

Journal of Athletic Training

Official Publication of the National Athletic Trainers' Association, Inc

Volume 52, Number 6, June 2017

Editorial

Athletic Trainers Have an Important Role in Preventing and Treating Osteoarthritis

Abbey C. Thomas, PhD, ATC; Jeffrey B. Driban, PhD, ATC, CSCS; Joseph M. Hart, PhD, ATC, FNATA, FACSM . . . 489

Literature Review

Epidemiology of Posttraumatic Osteoarthritis

Abbey C. Thomas, PhD, ATC; Tricia Hubbard-Turner, PhD, LAT, ATC, FNATA; Erik A. Wikstrom, PhD, ATC, FACSM; Riann M. Palmieri-Smith, PhD, ATC 491

Original Research

Is Participation in Certain Sports Associated With Knee Osteoarthritis? A Systematic Review

Jeffrey B. Driban, PhD, ATC, CSCS; Jennifer M. Hootman, PhD, ATC, FNATA, FACSM; Michael R. Sitler, EdD, ATC, FNATA; Kyle P. Harris, MS, ATC; Nicole M. Cattano, PhD, ATC 497

Tibiofemoral Osteoarthritis After Surgical or Nonsurgical Treatment of Anterior Cruciate Ligament Rupture: A Systematic Review

Kyle P. Harris, MS, ATC; Jeffrey B. Driban, PhD, ATC, CSCS; Michael R. Sitler, EdD, ATC, FNATA; Nicole M. Cattano, PhD, ATC; Easwaran Balasubramanian, MD; Jennifer M. Hootman, PhD, ATC, FNATA, FACSM 507

Osteoarthritis Prevalence in Retired National Football League Players With a History of Concussion and Lower Extremity Injury

Robert C. Lynall, PhD, ATC; Brian Pietrosimone, PhD, ATC; Zachary Y. Kerr, PhD, MPH; Timothy C. Mauntel, PhD, ATC; Jason P. Mihalik, PhD, CAT(C), ATC; Kevin M. Guskiewicz, PhD, ATC, FNATA, FACSM 518

Association Between the Single Assessment Numeric Evaluation and the Western Ontario and McMaster Universities Osteoarthritis Index

Brian Pietrosimone, PhD, ATC; Brittney A. Luc, MS, ATC; Austin Duncan, BA; Susan A. Saliba, PhD, PT, ATC, FNATA; Joseph M. Hart, PhD, ATC, FNATA, FACSM; Christopher D. Ingersoll, PhD, ATC, FNATA, FACSM . . . 526

Previous Knee Injury and Health-Related Quality of Life in Collegiate Athletes

Kenneth C. Lam, ScD, ATC; Steven St Thomas, MS, ATC; Alison R. Snyder Valier, PhD, ATC, FNATA; Tamara C. Valovich McLeod, PhD, ATC, FNATA; R. Curtis Bay, PhD 534

Certified Athletic Trainers' Knowledge and Perceptions of Posttraumatic Osteoarthritis After Knee Injury

Brian Pietrosimone, PhD, ATC; J. Troy Blackburn, PhD, ATC; Yvonne M. Golightly, PhD, PT; Matthew S. Harkey, MS, ATC; Brittney A. Luc, MS, ATC; J. D. DeFreese, PhD; Darin A. Padua, PhD, ATC; Joanne M. Jordan, MD, MPH; Kim L. Bennell, PhD 541

Sagittal-Plane Knee Moment During Gait and Knee Cartilage Thickness

Randy J. Schmitz, PhD, ATC; David Harrison, BS; Hsin-Min Wang, PhD; Sandra J. Shultz, PhD, ATC, FNATA, FACSM 560

Biochemical Response to a Moderate Running Bout in Participants With or Without a History of Acute Knee Injury

Nicole M. Cattano, PhD, ATC; Jeffrey B. Driban, PhD, ATC, CSCS; Mary F. Barbe, PhD; Ryan T. Tierney, PhD, ATC; Mamta Amin, MBA; Michael R. Sitler, EdD, ATC, FNATA 567

Posttraumatic Bone Marrow Lesion Volume and Knee Pain Within 4 Weeks After Anterior Cruciate Ligament Injury

Jeffrey B. Driban, PhD, ATC, CSCS; Stefan Lohmander, MD, PhD; Richard B. Frobell, PhD 575

Knee Frontal-Plane Biomechanics in Adults With or Without Bone Marrow Edema-Like Lesions After Anterior Cruciate Ligament Injury Abbey C. Thomas, PhD, ATC; Riann M. Palmieri-Smith, PhD, ATC	581
Acute Ankle Sprain in a Mouse Model: Changes in Knee-Joint Space Tricia Hubbard-Turner, PhD, LAT, ATC, FNATA; Erik A. Wikstrom, PhD, ATC, FACSM; Sophie Guderian, MS; Michael J. Turner, PhD	587

Case Series

An 8-Week Neuromuscular Exercise Program for Patients With Mild to Moderate Knee Osteoarthritis: A Case Series Drawn From a Registered Clinical Trial Brian Clausen, PT, PhD; Anders Holsgaard-Larsen, MSc, PhD; Ewa M. Roos, PT, PhD	592
---	------------

Evidence-Based Practice

Prevalence of Radiographic Knee Osteoarthritis After Anterior Cruciate Ligament Reconstruction, With or Without Meniscectomy: An Evidence-Based Practice Article Jennifer S. Ruano, MSc, ATC; Michael R. Sitler, EdD, ATC, FNATA; Jeffrey B. Driban, PhD, ATC, CSCS	606
---	------------

ATOAC Consensus Statement

The Role of Athletic Trainers in Preventing and Managing Posttraumatic Osteoarthritis in Physically Active Populations: a Consensus Statement of the Athletic Trainers' Osteoarthritis Consortium Riann M. Palmieri-Smith, PhD, ATC; Kenneth L. Cameron, PhD, MPH, ATC; Lindsey J. DiStefano, PhD, ATC; Jeffrey B. Driban, PhD, ATC, CSCS; Brian Pietrosimone, PhD, ATC; Abbey C. Thomas, PhD, ATC; Timothy W. Tourville, PhD, ATC, CSCS; Athletic Trainers' Osteoarthritis Consortium	610
--	------------