

Journal of Athletic Training

Official Publication of the National Athletic Trainers' Association, Inc

Volume 50, Number 6, June 2015

Editorial

The Journal of Athletic Training: Volume 50!

Craig R. Denegar, PhD, PT, ATC, FNATA 565

Original Research

Clinical Studies

Sport-Specific Training Targeting the Proximal Segments and Throwing Velocity in Collegiate Throwing Athletes

Thomas Palmer, PhD, ATC, CSCS; Timothy L. Uhl, PhD, PT, ATC, FNATA; Dana Howell, PhD, OTD, OTR/L; Timothy E. Hewett, PhD; Kert Viele, PhD; Carl G. Mattacola, PhD, ATC, FNATA 567

Using Accelerometer and Gyroscopic Measures to Quantify Postural Stability

Jay L. Alberts, PhD; Joshua R. Hirsch; Mandy Miller Koop, PhD; David D. Schindler; Daniel E. Kana; Susan M. Linder, DPT; Scott Campbell; Anil K. Thota, MS 578

The Landing Error Scoring System as a Screening Tool for an Anterior Cruciate Ligament Injury–Prevention Program in Elite-Youth Soccer Athletes

Darin A. Padua, PhD, ATC; Lindsay J. DiStefano, PhD, ATC; Anthony I. Beutler, MD; Sarah J. de la Motte, PhD, MPH, ATC; Michael J. DiStefano, MA, ATC; Steven W. Marshall, PhD 589

Drop-Landing Performance and Knee-Extension Strength After Anterior Cruciate Ligament Reconstruction

Christopher M. Kuenze, PhD, ATC; Nathaniel Foot, MEd; Susan A. Saliba, PhD, PT, ATC, FNATA; Joseph M. Hart, PhD, ATC 596

Lower Extremity Biomechanics and Self-Reported Foot-Strike Patterns Among Runners in Traditional and Minimalist Shoes

Donald L. Goss, PhD, PT, OCS, ATC; Michael Lewek, PhD, PT; Bing Yu, PhD; William B. Ware, PhD; Deydre S. Teyhen, PhD, PT, OCS; Michael T. Gross, PhD, PT 603

Short-Wave Diathermy Pretreatment and Inflammatory Myokine Response After High-Intensity Eccentric Exercise

John P. Vardiman, PhD, ATC; Nicole Moodie, PhD; Jacob A. Siedlik, MA; Rebecca A. Kudrna, MS; Zachary Graham, MS; Philip Gallagher, PhD 612

Skin Cooling and Force Replication at the Ankle in Healthy Individuals: A Crossover Randomized Controlled Trial

Daniela Pacheco dos Santos Haupenthal, MS; Marcos de Noronha, PhD; Alessandro Haupenthal, PhD; Caroline Ruschel, PhD; Guilherme S. Nunes, MS 621

Observational Studies

Correlation of Shoulder and Elbow Kinetics With Ball Velocity in Collegiate Baseball Pitchers

Eric G. Post, MS, ATC; Kevin G. Laudner, PhD, ATC, FACSM; Todd A. McLoda, PhD, ATC; Regan Wong, PT; Keith Meister, MD 629

Development and Validation of the Athlete Fear Avoidance Questionnaire

Geoffrey Dover, PhD, CAT(C), ATC; Vanessa Amar, MSc, CAT(C) 634

A Refined Prediction Model for Core and Lower Extremity Sprains and Strains Among Collegiate Football Players

Gary B. Wilkerson, EdD, ATC, FNATA; Marisa A. Colston, PhD, ATC 643

Laboratory Measures of Postural Control During the Star Excursion Balance Test After Acute First-Time Lateral Ankle Sprain

Cailbhe Doherty, BSc; Chris M. Bleakley, PhD; Jay Hertel, PhD, ATC, FNATA, FACSM; Brian Caulfield, PhD, MSc, BSc; John Ryan, MD; Eamonn Delahunt, PhD, BSc 651

Neural Excitability Alterations After Anterior Cruciate Ligament Reconstruction

Brian G. Pietrosimone, PhD, ATC; Adam S. Lepley, PhD, ATC; Hayley M. Ericksen, PhD, ATC; Amy Clements; David H. Sohn; Phillip A. Gribble, PhD, ATC, FNATA 665

Departments

Correction 675

CEU Quiz

The CEU quiz for the current issue
of the *Journal of Athletic Training*
is located online at
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 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