

Morphological features of prostate tissue after modified vaporization by “Dornier Medilas D UroBeam” laser in patients with benign prostatic hyperplasia

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Summary. The results of morphological investigation of prostate tissue after vaporization prostatectomy by «Dornier Medilas D UroBeam» laser and transurethral prostate resection in patients with benign prostatic hyperplasia is shown. We found that the successive use laser «Dornier Medilas D Urobeam» at power 175-250 W and transurethral resection of prostate provides diminishing of area of coagulative necrosis which prevents formation of massive scab. At the same time the photoselective to haemoglobin as a result of vaporization draws coagulative necrosis of content of vessels in areas with unchanged stroma and prevents bleeding.

Key words: benign prostatic hyperplasia, «Dornier Medilas D UroBeam» laser, morphological investigation, coagulative necrosis.

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