



Low Level Laser Therapy & Peyronie's Disease clinical research

Laser and ultrasonic therapy in simultaneous emission for the treatment of plastic penile induration

[Article in Italian]

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Induratio penis plastica (IPP) or Peyronie's Disease is characterized by the presence of one or more fibrous patches in the tunica albuginea or intercavernous septum. IPP is a slowly evolving disease which may cause a bending of the penis as well as pain during erection. As an alternative to the numerous pharmacological therapies already existing, or in association with them, some kinds of physical treatments, such as ionophoresis, ultrasound therapy and laser therapy, have recently been used. In this study we have evaluated the effectiveness of physical therapy combined with laser and Ultrasounds in the treatment of IPP. Sixty-eight patients were randomly divided into three groups: the first group was treated with orgotein infiltrations, the second with laser and Ultrasounds and the third with an association of both treatments. On the basis of this study, we can affirm that the effectiveness of laser therapy associated with ultrasounds in treating painful symptomatology of IPP at its initial phase overlaps that of orgotein infiltrations. No measurable modifications were documented neither in patch dimensions nor in their echostructures and in no case remarkable modifications of the penile bending were evidenced. Therefore laser therapy associated with ultrasounds represents at the moment an efficacious alternative to medical treatment of IPP at the initial phase, as it does not present any kind of contraindications and it is surely better tolerated than any treatment with penile infiltrations.

A new method for treating Peyronie's disease

[Article in Bulgarian]

Mazo VE.

Results are reported of the treatment of Peyronie's disease by a laser-magnetic method. The "Ulamag" apparatus used is Soviet produce, based on helium-neon laser. For the period 1981-1988 a total of 713 patients have been treated. The method of treatment is described. The results were excellent in 114 patients (16 per cent), good in 535 (75 percent) and satisfactory in 64 (9 per cent). Best results--complete cure--were obtained in patients in initial stage of the disease. In all others there occurred significant decrease in fibrous plaques size, softening and elasticity and disappearance of pain. All this helped to resume normal sexual life.

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