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## Ultrasound-guided surgery for the tarsal tunnel syndrome (UGAFDS): A novel ultra-minimally invasive approach

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The Tarsal Tunnel Syndrome (TTS) was first described by Keck et al. and Lam et al. in 1962 and yet we still don't know the real prevalence of this pathology, but we know other interesting data such as the plantar heel pain has a prevalence of 11-15% of the adults with foot problems and it has been seen that up to 88% of the patients with this chronic pain have some degree of entrapment.

The purpose of this study is for describe and proof the safety of a novel ultrasound-guided surgery for the decompression of the tibial nerve and its branches.

For the "*in vitro*" study, we performed the technique on 10 fresh-frozen feet (6 males, 4 female), which belong to the Body Donation Centre of the Completeness University of Madrid.

In our study we made the liberation of the tarsal tunnel without damaging any Nobel structure.

For the conclusion, it could be a promising technique to treat the TTS minimizing the possible adverse effects and complications.