Effect of Acupuncture TENS on Sciatic pain During Pregnancy

Heba Embaby¹*, Ahmed M. Aboeleneen², Racha Hegazy³, Ashraf Darweesh³

¹PhD, Lecturer of physical therapy, Department of physical therapy for Obstetrics and Gynaecology, Faculty of Physical Therapy, Cairo University, Giza, Egypt
²PhD, Lecturer of physical therapy, Department of Basic Sciences, Faculty of Physical Therapy, Cairo University, Giza, Egypt
³PhD, Lecturer of physical therapy, Department of physical therapy for neuromuscular disorders and its Surgery, Faculty of Physical Therapy, Cairo University, Giza, Egypt

Abstract: Sciatica is a common discomfort of pregnancy experienced in the lower extremity, affecting quality of life and minimizing social and economic efficacy and it is a major cause of work absenteeism and a financial burden to society. Objective: This study is carried out to determine the effect of Acupuncture TENS on sciatic pain during pregnancy. Methods: Twenty pregnant women with an exclusive diagnosis of sciatic pain with age ranged from 20-40 years, at the 2nd or 3rd trimester of pregnancy and their body mass index not exceeding 32 kg/m². Assessment for all participants was performed through analysis of plasma serotonin level, visual analogue scale (VAS), Straight leg raising test (SLR) and slump test before and after intervention. Results: The results showed improvement in pain level in both groups. However, the study group consistently demonstrated greater improvement in the outcome measures than the control group. Conclusion: Acupuncture TENS can be used safely and effectively in reducing sciatic pain in pregnant women.

Key words: TENS, Acupuncture, stretching exercises, sciatic pain, pregnancy.


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