



David A Wallace, Doctoral Candidate
Department of Exercise and Sport Science
Oregon State University, 24B Women's Building, Corvallis, Oregon 97331-1234
Office 541-737-5922 | Fax 866-230-6524 | E-mail wallaced@onid.orst.edu

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ISB Grant Awards Council
Dr Alex Stacoff
Laboratory for Biomechanics, ETH Zurich
ETH Hönggerberg HCI E 365.1
8093 Zürich

Dr Stacoff,

I would like to offer my sincere gratitude to the International Society of Biomechanics and particularly the Awards Committee for awarding me with a \$2,000.00 ISB student Dissertation Grant for 2005. It was a substantial and very helpful financial support for my work and afforded me the ability to utilize the optimal tools to conduct my research.

The funds were used for my dissertation, entitled "The Efficacy of Lateral Heel Wedge Orthotics for the Treatment for Patents with Knee Osteoarthritis", to pay for the custom lateral heel wedge orthotics for 22 subjects at \$75/pair. In addition, I used \$350.00 in newspaper advertising to recruit patients for my study. Patients wore the lateral heel wedge orthotics for 3 months and were tested every 6 weeks in our motion analysis laboratory.

Custom Orthotics	\$75/pair @ 22 pairs	\$1,650.00
Recruitment	3x5 inch Newspaper Advertisement	\$350.00
	TOTAL	\$2,000.00

I have completed data collection and currently, I am in the data analysis phase of my research. Preliminary results indicate the heel wedge orthotics significantly reduced the patient's external knee adduction joint moment suggesting a total decrease in medial knee joint loading. This is accompanied by a reduction in the patient's pain levels as measured using the WOMC™ and visual analog pain scales.

I will send along a full report to be included in the ISB Newsletter with my final results.

Sincerely,

David Wallace MS, PT