Pathogenesis of bladder hyperactivity development in patients with infravesical obstruction caused by benign prostate hyperplasia: Abstract

A.Yu. Bablumyan

In the literature review the data testifying to a pathogenetic relation of infravesical obstruction, caused by BPH, and hyperactivity of a bladder. A major factor promoting development of detrusor hyperactivity, is the disbalance in the system of regulation of a bladder towards reduction of the functional importance of the links weakening leomyocytes and strengthening of factors, initiating spontaneous reductions of detrusor (reducing an excitability threshold of leomyocytes). From this point of view infringement innervation of the hypertrophied bladder can play an important role revealed by a number of authors. The chronic ischemia of the bladder, which has developed owing to atherosclerotic defeat of iliac vessels or at the expense of a superfluous gain of weight of a muscular cover at hypertrophy of bladder, advancing growth of neogenic vessels, can be the etiologic factor starting development of the described functional and metabolic infringements.
References


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