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**Subject:** News from Orthopedic Manual Therapy Seminars

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## Orthopedic Manual Therapy Seminars Newsletter AAOMPT 2004

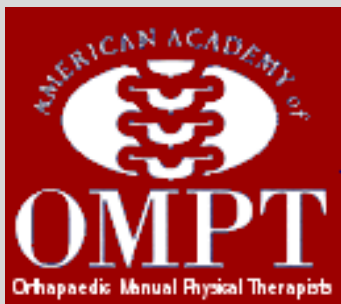
### Greetings!

This year is coming to a close and to remind you that next year's Long Term Course is fast approaching. We will be starting the third full weekend of January with our once a month format. This past years course was a success and you can peruse the participant comments from this year on our website.

We hope that you and your families will have a wonderful holiday season. Look forward to hearing from you this year.

## AAOMPT 2004

Jim Bezell



The American Academy of Orthopedic Manual Physical Therapists annual meeting was held in Louisville at the end of October. Key note speakers include Brian Mulligan and Karim Khan. Both did highly entertaining and informative talks relevant to manual therapy.

Brian Mulligan outlined his approach to manual therapy and reported on some of the research that is being performed relevant to his techniques. Dr. Khan provided an excellent overview of the current concepts of tendinopathy and its treatment.

[AAOMPT](#)

## Sacroiliac Manipulation Research

Jim Beazell

I presented the results of our research on EFFICACY OF INJECTION AND MANIPULATION IN CHRONIC SACROILIAC PAIN. This research was well recieved with another poster presentation on gait changes after treatment of inominate rotation dysfunction also using the Gaitrite mat.

Dr. Julie Fritz did the key note address on Research Day emphasizing the attainment of autonomy of practice-what that entails and the responsibilities that come with it. The research abstracts are published in the Journal of Manual and Manipulative Therapy.

## Fellowship

Jim Beazell

### Accepting applications!!

We have one person already applying for the Fellowship to be offered in conjunction with Healthsouth. We need to have two Fellows at least to make this work. If you know anyone that may be interested have them check out our website and/or have them contact me: James Beazell, Director james.bezell@healthsouth.com

## Abstract SIJ research

Beazell JR,  
Hamill-Ruth R,  
Roberts D

**Abstract Study Design.** A prospective cross-sectional study of patients with sacroiliac joint dysfunction. **Objectives.** To determine the therapeutic efficacy of sacroiliac joint injections and joint manipulation as measured by patient report and gait analysis. **Summary of Background Data:** Among patients with complaints of low back pain, 15-30% are caused by sacroiliac joint dysfunction. Diagnosis of these patients is challenging. Physical exams among practitioners have proven to be unreliable. We have added gait analysis to the assessment methodology to obtain a more quantitative, reproducible metric. **Methods.** Twenty-eight patients presenting with pain in the sacroiliac region and with positive provocative tests were recruited. Each patient received an SI joint injection and a manipulation. Gait data were obtained on patients prior to injection, after their injection and a third time after their manipulation on the same day. A Numerical Rating Scale score and the Pain Disability Index were verbally obtained on each patient. **Results:** Step length and velocity were the only gait measurements that were found to be significantly different from baseline to post-injection and baseline to post-manipulation ( $p < 0.05$ ). In examining the symmetry of gait parameters of the injected side verses the non-injected side, we determined that patient's gait improved between baseline to post-injection, but decreased post-injection to post-manipulation. **Conclusion:** We determined that SI joint injections combined with manipulation therapy yielded a more significant change in gait parameters than SI joint injections alone. This was seen in that patients moved faster and took longer steps over less time after having the combination of therapies verses injections alone.

## James Bezell

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