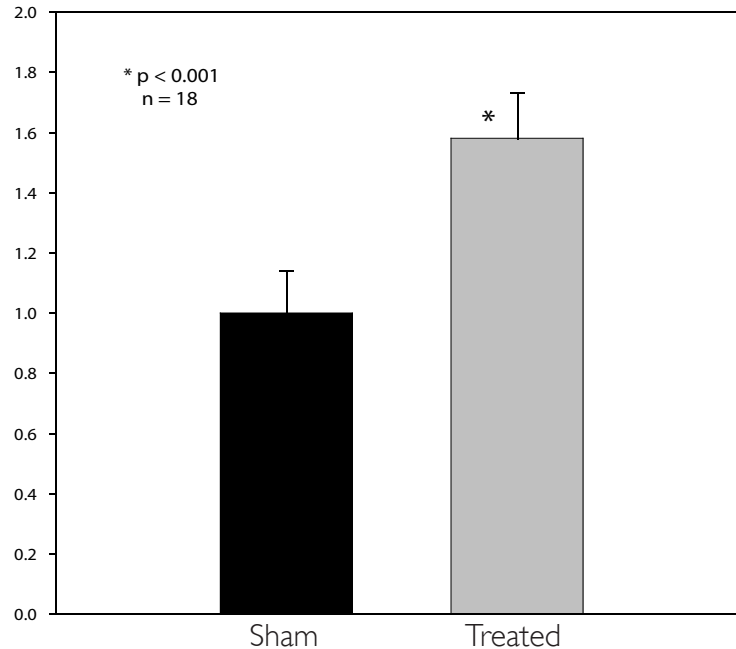


Assisi™ Animal Health

Assisi products are supported by a substantial and growing body of basic science and clinical research.

Accelerates Wound Healing

- Treated wounds heal faster
- 58% stronger than untreated
- Rapidly resolves post-operative pain and edema



Strauch et al. 2007. PRS. 120:425-30, Strauch 2009

Post-Surgical Healing

Significantly Reduces Pain Due to OA

- Assisi's tPEMF has been effective in treating OA in humans¹ (significant pain reductions)
- PEMF signals have been demonstrated to slow the progression of OA in animals²
- Some PEMF signals have improved cartilage survival in cell models³

Buddah being treated for OA of the hips



1. Nelson, 2009, (submitted), 2. Ciombor, 2004, 3. Fini, 2005.

Osteoarthritis

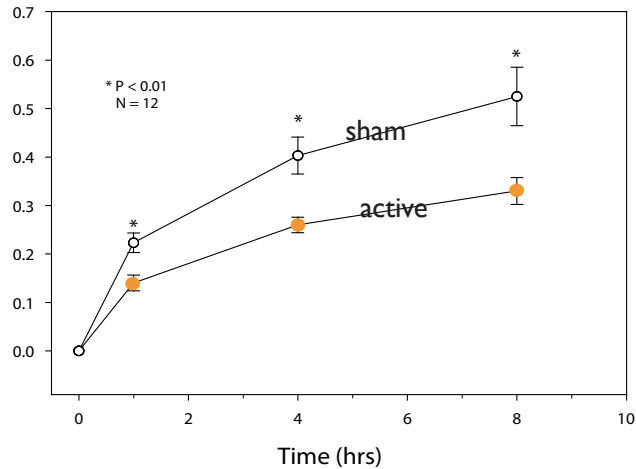
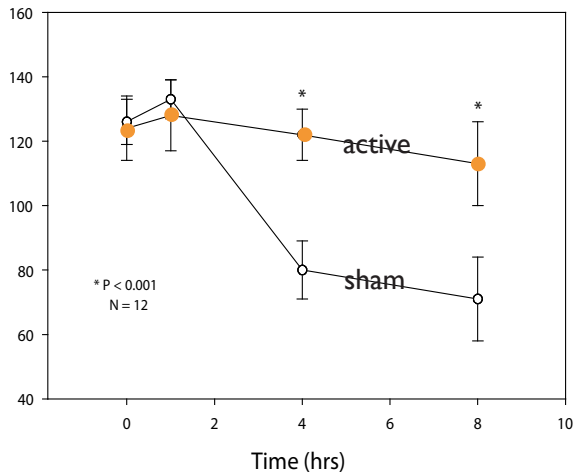
Assisi™ Animal Health

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Superior Treatment of Inflammation

- Significantly less pain and swelling, results comparable to NSAIDs



Pain 100% inhibited in active group; Pain tolerance decreased by 59% ($P < 0.001$) at 8 hours in sham group

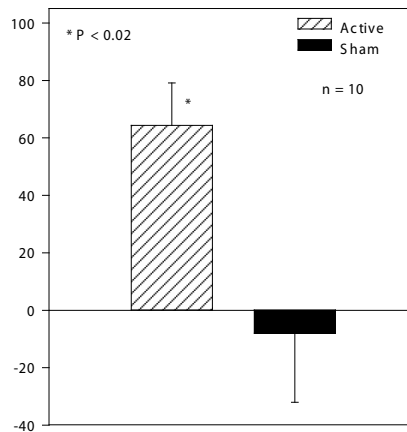
Significantly greater edema in sham group 61% ($P = 0.003$) vs. active group at 8 hours

Standard animal model for assessing anti-inflammatories (Carageenan injection model). Data from Johnson et al., BEMS, San Diego, 2008, . Comparison based on al-Swayeh, 2000.

Inflammation

Faster Healing of Chronic Wounds

- 72% improved wound closure in sacral ulcers in treated paraplegics
- Reduces wound care costs 60%

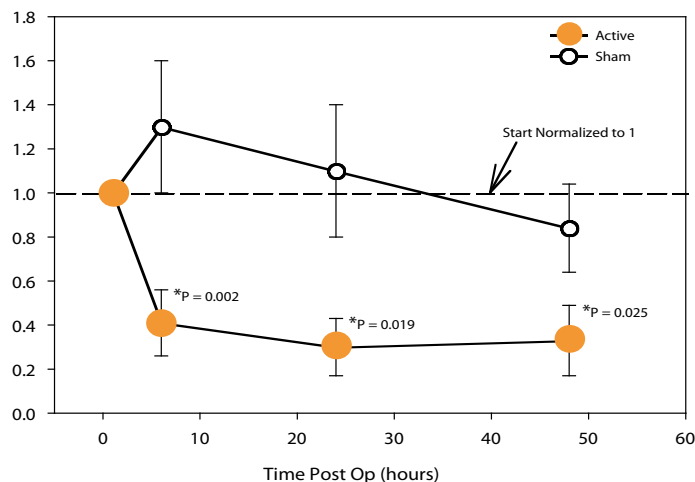


Alvarez, 2008

Wound Healing

tPEMF Reduces Post-Surgical Pain

- 65% less pain in treated patients 6 hours after surgery
- 2.4x decrease in pain medication in active group



Mean VAS decreased to $\approx 35\%$ of max at 6 hrs post-op in active group, vs an increase of 30% in sham group ($\approx 3X$ PEMF effect, $P = 0.002$). Pain had not significantly decreased in sham group by 48 hrs post-op.

Rohde, 2009 BEMS

Pain Management