

Adverse effects of percutaneous needle electrolysis in carpal tunnel syndrome

Segura León J.M.^{1,2} Medina i Mirapeix F.² Valera Garrido F.³

¹Centro Clifis Miguelturra, Ciudad Real, Spain

²Departamento de Fisioterapia. Universidad de Murcia, Murcia, Spain

³ Servicio de FisioterapiaMVClinic. Pozuelo de Alarcón. Madrid, Spain

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 application of percutaneous needle electrolysis in carpal tunnel syndrome. Material and Methods A descriptive observational study conducted at the Traur tology Service of the Ciudad Real Hospital, in patients with a medical diagnosis of car tunnel syndrome confirmed by electromyography (gold standard). Percutaneous needle electrolysis was applied under ultrasound guidance in superficial and deep interphase of the median nerve in its passage through the car tunnel, applied with a frequency of once every seven days over four weeks. The week after each intervention, the follow-up pattern of the adverse effects variat was gathered, grouped in the following categories: type of adverse effect, moment appearance, prevalence period, impact and causality. At 1.5 weeks and 6 weeks after the last intervention, the following variables were gather presence of painful or hypertrophic scar, stiffness at the level of the wrist, hand or finger 	rpal the pal oles t of
infection of the wound, alteration of reflex sympathetic trophism, symptoms related with nerve lesion, symptoms related with a tendon lesion, post intervention effusion. $^{-1}$ McNemar test was used for comparative measures between the first, second, third a fourth intervention, without significant variations (p < 0.05).	The
Results 30 cases participated in the study, of which one subject had to abandon treatment after the first application because of apprehension in relation to follow through with treatment.	
Of the 117 intervention applied, one vegetative reaction was recorded, which we transitory and without consequences. Pain appeared during the intervention in 96, of the interventions, after the intervention pain was present in 56%, whereas preservenced days after the intervention occurred in 28.4%. No cases required furt medical intervention, and there were no irreversible cases, independent of the cau. For the remaining variables, the records were negative in all interventions. No adverse effects were described for any cases at the follow up at 1.5 and 6 we	.5% bain her ise.
Keywords post-intervention.	
 percutaneous needle electrolysis adverse effects carpal tunnel syndrome Conclusions No adverse effects were described at the end of the intervention in the short to mid term. Regarding the follow-up pattern, the pain followed a high homogeneous course, there were no irreversible adverse effects requiring intervention, and no relationship was found with any cause on behalf of the patient. 	jhly

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