REDUCTION OF PAIN-CAUSING INFLAMMATION IN POST-OPERATIVE LUMBAR PATIENTS

In a Clinical Trial, Provant® Therapy was Associated with a Decrease in hsCRP, Indicating a Reduction in Pain-Causing Inflammation

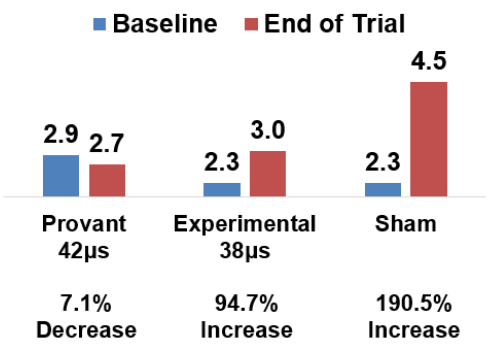
August 2018 News Update

Highlights:

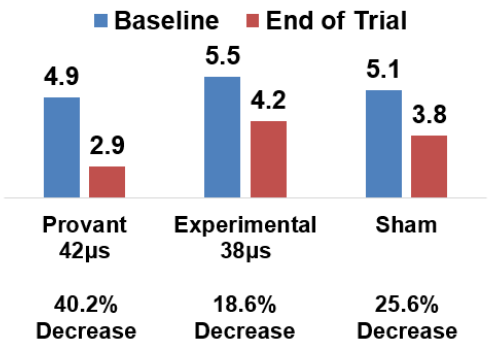
- C-reactive protein (CRP) increases in the blood with inflammation and infection. The high-sensitivity CRP (hsCRP) test measures low levels of CRP in the blood.[1]
- Subjects completed a multicenter, randomized, sham-controlled trial. Treatments were twice a day for 60 days.
- 3 trial arms: Current Provant Therapy 42µs pulse, experimental 38µs pulse, and inactive sham.
- hsCRP levels were assayed at trial enrollment (baseline) and at the end of the trial.
- A decrease in the mean hsCRP level in the Provant Therapy 42µs group suggests that Provant is having a therapeutic effect on inflammation, compared to experimental 38µs and sham arms which had increases in hsCRP.
- Energetics matter: Different energetic settings have a dramatic effect on clinical efficacy.[2]

The reduction of the inflammatory marker hsCRP was consistent with a beneficial effect of Provant Therapy over sham control, and over an experimental energetic setting, in pain reduction

hsCRP: Active Provant Therapy Achieved a Reduction in hsCRP, whereas Experimental and Sham increased (mg/L)



Back Pain: Active Provant Therapy Achieved Clinically Meaningful Pain Reduction, whereas Experimental and Sham did not (11-point scale)



The complete clinical trial findings are available here.

For postoperative pain relief, consider Provant Therapy, which is safe, non-drug pain management. Provant is high-energy, dual-field electromagnetic therapy. To learn more, please contact your Regenesis Biomedical representative, or visit www.regenesisbio.com.

You can keep up with the latest pain management news by clicking these links to follow us on social media:

If you have colleagues that would like to receive these monthly newsletters, please forward this email to them; they may subscribe by emailing us at newsletter@regenesisbio.com

References:

1. American Association for Clinical Chemistry. https://labtestsonline.org/tests/high-sensitivity-c-reactive-protein-hs-crp
2. Sorrell, R.G. Evaluation of pulsed electromagnetic field therapy for the treatment of chronic postoperative pain following lumbar surgery: a pilot, double-blind, randomized, sham-controlled clinical trial. Journal of Pain Research, 2018:11, 1209-1222.