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经皮电神经刺激配合微波治疗痛性糖尿病周围神经病变疗效观察 [点此下载全文](#)

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摘要:

摘要目的: 观察经皮电神经刺激(TENS)配合微波治疗痛性糖尿病周围神经病变的效果, 制定出痛性糖尿病周围神经病变(PDN)的康复治疗模式。方法: 将61例痛性糖尿病周围神经病变患者随机分为治疗组(30例)与对照组(31例), 两组患者均接受常规糖尿病治疗, 另外实验组给予TENS配合微波治疗。在治疗前和治疗1个疗程(15d)后, 分别对两组患者进行问卷调查、定量感觉阈值、神经传导速度的评定, 并随访观察预后及进行疗效评价。结果: TENS配合微波治疗痛性糖尿病周围神经病变的治疗组与对照组相比, 经随访的问卷调查, 治疗组患者对四肢末梢神经的感觉异常恢复满意度及疼痛改善程度显著高于对照组; 两组间比较, 治愈率治疗组(26.7%)优于对照组(9.6%) ($P<0.05$), 总有效率治疗组(93.3%)优于对照组(48.3%) ($P<0.05$)。结论: TENS配合微波治疗, 能有效治疗痛性糖尿病周围神经病变, 用此疗法比患者单纯药物治疗疗效显著。

关键词: [经皮神经电刺激](#) [微波](#) [糖尿病周围神经病变](#)

Curative effect of transcutaneous electric nerve stimulation combined with microwave on painful diabetic peripheral neuropathy [Download Fulltext](#)

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Fund Project:

Abstract:

Abstract Objective: To observe the curative effect of transcutaneous electric nerve stimulation(TENS) combined with microwave on of painful diabetic peripheral neuropathy (PDN) and work out a rehabilitation mode for PDN. **Method:** A total of 61 cases with PDN were randomly divided into treatment group (30 cases) and control group (31 cases). All patients were treated with conventional diabetes therapy, in addition the experimental group was given TENS combined with microwave therapy. Before and after a treatment course (15 days), the two groups were assessed with questionnaire, quantitative sensory threshold, nerve conduction velocity assessment and follow-up observation on prognosis and curative effect evaluation. **Result:** After treatment, in treatment group patients' limb peripheral nerve paresthesia recovery satisfaction and pain improvement were significantly better than those in control group, the cure rate of treatment group (26.7%) was higher than that of control group (9.6%) ($P<0.05$), the total efficiency of treatment group (93.3%) was higher than that of control group (48.3%) ($P<0.05$). **Conclusion:** The treatment of TENS combined with microwave was effective for painful diabetic peripheral neuropathy, it's therapeutic effect was better than drug alone.

Keywords: [transcutaneous electrical nerve stimulation](#) [microwave](#) [diabetic peripheral neuropathy](#)

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