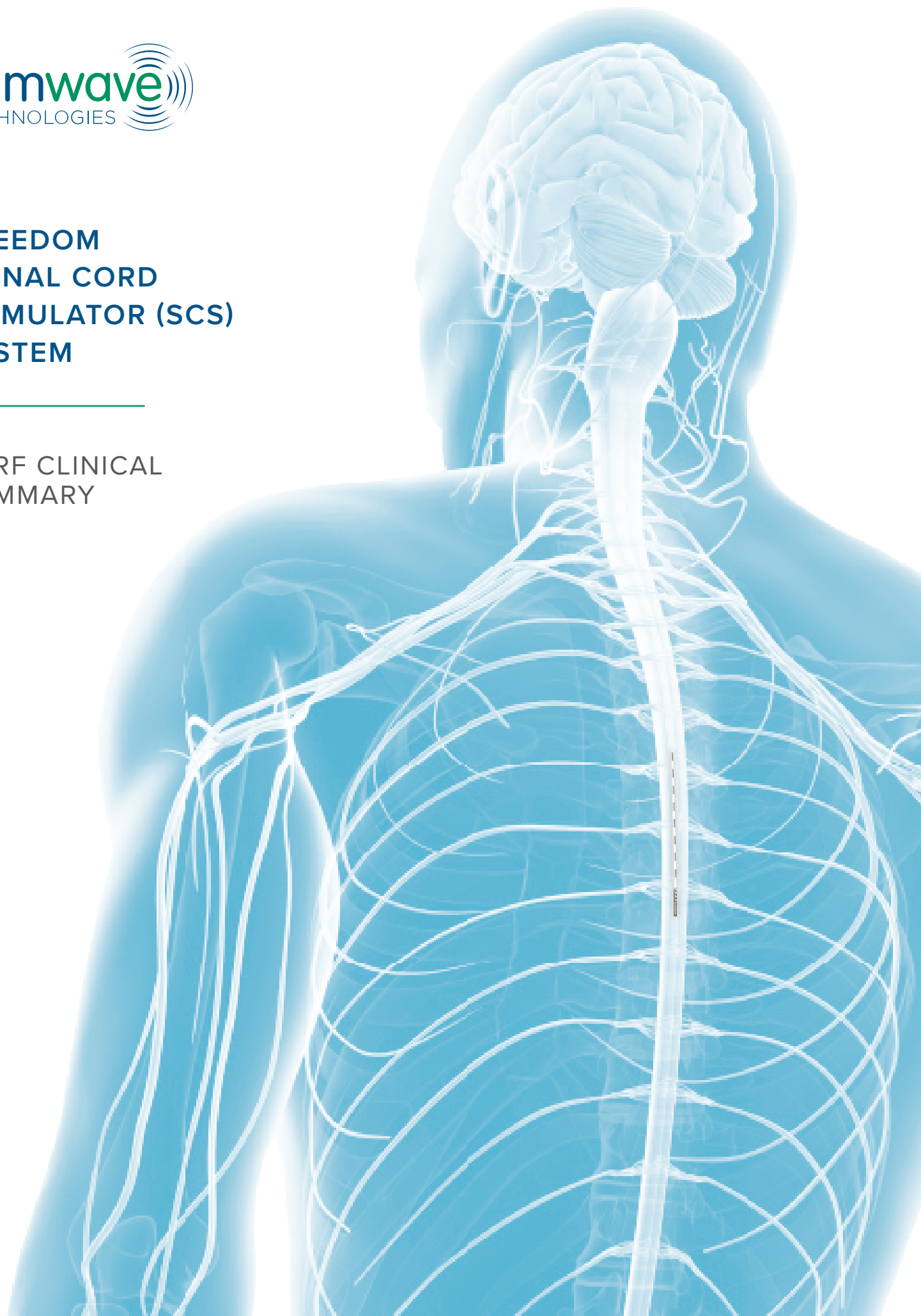




# **FREEDOM SPINAL CORD STIMULATOR (SCS) SYSTEM**

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**SURF CLINICAL  
SUMMARY**



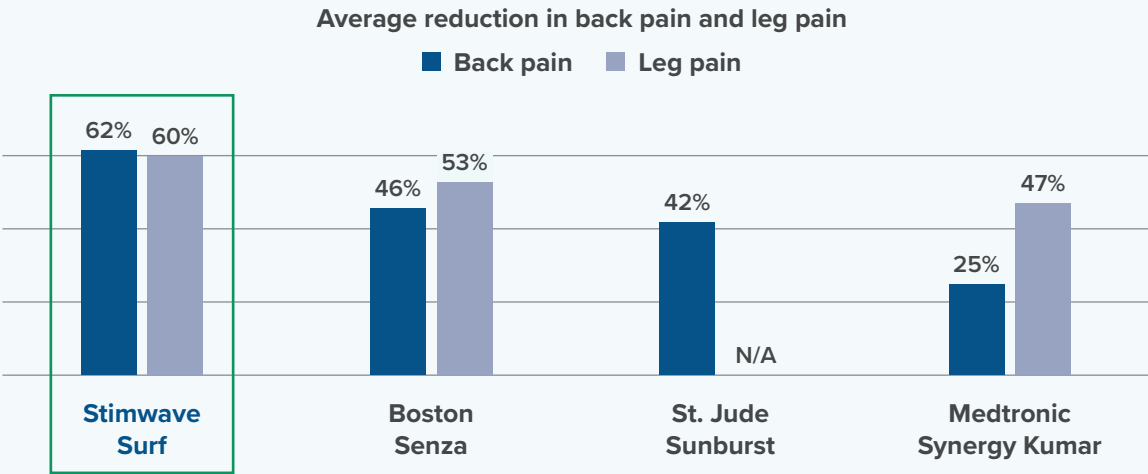
STUDY OBJECTIVE:

Analyze the effectiveness of the Freedom Spinal Cord Stimulator System (SCS) for failed back surgery utilizing frequencies of up to 1500 Hz.

While 1500 Hz was utilized in the study, Stimwave Technologies is currently only permitted to provide spinal cord stimulation therapy at frequencies below 1500 Hz, therefore pulse rates used in this study are not commercially available on Stimwave Technologies' products

KEY RESULTS:

The SURF Study Demonstrated Superior Outcomes vs. Other SCS Studies



Freedom SCS Reduces Back and Leg Pain (VAS<sup>1</sup>):

85%

of Patients Experienced ≥ to a 50% Reduction in Back Pain at 6 Months

Freedom SCS Reduced Patient Disability (ODI<sup>2</sup>):

82%

of patients reported a decrease in their level of disability  
Mean disability scores improved 46%

Quality of Life Increased for Freedom SCS Patients (EQ-5D-5L<sup>3</sup>):

80%

of patients reported a better quality of life

The median satisfaction score with PGIC<sup>4</sup> was 6 out of 7



<sup>1</sup> Visual Analogue Scale measuring patient pain.  
<sup>2</sup> Oswestry Disability Index measuring patient's level of functional disability.

<sup>3</sup> Descriptive system measuring quality of life in adults  
<sup>4</sup> Patients' Global Impression of Change scale, measuring improvement and satisfaction.