

Transperineal Trucut needle biopsy of the prostate: A prospective Study

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Abstract:

A prospective study involving ninety (90) transperineal TruCut Tm needle biopsies of the prostate in eighty (80) patients has revealed that the repeated use of this needle until it becomes ineffective does not affect its diagnostics accuracy, and is not associated with more complications. Each needle was used on five patients before being discarded. A positive correlation of 95% was found between the clinically malignant prostates on rectal examination and histopathologic diagnosis. Four biopsies did not provide adequate tissue for histological diagnosis giving an overall failure rate of 4.4%. No complications were reported except fro haematuria in two patients (2.5%) and a perineal haematoma in one patient (1.25%).