

NANS RFS presents

EFFECTIVE RELIEF OF PAIN AND ASSOCIATED SYMPTOMS WITH CLOSED-LOOP SPINAL CORD STIMULATION SYSTEM

PROSPECTIVE, MULTI-CENTER,
SINGLE-ARM STUDY. SUBJECTS
18 OR OLDER WITH CHRONIC
BACK AND/OR LEG PAIN THAT
WAS REFRACTORY TO
CONSERVATIVE MEDICAL
THERAPY FOR AT LEAST THREE
MONTHS





AFTER A TRIAL PERIOD
(AVERAGE 7 DAYS), SUBJECTS
WITH >40% REDUCTION IN
THEIR BASELINE PAIN WERE
GIVEN THE OPTION FOR
PERMANENT IMPLANTATION



RESULTS







| | Trial (n=51) |
|------|----------------------------|
| | |
| Perm | anent implant visit (n=36) |
| | |
| | 1 month visit (n=35) |
| | |
| 7 | 3 month visit (n=31) |
| 23 | |
| | 6 month visit (n=32) |

| | Baseline | 3 Months | 6 Months |
|---------------------------|----------|----------|----------|
| Overall Disability Index | | | |
| N | 36 | 30 | 30 |
| Mean ODI score | 52.3 | 33.6 | 30.4 |
| Mean change from baseline | 5 | p<0.0001 | p<0.0001 |
| Quality of Life index | | | |
| N | 36 | 31 | 32 |
| Mean ODI score | 0.422 | 0.658 | 0.714 |
| Mean change from baseline | | p<0.0001 | p<0.0001 |

Pain relief experienced across this cohort was extensive: approximately 80% in the back, leg, and overall pain at three and six months

>60% of subjects were profoundresponders (80% pain relief) at six months for back and leg pain, respectively



Brought to you buy #NANSRFS

Russo M., Cousins M.J., Brooker C., Taylor N., Boesel T., Sullivan R., Poree L., Shariati N.H., Hanson E., Parker J. 2018. Effective Relief of Pain and Associated Symptoms With Closed-Loop Spinal Cord Stimulation System: Preliminary Results of the Avalon Study. Neuromodulation 2018; 21: 38–47.