

## 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

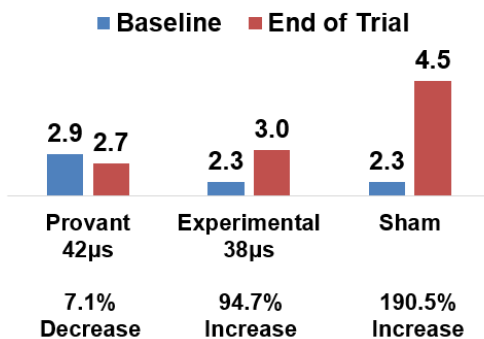
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#### Highlights:

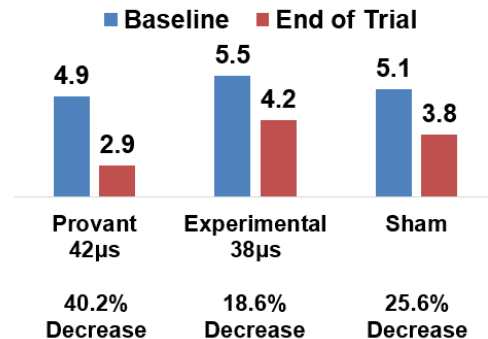
- C-reactive protein (CRP) increases in the blood with inflammation and infection. The high-sensitivity CRP (hsCRP) test measures low levels of CRP in the blood<sup>1</sup>
- Subjects completed a multicenter, randomized, sham-controlled trial. Treatments were twice a day for 60 days
- 3 trial arms: Current 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<sup>2</sup>

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 Regenesi Bio Biomedical representative, or visit [www.regenesibio.com](http://www.regenesibio.com).

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



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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.