

The Importance of Pathology Report in Echo-guided Transrectal Prostate Needle Biopsy in Prostate Cancer †

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Abstract: Histopathology examination is considered the essential element in diagnostic confirmation of prostate cancer, and it has a decisive role in the following therapeutic attitude. Group A: 83 patients with clinical changes of the prostate suggestive for cancer with PSA 4-15ng/ml; Group B: 63 patients without clinical changes suggestive for cancer, with modified PSA: 51 patients with PSA 4-10ng/ml and 12 patients with PSA above 10ng/ml; In group A 70 patients presented a sonograph image suggestive for prostate cancer, but only 51 of them were histologically confirmed. In group B, among the patients with PSA levels from 4 to 10ng/ml, the echography was suggestive in 20 cases, but only in 6 of them were histologically confirmed. As regards the other 12 pts with a PSA > 10 ng/ml, 8 exhibit changes at the TRUS, 4 of them being confirmed by the pathologist. The echo-guided prostate needle biopsy and histological examination are routine procedures in the urologic practice and have a decisive role in the diagnosis, staging, and prognosis evaluation of prostate cancer.

Keywords: echo-guided; prostate; biopsy.

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Conflicts of Interest

The authors declare no conflict of interest.