



CBD and Neuropathic Pain After Spinal Cord Injury

Neuropathic pain following spinal cord injury can be persistent and difficult to manage, which makes the search for new approaches particularly important.

A recent randomized, placebo-controlled crossover study investigated oral cannabidiol (CBD) in 40 people living with chronic neuropathic pain following spinal cord injury. CBD was gradually increased to doses of up to 800 mg per day.

During CBD treatment, participants reported significantly lower pain than during placebo treatment. The difference was modest — approximately 0.54 points on a 0–10 pain scale — but statistically significant. Most reported adverse events were minor.

Potential application

The study provides clinical evidence supporting further investigation of CBD for neuropathic pain. Importantly, this was high-dose pharmaceutical-style CBD research, so the findings should not automatically be extrapolated to lower-dose consumer CBD products.

Reference

Robertson RV, Suraev A, McCartney D, et al. High-dose cannabidiol for chronic neuropathic pain associated with spinal cord injury: a randomised clinical trial. *EClinicalMedicine*. 2026;96:103986.

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