

# Journal of Athletic Training

Official Publication of the National Athletic Trainers' Association, Inc

Volume 50, Number 12, December 2015

## Technical Notes

- Early Results of a Helmetless-Tackling Intervention to Decrease Head Impacts in Football Players**  
Erik E. Swartz, PhD, ATC, FNATA; Steven P. Broglio, PhD, ATC; Summer B. Cook, PhD; Robert C. Cantu, MD, FACS; Michael S. Ferrara, PhD, ATC, FNATA; Kevin M. Guskiewicz, PhD, ATC, FNATA, FACSM; Jay L. Myers, PhD, ATC ..... 1219
- Statistical Primer for Athletic Trainers: The Difference Between Statistical and Clinical Meaningfulness**  
Bryan L. Riemann, PhD, ATC, FNATA; Monica Lininger, PhD, ATC ..... 1223

## Original Research

### Clinical Studies

- Ankle-Dorsiflexion Range of Motion After Ankle Self-Stretching Using a Strap**  
In-cheol Jeon, MS; Oh-yun Kwon, PhD; Chung-Hwi Yi, PhD; Heon-Seock Cynn, PhD; Ui-jae Hwang, BHSc ..... 1226
- Whole-Body Vibration While Squatting and Delayed-Onset Muscle Soreness in Women**  
Nicole C. Dabbs, PhD; Christopher D. Black, PhD; John Garner, PhD ..... 1233
- Necessity of Removing American Football Uniforms From Humans With Hyperthermia Before Cold-Water Immersion**  
Kevin C. Miller, PhD, AT; Blaine C. Long, PhD, AT; Jeffrey Edwards, PhD ..... 1240

### Observational Studies

- The Role of Personality in Job Satisfaction Among Collegiate Athletic Trainers**  
Christianne M. Eason, MS; Stephanie M. Mazerolle, PhD, ATC; Eva V. Monsma, PhD; James M. Mensch, PhD, ATC .. 1247
- Perceptions of Support Networks During the Graduate-Assistant Athletic Trainer Experience**  
Stephanie M. Mazerolle, PhD, ATC; Stephanie Clines, MS, ATC; Christianne M. Eason, MS; William A. Pitney, EdD, ATC, FNATA ..... 1256
- Athletic Trainers' Skills in Identifying and Managing Athletes Experiencing Psychological Distress**  
Marc L. Cormier, PhD; Sam J. Zizzi, EdD ..... 1267
- Staffing Levels at National Collegiate Athletic Association Football Bowl Subdivision-Level Institutions**  
Suzie Aparicio MS, ATC; Cailee E. Welch Bacon, PhD, ATC; John T. Parsons, PhD, ATC; R. Curtis Bay, PhD; Randy P. Cohen, ATC, DPT; Terry DeZeeuw, MS, ATC; Tamara C. Valovich McLeod, PhD, ATC, FNATA ..... 1277
- High School Athletes' Parents' Perceptions and Knowledge of the Skills and Job Requirements of the Certified Athletic Trainer**  
Rachel L. Weitzel, MS; Michael G. Miller, EdD, ATC; Erin R. Giannotta, MS; Catherine J. Newman, MS ..... 1286
- A Preliminary Formula to Predict Timing of Symptom Resolution for Collegiate Athletes Diagnosed With Sport Concussion**  
Jacob E. Resch, PhD, ATC; Cathleen N. Brown, PhD, ATC; Stephen N. Macciocchi, PhD, ABPP; C. Munro Cullum, PhD; Damond Blueitt, MD; Michael S. Ferrara, PhD, ATC, FNATA ..... 1292
- Asymptomatic Elite Adolescent Tennis Players' Signs of Tendinosis in Their Dominant Shoulder Compared With Their Nondominant Shoulder**  
Fredrik R. Johansson, PT; Eva Skillgate, PhD; Anders Adolfsson, MD, PhD; Göran Jenner, MD, PhD; Edin DeBri, MD, PhD; Leif Swärdh, MD, PhD; Ann M. Cools, PhD, PT ..... 1299
- Accuracy of Urine Color to Detect Equal to or Greater Than 2% Body Mass Loss in Men**  
Amy L. McKenzie, PhD, ATC, PES; Colleen X. Muñoz, PhD; Lawrence E. Armstrong, PhD, FACSM ..... 1306

**Methods and Descriptive Epidemiology of Services Provided by Athletic Trainers in High Schools: The National Athletic Treatment, Injury and Outcomes Network Study**

Zachary Y. Kerr, PhD, MPH; Thomas P. Dompier, PhD, ATC; Sara L. Dalton, LAT, ATC; Sayers John Miller, PhD, PT, ATC; Ross Hayden, MA; Stephen W. Marshall, PhD ..... 1310

**Short Report**

**False-Positive Rates of Reliable Change Indices for Concussion Test Batteries: A Monte Carlo Simulation**

Lindsay D. Nelson, PhD ..... 1319

**CEU Quiz**

The CEU quiz for the current issue  
of the *Journal of Athletic Training*  
is located online at  
[www.nata.org/quiz-center](http://www.nata.org/quiz-center)

**36th Annual Student Writing Contest**

**All materials must be received on or before March 1, 2016**

The electronic file is to be submitted to [LLDewald@gmail.com](mailto:LLDewald@gmail.com) and  
hard copy materials mailed to  
NATA Undergraduate Student Writing Contest  
Attention: Angela Deleon  
1620 Valwood Parkway, Suite 115  
Carrollton, TX 75006

Details of the contest are located at  
<http://www.nata.org/undergraduate-student-writing-contest>

For questions about the contest, contact  
Dr. Lori Dewald, EdD, ATC, MCHES, F-AAHE  
[LLDewald@gmail.com](mailto:LLDewald@gmail.com)