Aim and Scope

The Exercise Science Journal (Exercise Science, ES) is a quarterly (February 28, May 31, August 31, and November 30), peer-reviewed and open-access journal. The journal focuses on scientific research for exercise science including physiology, biochemistry, nutrition, metabolism, genetics, immunology, medicine, rehabilitation, growth and development, training, anthropometry, and epidemiology related exercise and sports. The types of manuscripts include research articles, review, short/rapid communication, case report in the field of exercise science.
CONTENTS

Volume 27 Number 4 November, 2018

Review Articles

245 Critical Evaluation about Diagnosis and Treatment of Myofascial Trigger Points

252 A Study on The Effects of Short Foot Exercise on Medial Longitudinal Arch and Balance in the Foot and Efficient Application: Literature Review
Ryong Hwang, Young-Jun Choi

260 Effect of Pelvic Floor Muscle Training on Urinary Incontinence in Gynecologic Cancer: A Review
Parivash Jamrasi, Kyung-Hee Lee, Wook Song

268 Functional Tests Assessing Return to Activity after Anterior Cruciate Ligament Reconstruction
Eun Wook Chang

Original Articles

274 Comparison of ACSM Metabolic Equations and Energy Consumption Equipments during Walking and Running of College Students
Jong-Hee Kim, Dong-Hwa Chung, Byung-Kun Lee

280 Hand Grip Strength and Its Relation to Thigh-derived Single Muscle Fiber Contractile Properties
Yunah Jeon, Hojun Lee, Dae-Young Kim, Jae-Young Lim, Seung-Jun Choi

289 Removal Effect of Hydrogen Water Drinking on Exercise-induced Production of Reactive Oxygen Species in Adult Men and Women
Dong-Sung Shin, Sung-Hoon Jung, Eun-Young Hong, Youn-Ho Shin, Jae-Yeo Park, Myung-Hee Chung, Jai Youl Ro

296 Effects of Boxing-Specific Training on Physical Fitness and Punch Power in Korean National Boxers
Kwang-Jun Kim, Seung-Bae Lee, Saejong Park

303 Effects of Resistance Exercise Training on Leptin Receptor (Ob-R), GLUT2 mRNA of the Hypothalamus and GLUT4 mRNA Expression of the Skeletal Muscle in OLETF Rats
Eun-Mi Lim, Se-Hwan Park, Jin-Hwan Yoon
목 차

종 설
245 근막 통증 유발점의 진단과 치료에 관한 비판적 고찰
권준형, 이윤호, 육영현, 김준혁, 홍혜림, 김현진

252 숟град 운동이 발의 안쪽 세로활과 균형에 미치는 영향과 효율적 적용에 대한 연구
황 룡, 최영준

260 Effect of Pelvic Floor Muscle Training on Urinary Incontinence in Gynecologic Cancer: A Review
Parivash Jamrasi, Kyung-Hee Lee, Wook Song

268 Functional Tests Assessing Return to Activity after Anterior Cruciate Ligament Reconstruction
Eun Wook Chang

원 저
274 대학생의 걷기와 달리기 중 ACSM 추정식과 에너지소비량 기구의 비교
김종희 정동화 이병근

280 압력과 하지 단일 근성유 아형 병 수축특성의 상관성 분석
전유나, 이호준, 김태명, 박재경, 최승준

289 수소수음료 운동에 의한 생성된 생체 내 ROS 제거 효능에 미치는 영향
신동성, 정성훈, 홍은영, 신연호, 박재여, 정명희, 노재열

296 Effects of Boxing-Specific Training on Physical Fitness and Punch Power in Korean National Boxers
Kwang-Jun Kim, Seung-Bae Lee, Saejong Park

303 저항성 운동이 OLETF 쥐 시상하부 Leptin receptor (Ob-R), GLUT2 mRNA 및 골격근 GLUT4 mRNA 발현에 미치는 영향
임은미, 박세환, 윤진환