



Low-intensity extracorporeal shock wave therapy for erectile dysfunction after radical prostatectomy: a review of preclinical studies.

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Abstract

Low-intensity extracorporeal shock wave therapy (LI-ESWT) is a novel treatment for erectile dysfunction (ED). Its ability to improve erectile function has been shown in patients with vasculogenic ED by many randomized-controlled trials against sham procedures. However, the role of LI-ESWT in ED caused by radical prostatectomy (RP) is still questionable because this type of ED was excluded from nearly all clinical studies; it has been investigated in only a few small single-arm trials. This review summarizes preclinical studies on mechanisms of action of LI-ESWT for ED and neurological diseases to explore the potential of this treatment for nerve-impaired ED after RP.

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