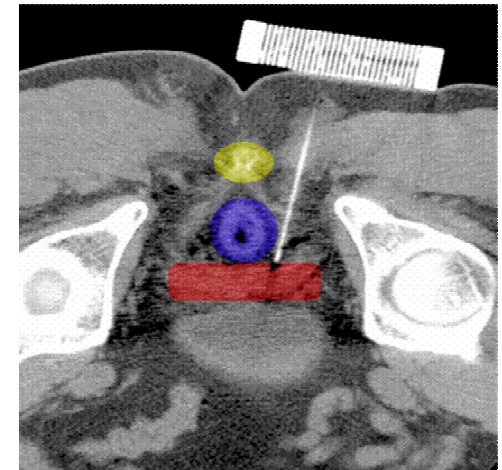


URO-RADIOLOGY PROSTATE INSTITUTE

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Instructions for Biopsy of the Prostate and Seminal Vesicles Using 3-D CT Pararectal Stereotactic Method



The 3-D stereotactic system is adjusted so the needle will not penetrate the rectum and avoid the sacrum. The coccyx is highlighted in yellow, the rectum is highlighted in blue, and the seminal vesicles are highlighted in red.

State of the art treatment of prostate cancer using 3-D Computed Tomography-Guided Pararectal Brachytherapy

Tel: 703 356 9674

Instructions for biopsy of the prostate and seminal vesicles using 3-D stereotactic system and computed tomography-guided pararectal method



"We perform biopsy of the seminal vesicles along with the prostate because 13% of our 599 patients staged T1-T2 were upstaged to T3b with 3-D CT stereotactic biopsy."

Others have reported prostate cancer involving seminal vesicle invasion to be 13% and 35% after surgery (References 1 and 2).

1. Valicenti RK, et al. "Pathologic seminal vesicle invasion after radical prostatectomy for patients with prostate carcinoma. Effect of early adjuvant radiation therapy on biochemical control." Cancer 1998; 82(10): 1909-1914.
2. Sohayda C, et al. "Extent of extracapsular extension in localized prostate cancer." Urology 2000; 55(3):382-6.

The patient should stop taking aspirin or other blood thinners for 6 days prior to the biopsy.

1. Start Cipro 500 mg tab the night before the biopsy, and continue one night and one morning for 4 days after the procedure.
2. Stop eating and drinking after midnight prior to the procedure.
3. Do Fleet's enema 1 hour before getting in car that morning.
4. Report to URPI at _____.
5. The biopsy will require 1-2 hours of stay at URPI.

"For patients who had suspicion of prostate cancer due to an abnormal digital rectal examination or high PSA but had a negative transrectal ultrasound-guided biopsy, we have successfully performed 3-D CT-guided pararectal biopsy avoiding needle penetration through the rectum."

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