



PASIG MONTHLY CITATION BLAST: No.7

January 2006

Dear PASIG members:

We look forward to seeing you at Combined Sections Meeting in San Diego. We hope our members will attend all of our PASIG programming, business meeting, and mingle at our reception as well as support our members presenting their research. Below is a summary of PASIG activities and performing arts-related presentations at CSM. Stop by the Orthopaedic Section table for a handout on other PA-relevant topics.

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Friday, February 3

1:00 – 5:00 **PASIG PROGRAMMING**

Location: Convention Center 7B

(confirm location with onsite programming updates)

Evaluation and management of lumbar and pelvic dysfunction in the performing artist.

1:00 – 2:00 Lumbar spine mobilization and manipulation: What does the evidence tell us and how can it be applied to the performing arts population. **John David Childs, PT, PhD, OCS, FAAOMPT**

2:00 – 2:45 SI joint dysfunction, evaluation and physical therapy management. **Mike Cibulka, PT, DPT, MHS, OCS**

2:45 – 4:00 Non operative medical management of lumbar pain and injury in performing artists. **Robert Watkins, Jr. MD**

4:00 – 5:00 Case studies in Performing Artists.

CASE 1: Muscular imbalance issues and SIJ treatment in a performing artist. **Shaw Bronner PT, PhD, OCS**

CASE 2: Non-operative management of lumbar stress fractures in dancers and figure skaters. **Airelle O. Hunter PT, MPT, SCS, CSCS**

CASE 3: Lumbar spine stabilization training in dancers. **Leigh Anne Roberts, PT, MPT, OCS**

5:00 – 6:00 **PASIG Business Meeting**

6:00 – 8:30 **PASIG Reception**

PLATFORMS / POSTERS

Saturday 11:00 – 1:00 POSTERS

237 The effects of training on spine-hip ratio in dancers during a reaching task.
Dickinson EL, Thomas JS.

Saturday Orthopaedic Platform Session B

1:00 - 1:15 Reliability and validity of electrogoniometry for measurement of lower extremity dance movement. Speaker: S Bronner.

1:15 - 1:30 Lower extremity functional motion requirements in common dance movements. Speaker: S Bronner.

1:30 - 1:45 Prevalence of joint hypermobility and correlation with injury in professional and student modern dancers: A preliminary investigation. Speaker: M Garlington.

1:45 - 2:00 Reliability and validity of a new electrogoniometer ankle sensor for lower extremity dance movement. Speaker: S Bronner.

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Plans for the 2006 year include special topic citation blasts. Our first special topic will be *pathology of the sesamoids*. Anyone interested in overseeing a special topic citation blast, please volunteer. As always, your comments and entry contributions to these Citation BLASTs are always welcome. Please drop me an e-mail anytime.

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ICE SKATING

CALL FOR HELP IN COLLECTING NEW REFERENCES ON THIS TOPIC AREA!

General

Bruine de Bruin, W. (2005). Save the last dance for me: Unwanted serial position effects in jury evaluations. *Acta Psychol (Amst)*, 118(3), 245-260.

Injury and Epidemiology

Bracko, M. R. (2001). On-ice performance characteristics of elite and non-elite women's ice hockey players. *J Strength Cond Res*, 15(1), 42-47.

O'Rourke, K. P., Mun, S., Browne, M., Sheehan, J., Cusack, S., & Molloy, M. (2005). A retrospective study of the demographics of sport and exercise injuries in 1143 children presenting to an Irish emergency department over a 6-month period. *Eur J Pediatr*, 164(7), 421-426.

GYMNASTICS

Biomechanics and Motor Control

Koh, M. T., & Jennings, L. S. (2003). Dynamic optimization: Inverse analysis for the Yurchenko layout vault in women's artistic gymnastics. *J Biomech*, 36(8), 1177-1183.

Zentgraf, K., Stark, R., Reiser, M., Kunzell, S., Schienle, A., Kirsch, P., et al. (2005). Differential activation of Pre-SMA and SMA proper during action observation: Effects of instructions. *Neuroimage*, 26(3), 662-672.

General

Adiyaman, P., Ocal, G., Berberoglu, M., Evliyaoglu, O., Aycan, Z., Cetinkaya, E., et al. (2004). Alterations in serum growth hormone (gh)/gh dependent ternary complex components (igf-i, igfbp-3, als, igf-i/igfbp-3 molar ratio) and the influence of these alterations on growth pattern in female rhythmic gymnasts. *J Pediatr Endocrinol Metab*, 17(6), 895-903.

Caine, D. J., & Nassar, L. (2005). Gymnastics injuries. *Med Sport Sci*, 48, 18-58.

Injury and Epidemiology

Agarwal, V., Wakhlu, A., Aggarwal, A., Pal, L., & Misra, R. (2004). Eosinophilic fasciitis. *J Assoc Physicians India*, 52, 244-245.

Injury and Rehabilitation

Krijnen, M. R., Lim, L., & Willems, W. J. (2003). Arthroscopic treatment of osteochondritis dissecans of the capitellum: Report of 5 female athletes. *Arthroscopy*, 19(2), 210-214.

Tsuda, E., Ishibashi, Y., Sato, H., Yamamoto, Y., & Toh, S. (2005). Osteochondral autograft transplantation for osteochondritis dissecans of the capitellum in nonthrowing athletes. *Arthroscopy*, 21(10), 1270.

Other – related

McHugh, M. P., Tyler, T. F., Tetro, D. T., Mullaney, M., & Nicholas, S. J. (2005). Risk factors for noncontact ankle sprains in high school athletes: The role of hip strength and balance ability. *Am J Sports Med*.

MUSIC

Biomechanics and Motor Control

Baader, A. P., Kazennikov, O., & Wiesendanger, M. (2005). Coordination of bowing and fingering in violin playing. *Brain Res Cogn Brain Res*, 23(2-3), 436-443.

Bangert, M., & Altenmüller, E. O. (2003). Mapping perception to action in piano practice: A longitudinal DC-EEG study. *BMC Neurosci*, 4(1), 26.

Bella, S. D., Peretz, I., & Aronoff, N. (2003). Time course of melody recognition: A gating paradigm study. *Percept Psychophys*, 65(7), 1019-1028.

General

de Greef, M., van Wijck, R., Reynders, K., Toussaint, J., & Hesselings, R. (2003). Impact of the Groningen Exercise Therapy for Symphony Orchestra Musicians Program on perceived physical competence and playing-related musculoskeletal disorders of professional musicians. *Med Probl Perform Artists, 18*(4), 156-160.

Injury and Epidemiology

Brandfonbrener, A. G., & Robson, C. (2004). Review of 113 musicians with focal dystonia seen between 1985 and 2002 at a clinic for performing artists. *Adv Neurol, 94*, 255-256.

Hagberg, M., Thiringer, G., & Brandstrom, L. (2005). Incidence of tinnitus, impaired hearing and musculoskeletal disorders among students enrolled in academic music education - a retrospective cohort study. *Int Arch Occup Environ Health, 78*(7), 575-583.

Injury and Rehabilitation

Amadio, P. C. (2003). Management of nerve compression syndrome in musicians. *Hand Clin, 19*(2), 279-286, vi-vii.

Dawson, W. J. (2005). Intrinsic muscle strain in the instrumentalist. *Med Probl Perform Artists, 20*(2), 66-69.

DANCE

Biomechanics and Motor Control

Brown, S., Martinez, M. J., & Parsons, L. M. (2005). The neural basis of human dance. *Cereb Cortex*.

Calvo-Merino, B., Glaser, D. E., Grezes, J., Passingham, R. E., & Haggard, P. (2005). Action observation and acquired motor skills: An fMRI study with expert dancers. *Cereb Cortex, 15*(8), 1243-1249.

General

Adam, M. U., Brassington, G. S., & Matheson, G. O. (2004). Psychological factors associated with performance-limiting injuries in professional ballet dancers. *J Dance Med Sci, 8*(2), 43-46.

Barrell, G. M., & Terry, P. C. (2003). Trait anxiety and coping strategies among ballet dancers. *Med Probl Perform Artists, 18*(2), 59-64.

Injury and Epidemiology

Dobson, R. (2005). Eight in 10 dancers have an injury each year, survey shows. *BMJ, 331*(7517), 594.

Mayers, L., Judelson, D., & Bronner, S. (2003). The prevalence of injury among tap dancers. *J Dance Med Sci, 7*(2), 121-125.

Injury and Rehabilitation

Maquirriain, J. (2005). Posterior ankle impingement syndrome. *J Am Acad Orthop Surg, 13*(6), 365-371.

Martinez, S. F., & Murphy, G. A. (2005). Tibial stress fracture in a male ballet dancer: A case report. *Am J Sports Med, 33*(1), 124-130.

Other - Related

Aktas, G., & Ogce, F. (2005). Dance as a therapy for cancer prevention. *Asian Pac J Cancer Prev, 6*(3), 408-411.

Holm, A. K., Lepp, M., & Ringsberg, K. C. (2005). Dementia: Involving patients in storytelling--a caring intervention. A pilot study. *J Clin Nurs, 14*(2), 256-263.

OTHER - ARE YOU PAYING ATTENTION??

Beekman, M., Doyen, L., & Oldroyd, B. P. (2005). Increase in dance imprecision with decreasing foraging distance in the honey bee *Apis Mellifera* L. is partly explained by physical constraints. *J Comp Physiol A Neuroethol Sens Neural Behav Physiol, 1-7*.