

Journal of Athletic Training

Official Publication of the National Athletic Trainers' Association, Inc

Volume 56, Number 4, April 2021

Editorial

Preseason Heat Safety in Secondary School Athletics

William M. Adams, PhD, ATC; Yuri Hosokawa, PhD, ATC; Douglas J. Casa, PhD, ATC 349

Exertional Heat Illness

Roundtable on Preseason Heat Safety in Secondary School Athletics: Heat Acclimatization

William M. Adams, PhD, ATC; Yuri Hosokawa, PhD, ATC; Douglas J. Casa, PhD, ATC; Julien D. Périard, PhD; Sebastien Racinais, PhD; Jonathan E. Wingo, PhD; Susan W. Yeargin, PhD, ATC; Samantha E. Scarneo-Miller, PhD, ATC; Zachary Y. Kerr, PhD, MPH; Luke N. Belval, PhD, ATC, CSCS; Denise Alosa, MS, ATC; David Csillan, MS, ATC; Cynthia LaBella, MD; Lisa Walker, ATC 352

Roundtable on Preseason Heat Safety in Secondary School Athletics: Environmental Monitoring During Activities in the Heat

Yuri Hosokawa, PhD, ATC; William M. Adams, PhD, ATC; Douglas J. Casa, PhD, ATC; Jennifer K. Vanos, PhD; Earl R. Cooper, EdD, ATC, CSCS; Andrew J. Grundstein, PhD; Ollie Jay, PhD; Brendon P. McDermott, PhD, ATC; Hidenori Otani, PhD; Neha P. Raukar, MD, MS; Rebecca L. Stearns, PhD, ATC; Brady L. Tripp, PhD, ATC 362

Roundtable on Preseason Heat Safety in Secondary School Athletics: Prehospital Care of Patients With Exertional Heat Stroke

Kevin C. Miller, PhD, ATC; Douglas J. Casa, PhD, ATC; William M. Adams, PhD, ATC; Yuri Hosokawa, PhD, ATC; Jason Cates, ATC; Christina Emrich, MS, ATC; Tony Fitzpatrick, MA, ATC; Michael Hopper, MS, ATC; John F. Jardine, MD; Michele LaBotz, MD; Rebecca M. Lopez, PhD, ATC, CSCS; Francis O'Connor, MD, MPH; M. Seth Smith, MD, CAQSM, PharmD 372

Cooling Capacity of Transpulmonary Cooling and Cold-Water Immersion After Exercise-Induced Hyperthermia

William M. Adams, PhD, ATC; Erin E. Butke, MS, ATC; Junyong Lee, BS; Mitchell E. Zaplatosch, MS, RD 383

Reliability of 3 Urine Specific Gravity Meters for Measuring Brix and Urine Solutions at Different Temperatures

Floris Wardenaar, PhD; Carmen P. Ortega-Santos, MS; Kaila Vento, MS; Stephanie Olzinski, MS; Jason Olig, MS; Stavros Kavouras, PhD; Carol Johnston, PhD 389

Concussion

Network Analysis of Sport-Related Concussion Research During the Past Decade (2010–2019)

Shawn R. Eagle, PhD, ATC; Anthony P. Kontos, PhD; Micky W. Collins, PhD; Chris Connaboy, PhD; Shawn D. Flanagan, PhD 396

Performance After Concussion in National Hockey League Players

Aidan L. Neustadt, BS; William K. Bukowski, BS; Alan Neustadt, PhD; David Milzman, MD 404

Ankle

Identifying Range-of-Motion Deficits and Talocrural Joint Laxity After an Acute Lateral Ankle Sprain

Bethany A. Wisthoff, PhD, ATC; Carrie L. Docherty, PhD, ATC; Joseph Glutting, PhD; Geoff Gustavsen, MD; Todd D. Royer, PhD; Charles "Buz" Swanik, PhD, ATC; Thomas W. Kaminski, PhD, ATC 408

Knee

Neuroplasticity in Corticolimbic Brain Regions in Patients After Anterior Cruciate Ligament Reconstruction

Shelby Baez, PhD, ATC; Anders Andersen, PhD; Richard Andreatta, PhD; Marc Cormier, PhD, CMPC, LPCA;
Phillip A. Gribble, PhD, ATC; Johanna Marie Hoch, PhD, ATC 418

Spine

Demonstration of Autonomic Nervous Function and Cervical Sensorimotor Control After Cervical Lordosis Rehabilitation: A Randomized Controlled Trial

Ibrahim Moustafa, PhD; Ahmed S.A. Youssef, MSc; Amal Ahbouch, MSc; Deed Harrison, DC 427

Injury Epidemiology

Rule Modifications to Reduce Checking-Related Injuries in High School Boys' Lacrosse

Stanley Guillaume, MD, MPH; Andrew E. Lincoln, ScD, MS; Lisa Hepburn, PhD, MPH; Shane V. Caswell, PhD, ATC; Zachary Y. Kerr, PhD, MPH 437

CEU Quiz

The CEU quiz for the current issue
of the *Journal of Athletic Training*
is located online at
www.nata.org/quiz-center

40th Annual Student Writing Contest

All materials must be received on or before March 1, 2021

The electronic file is to be submitted to 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