Results To date, a total of 10-patients (5 Female, mean age 61 ± 9.5 years) who received both SCS and PNFS for the treatment of their pain were analyzed. At baseline, a mean score of 7.6 ± 1.4 (NRS) was reported which reduced to 2.7 ± 1.3 (n = 4.9) at last follow-up (median = 516 days). Data collection and analysis is still ongoing, and updated, new results will be presented.

Conclusions Results of this observational case-series so far demonstrate that patients who use PNFS along-with SCS for treatment of chronic pain can achieve significant and clinical meaningful pain relief.

Background and Aims Collection of real-world data can offer the aggregation of additional evidence and help drive discovery of new therapeutic aspects for evaluation in future clinical studies. In this report, we describe real-world outcomes from a cohort of patients who received pulsed radiofrequency (PRF) ablation as a treatment method for the treatment of chronic pain.

Methods This is a real-world, retrospective, observational, case-series study of patients in Europe who used a device capable of pulsed radiofrequency ablation (Boston Scientific, Marlborough, MA, USA) for treatment of chronic pain. Key data and clinical assessments include demographic characteristics, pain diagnosis, baseline and post-treatment pain scores, and percent pain relief.

Results To date, 31 patients have been assessed with an average age of 69.3 ± 10.6 years (n = 23). At post-procedure and last follow-up (mean=289 ± 358 days, median 119 days), significant improvement (p<0.0001) in pain intensity scores was documented. In particular, a 5.1-point NRS score improvement versus baseline (7.9) was observed at last follow-up (mean=289 ± 358 days, median 119 days). A higher responder rate (proportion of patients with >50% pain relief) post-procedure at last follow-up was also observed (79.5%; 43/54).

Conclusions The data collected from this clinical investigation aims to accrue additional real-world evidence regarding the use of TRF as a strategy for use in the treatment of chronic pain.