



## **PASIG MONTHLY CITATION BLAST: No.8**

**March 2006**

Dear Orthopaedic Section and PASIG members:

The PASIG sends a warm thank you to our speakers and all those who attended our PASIG programming entitled "Evaluation and management of lumbar and pelvic dysfunction in the performing artist."

In June, 2005, the PASIG Research Committee initiated a monthly Citation BAST on performing arts-related topics. Each month we send a new list of PA-citations to members of the PASIG to further the pursuit of PA-related scholarship. Orthopaedic Section members have also been included in this March 2006 BLAST, to alert Orthopaedic members about the PASIG and this service. Following this BLAST, you must sign up to be a PASIG member if you wish to continue receiving this Citation BLAST. (To join the PASIG, go to the Orthopaedic Section webpage: [www.orthopt.org](http://www.orthopt.org) and you will find a membership application in the menu on the left). Each month's citations will be added to specific EndNote libraries:

- 1) Ice Skating,
- 2) Gymnastics,
- 3) Music,
- 4) Dance

These updated libraries will, in turn, be posted on the PASIG webpage for our members to access and download. (Please note: information about EndNote referencing software can be found at <http://www.endnote.com>, including a 30-day free trial).

Don't forget, the PASIG sponsors an annual student research scholarship. This award is to recognize students, who have had an abstract accepted to CSM, for their contribution to performing arts medicine and research. We encourage you to mentor your students in PA-related research and have them apply! If the PASIG Research Committee can assist students, please contact us. For more information on the research award please check our webpage ([www.orthopt.org/sig\\_pa.php](http://www.orthopt.org/sig_pa.php)).

Plans for 2006 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 contact me with your suggestions and to volunteer. As always, your comments and entry contributions to these Citation BLASTs are always welcome. Please drop me an e-mail anytime.

Finally, clinicians, if you accept students for a performing arts clinical affiliation, please contact me so that we can update our webpage. The PASIG is an important clearinghouse for this information.

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## **ICE SKATING**

Call for help in collecting new references on this topic area!

## **GYMNASTICS**

### Biomechanics and Motor Control

Arampatzis, A., Morey-Klapsing, G., & Bruggemann, G. P. (2005). Orthotic effect of a stabilising mechanism in the surface of gymnastic mats on foot motion during landings. *J Electromyogr Kinesiol*, 15(5), 507-515.

Davidson, P. L., Mahar, B., Chalmers, D. J., & Wilson, B. D. (2005). Impact modeling of gymnastic back-handsprings and dive-rolls in children. *J Appl Biomech*, 21(2), 115-128.

Irwin, G., Hanton, S., & Kerwin, D. G. (2005). The conceptual process of skill progression development in artistic gymnastics. *J Sports Sci*, 23(10), 1089-1099.

### General

Chase, M. A., Magyar, M. T., & Drake, B. M. (2005). Fear of injury in gymnastics: Self-efficacy and psychological strategies to keep on tumbling. *J Sports Sci*, 23(5), 465-475.

Claessens, A. L., Lefevre, J., Beunen, G. P., & Malina, R. M. (2005). Maturity-associated variation in the body size and proportions of elite female gymnasts 14-17 years of age. *Eur J Pediatr*, 1-7.

Daly, R. M., Caine, D., Bass, S. L., Pieter, W., & Broekhoff, J. (2005). Growth of highly versus moderately trained competitive female artistic gymnasts. *Med Sci Sports Exerc*, 37(6), 1053-1060.

### Injury and Epidemiology

Loud, K. J., Gordon, C. M., Micheli, L. J., & Field, A. E. (2005). Correlates of stress fractures among preadolescent and adolescent girls. *Pediatrics*, 115(4), e399-406.

### Injury and Rehabilitation

- Difiori, J. P., Caine, D. J., & Malina, R. M. (2006). Wrist pain, distal radial physeal injury, and ulnar variance in the young gymnast. *Am J Sports Med*, in press.
- Kaneko, K., Matsuda, T., Mogami, A., Obayashi, O., Iwase, H., & Kurosawa, H. (2004). Type III fracture of the tibial tubercle with avulsion of the tibialis anterior muscle in the adolescent male athlete. *Injury*, 35(9), 919-921.

## **MUSIC**

### Biomechanics and Motor Control

- Bengtsson, S. L., Nagy, Z., Skare, S., Forsman, L., Forssberg, H., & Ullen, F. (2005). Extensive piano practicing has regionally specific effects on white matter development. *Nat Neurosci*, 8(9), 1148-1150.
- Jabusch, H. C., & Altenmuller, E. (2004). Three-dimensional movement analysis as a promising tool for treatment evaluation of musicians' dystonia. *Adv Neurol*, 94, 239-245.
- Meister, I. G., Krings, T., Foltys, H., Boroojerdi, B., Muller, M., Topper, R., et al. (2004). Playing piano in the mind--an fmri study on music imagery and performance in pianists. *Brain Res Cogn Brain Res*, 19(3), 219-228.
- Tervaniemi, M., Just, V., Koelsch, S., Widmann, A., & Schroger, E. (2005). Pitch discrimination accuracy in musicians vs nonmusicians: An event-related potential and behavioral study. *Exp Brain Res*, 161(1), 1-10.

### General

- Boga, C., Ozdogu, H., Tamer, L., Kizilkilic, E., & Tuncer, I. (2005). Aplastic anemia in a professional musician exposed to instrument polish. *Int J Hematol*, 81(4), 304-306.

### Injury and Rehabilitation

- Ackermann, B. J., & Adams, R. (2005). Finger movement discrimination in focal hand dystonia: Case study of a cellist. *Med Probl Perform Artists*, 20(2), 77-81.
- Boyette, J. (2005). Splinting for adaptation of musical instruments. *Work*, 25(2), 99-106.
- Lee, S., Hanks, K. B., & Schwartz, J. (2005). Pianist's rehabilitation: Three cases. *Med Probl Perform Artists*, 20(1), 35-39.

### Other / Related

- Barr, A. E., & Barbe, M. F. (2004). Inflammation reduces physiological tissue tolerance in the development of work-related musculoskeletal disorders. *J Electromyogr Kinesiol*, 14(1), 77-85.

## **DANCE**

### Biomechanics and Motor Control

- Bronner, S., & Ojofeitimi, S. (2006). Gender and limb differences in healthy elite dancers: Passe kinematics. *J Mot Behav*, 38(1), 71-79.

Masso, N., German, A., Rey, F., Costa, L. L., Romero, D., & Guitart, S. (2004). Study of muscle activity during relevé in first and sixth positions. *J Dance Med Sci*, 8(4), 101-107.

#### General

Koutedakis, Y., & Jamurtas, A. (2004). The dancer as a performing athlete: Physiological considerations. *Sports Med*, 34(10), 651-661.

Meck, C., Hess, R., Helldobler, R., & Roh, J. (2004). Pre-pointe evaluation components used by dance schools. *J Dance Med Sci*, 8(2), 37-42.

#### Injury and Epidemiology

Arendt, Y. D., & Kerschbaumer, F. (2003). [injury and overuse pattern in professional ballet dancers]. *Z Orthop Ihre Grenzgeb*, 141(3), 349-356.

#### Injury and Rehabilitation

Askling, C., Saartok, T., & Thorstensson, A. (2006). Type of acute hamstring strain affects flexibility, strength, and time to return to pre-injury level. *Br J Sports Med*, 40(1), 40-44.

#### Other - Related

Fliegel, L. S. (2005). "I love ballet": Arts incentives for adolescent health and community development. *New Dir Youth Dev*, (106), 49-60.

#### OTHER - ARE YOU PAYING ATTENTION??

De Marco, R., & Menzel, R. (2005). Encoding spatial information in the waggle dance. *J Exp Biol*, 208(Pt 20), 3885-3894.