



## **Low Level Laser Therapy & Erectile Dysfunction clinical research**

### **COMPOSITE APPLICATION OF THE LOW-LEVEL LASER IRRADIATION (LLLI) AND OF BIOREGULATING PEPTU PROSTATILEN FOR THE TREATMENT OF SEXUAL DISTURBANCES CONDITIONED BY THE CHRONIC PROSTATITIS**

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Ukrainian Research Institute of Pharmacotherapy of Endocrine Diseases, Research Institute of Laser Biology and Laser Medicine, Kharkov, Ukraine The present research studies low-level laser irradiation the composite application of peptide bioregulator prostatilen and the LLLI for the treatment of the chronic prostatitis complicated by sexual disturbances.

We have observed 32 patients at the age of 23-43 suffering from the chronic non-specific prostatitis. The patients have had numerous attempts to cure the disease and received various kinds of therapy. All the patients complained of the suppressed sexual function. Please note the fact that 12 patients received only this therapy, while the rest 20 underwent also a course of laser therapy which started after the 5-th injection of the medicine. Such semiconductor laser apparatus as "MOTYLEK-20" and "MURAVEY" (firm "Technica") producing the laser irradiation with the wavelength of 0,89 nrn have been used. After the therapy which made use exclusively of prostatilen has been given, it turned out that in 50 % of the cases the erectile ability has been restored. The rapid ejaculation, however, remained in 75 % of the cases. The composite application of prostatilen and LLLI has improved the degree of the sexual activity more essentially. Here restoration of adequate erections has been found in 83,3 % of the cases. Only 25 % of the men still had the symptoms of the rapid ejaculation and of effaced orgasm. Thus, LLLI being applied to the prostate in the infrared range is successfully combined with the peptide bioregulator prostatilen for the treatment of the chronic non-specific prostatitis, as the medicine and the LLLI mutually reinforce the general medical effect. Such composite therapy substantially compensates the sexual function when the mentioned above pathology is observed.

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