

# **ESWT in La Peyronie's Disease : Experience of Therapy with Equipment with US Guide in Line**

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ESWT therapy in La Peyronie's Disease in recent years has shown good results with its effects on cavernous bodies and against the fibrosis of the albuginea of cavernous bodies. In this study ESWT has been applied by protocols similar to those applied in orthopaedic diseases (one application weekly for 4 weeks ). In this study the patients after the 2nd session of therapy reported an improvement in their symptoms.

From January to May 2005, 22 patients with Induratio Penis Plastica (IPP ) were treated with ESWT . The age of the patients was between 48 and 75 years (average age 62.2 ). The lesions of the induratio were single plates (72%), some of them with calcification (9 of 22). The treatments were performed on flaccid penis with a piezoelectric device (WOLF PIEZOSON 300) with Ultrasound (US) imaging-guide in line. We performed our treatments weekly in 4-5 sessions of therapy.

Seventeen of 22 of the patients who were included in this study (77.2%) showed a decrease of the curvature of the penis, and 3 patients who had reported pain, reported the disappearance of this pain after 2 sessions of therapy. The plates that showed the largest improvement were those with calcification and those located on the middle of penis.

The importance of therapy with US guide is demonstrated by the results: the plates with calcifications showed the largest improvement because of their easier localization, moreover they are the most important lesions because they cause the highest degree of curvature. In the plates without calcifications, ESWT with US guide quickly resulted in a decrease in pain. This therapy showed its effectiveness by reducing the most important lesion of the disease which is the curvature of the penis.