

CURONIX

Freedom®  
Peripheral Nerve Stimulator (PNS)  
System

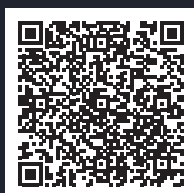
CLINICAL STUDY SUMMARY

# Efficacy of Peripheral Nerve Stimulation with a High Frequency Electromagnetic Coupled (HF-EMC) Powered Implanted Receiver in Treating Different Pain Targets/Neuralgias

*Journal of Pain Research*

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View the study here



## Study Background

### Objective

Retrospective study reviewing the effectiveness of the Freedom Peripheral Nerve Stimulator (PNS) System for different painful neuralgias utilizing frequencies of 1499 Hz.

### Methods

The authors designed a retrospective study, reviewing electronic medical records. Statistical analysis was performed using SPSS 26; p-value  $\leq 0.05$  was considered significant.

## Targeted Nerves

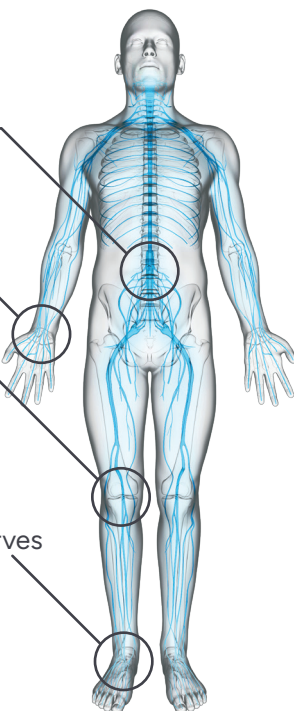
Total of 57 Patients

Superior Cluneal (N=15)  
and Middle Cluneal (N=7) Nerves

Radial and Ulnar Nerves (N=1)

Genicular Nerve (N=19)

Posterior Tibial  $\pm$  Sural (N=14)  
and Common Peroneal (N=1) Nerves



## Key Results

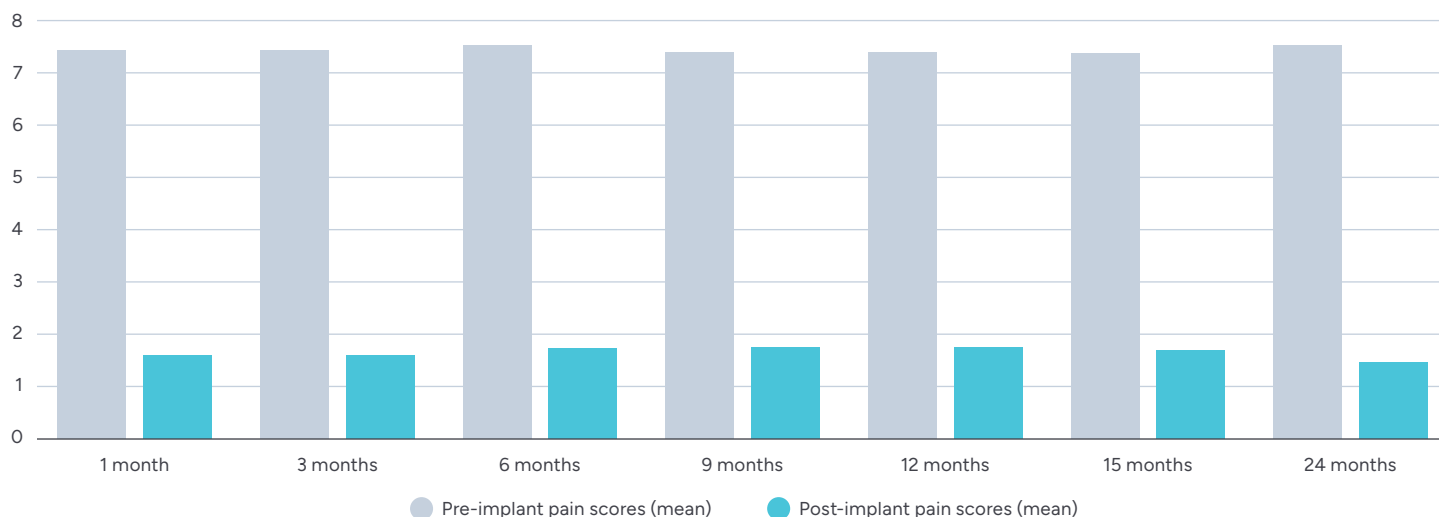
# 47%

Patients had a 47% significant medication reduction at 24 months post-implant.\*

# 70%+

Patients reported more than a 70% improvement in pain at all follow ups.

### Comparison between pre- and post-implant pain scores.



\* MME opioid use reduction scale