

## عنوان مقاله:

Effect of Newly Designed Vacuum Cylinders Along with Mini Massagor on Peyronie Disease at Acute Phase

## محل انتشار:

فصلنامه تحقیقات بین رشته ای در اورولوژی، دوره 3، شماره 4 (سال: 1400)

تعداد صفحات اصل مقاله: 9

## نویسندگان:

Feraidoon Khayyamfar - *Mostafa Khomeini Hospital, Shahed University of Medical Sciences, Tehran, Iran*

Seyed Kazem Foroutan - *Mostafa Khomeini Hospital, Shahed University of Medical Sciences, Tehran, Iran*

Iman Kochari - *Department of Medicine, Iran University of Medical Sciences, Tehran, Iran*

Amir Mahdi Khayyamfar - *Department of Medicine, Iran University of Medical Sciences, Tehran, Iran*

Amir Ghasemlouei - *Imam Khomeini Hospital, Tehran University of Medical Sciences, Tehran, Iran*

## خلاصه مقاله:

**Introduction:** Peyronie's disease (PD) is penile and may present with penile pain curvature, shortening, and plaque in the penis and erectile dysfunction (ED) in some cases. This study assesses the efficacy of vacuum therapy and massagor in patients with PD at the acute phase. The basic principle of the study is similar to modeling performed during penile implant surgery. **Methods:** This study was performed on ۲۰۰ Patients with Peyronie's disease in the acute phase who were referred to the family health clinic of shahed university. Patients were trained to practice with three different sized and shaped vacuum cylinders in addition to mini vibrating massagor for ۳۰ minutes, three times a day for three months. They used the smallest curve cylinder (being used in the opposite direction of penile curvature) in the first and the second, respectively, followed by using the most oversized cylinder and bending the penis toward the opposite direction. In contrast, placing a constrictive ring at the base of the penis in the third month and massagor is used intermittently. Parameters were recorded before the beginning of the study and at the end of each month. Assessment includes pain during erection, number and size of the plaque, curvature of penile, quality of an erection, and penile shortening. **Results:** A total of ۲۰۰ patients with a mean age of (۱۷-۷۰) years participated in the study. At the presentation, the mean of plaque size and curvature was  $۱.۲۱ \pm ۱.۲۱$  cm and  $۵۱.۶۲$  degrees, respectively, which were reduced to  $۰.۷۴ \pm ۱.۰۱$  cm. and  $۳۱.۸۷$  degrees, respectively at the end of the study. **Conclusion:** The use of newly shaped and sized vacuum pumping and the massagor is an effective method in treating Peyronie's disease in the acute phase and can significantly reduce pain, curvature, plaque size, and increase erectile function.

## کلمات کلیدی:

Peyronie's Disease, penile curvature, penile plaque, Vacuum Therapy, Acute Phase, Conservative Therapy

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1380011>



