



Non-Synaptic Mechanisms of Urinary Bubble Management

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Abstract:

Scientific works of recent years have shown that neurogenic and non-neurogenic hyperactivity of the bladder is largely a consequence of detrusor ischemia, which is accompanied by structural and functional rearrangement of myocyte cell membranes. Against this background, proteins endogenous activators of contractility of myocytes, which are not neurotransmitters, contacting with extra-synaptic receptors, initiate spasm and clinically manifests idiopathic hyperactivity of the bladder. With further increase in ischemia, the membranes become even stiffer. The phase of hypoactivity or detrucrality of detrusor is coming. The bladder is outside the zone of neurohumoral management, which is clinically manifested by a drop in the capacity of the bladder and an increase in detrusor pressure.



Biography:

Berdichevsky VB is one of the renowned doctor at Urology Clinic of Tyumen Medical University, Russia

Recent Publications:

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