

A Review of Scrambler Therapy for Chronic Neuropathic Pain

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Reference	Study Type	Evidence Level	N	Diagnoses	Treatment	Treatment Duration (min.)	Pain reduction	Other Outcomes	Duration of Effect
Starkweather et al. [18]	Ran ^a	II	Placebo=15, ST=15	LBP	10	30	Control, ST 47% with >50% reduction	Genetic markers for pain	3weeks
Marineo et al. [1]	Ran ^b	III	52(drug treatment n=26, n=26) ST	PS, PHN, SCS	10	45	Control 28% ST 91%	Allodynia (improved)	3 months
Notaro et al. [14]	Pros	IV	25	CP (bone)	10	30-40	66%	Sleep hours (increased)	7.7± 5.3
Pachman et al. [22]	Pros	IV							

Rand=randomized Pros=prospective, Retro=retrospective, CS=Case Series, CR=Case Report, LBP=lower back pain, PS=post-surgical pain, neuropathic NP=pain, post-herpetic neuralgia=PHN, SCS=spinal canal stenosis, CP=cancer pain, TN=trigeminal neuralgia, BP=brachial plexopathy, FBSS=failed back surgery syndrome, SP=sciatic pain, LP=lumbar pain, PuN=pudendal neuropathy, PMP=post-mastectomy pain, RP=radiation related pain, SSSP=single-site spine pain, MSP=multi-site pain, CRPS=complex regional pain syndrome, PN=peripheral neuropathy, PolyN=polyneuropathy, NocP=nociceptive pain.

^a=sham-controlled; ^b=stratified

Cancer-related pain

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