

# **Improving the effectiveness of shock wave therapy in plantar fasciitis: A comparative trial**

## **Author:**

Gabriele Verratti, Miguel Angel Guedez, Myriam Capasso

## **Institutions:**

Servicios medicos ortho shock, Caracas, Venezuela

## **Device and producing company:**

EMS and Dornier

This is a prospective comparative study evaluating the effectiveness of simultaneous application of shock wave therapy, physiotherapy and use of at night splint as a method of treatment of chronic plantar fasciitis unresponsive to conventional treatment methods for 6 months or longer. The paper includes 637 patients with a control group of 172 patients that received shock wave treatment alone. This study aims to demonstrate efficacy and time for the reduction of pain and thickness of the plantar fascia as well as the return of the patient to his daily routine by comparing shock wave therapy as a stand alone treatment and shock wave therapy systematically combined with other therapeutic methods. The authors will present the effectiveness and the recovery time comparing both groups as well as long-term outcomes.