

THE JOURNAL OF SPORTS MEDICINE AND PHYSICAL FITNESS

QUARTERLY REVIEW

Vol. 43

SEPTEMBER 2003

No. 3

Contents

EXERCISE PHYSIOLOGY AND BIOMECHANICS

Original articles

- 261 **The torque-velocity relation of elite soccer players**
BORGES G. M., VAZ M. A., DE LA ROCHA FREITAS C., RASSIER D. E.
- 267 **Percentual responses proximal to the onset of blood lactate accumulation**
ACEVEDO E. O., KRAEMER R. R., HALTOM R. W., TRYNIECKI J. L.
- 274 **Kinematic changes at intensities proximal to onset of lactate accumulation**
SHIM J., ACEVEDO E. O., KRAEMER R. R., HALTOM R. W., TRYNIECKI J. L.
- 279 **The lactate minimum test protocol provides valid measures of cycle ergometer $\dot{V}O_{2peak}$**
DANTAS DE LUCA R., ROCHA R., BURINI R. C., COELHO GRECO C., DENADAI B. S.
- 285 **Effects of drafting on energy expenditure in in-line skating**
MILLET G. P., GESLAN R., FERRIER R., CANDAU R., VARRAY A.
- 291 **Dependence of young female volleyballers' performance on their body build, physical abilities, and psycho-physiological properties**
STAMM R., VELDRE G., STAMM M., THOMSON K., KAARMA H., LOKO J., KOSKEL S.
- 300 **Physiologic response to a prescribed rating of perceived exertion on an elliptical fitness cross-trainer**
BATTÉ A. L., DARLING J., EVANS J., LANCE L. M., OLSON E. I., PINCIVERO D. M.
- 306 **Influence of a hot/wet environment on exercise performance in natives to tropical climate**
VOLTAIRE B., BERTHOUBE-ARANDA S., HUE O.
- 312 **Stage length, spline function and lactate minimum swimming speed**
RIBEIRO L., BALIKIAN P., MALACHIAS P., BALDISSERA V.
- 319 **Subtalar and knee joint interaction during running at various stride lengths**
STERGIOU N., BATES B. T., KURZ M. J.

SPORT NUTRITION AND SUPPLEMENTATION

Original articles

- 327 **Age-related pattern in body composition changes for 18-69 year old women**
NASSIS P., GELADAS D.
- 334 **Body size and somatotype characteristics of male golfers in Japan**
KAWASHIMA K., KAT K., MIYAZAKI M.
- 342 **Increased adaptability of young judo sportsmen after protein supplementation**
LASKOWSKI R., ANTOSIEWICZ J.
- 347 **Creatine supplementation: effects on urinary excretion and anaerobic performance**
HAVENETIDIS K., BOURDAS D.

SPORT INJURIES AND REHABILITATION

Original articles

- 356 **The effects of various therapeutic measures on shoulder range of motion and cross-sectional areas of rotator cuff muscles after baseball pitching**
YANAGISAWA O., MIYANAGA Y., SHIRAKI H., SHIMOJO H., MUKAI N., NIITSU M., ITAI Y.
- 367 **No adverse effect of early weight bearing following open repair of acute tears of the Achilles tendon**
MAFFULLI N., TALLON C., WONG J., PENG LIM K., BLEAKNEY R.

CARDIOVASCULAR SYSTEM

Original articles

- 380 **Determinants of diastolic cardiac filling during exercise**
ROWLAND T., LISOWSKI R.

EPIDEMIOLOGY AND CLINICAL MEDICINE

Original articles

- 386 **Individual differences in self-reported heat tolerance. Is there a link to the cardiocirculatory, thermoregulatory and hormonal response to endurance exercise in heat?**
NISS A. M., FEHERENBACH E., ROECKER K., LEHMANN R., OPAVSKY L., DICKHUTH H. H.
- 393 **Treadmill exercise increases cell proliferation in hippocampal dentate gyrus in alcohol-intoxicated rats**
YU B. K., YOON B. C., KIM S. S., CHUN S. L., KIM E. H., KIM K. M., LIM B. V., JANG M. H., CHUNG J. H., KIM C. J.

ENDOCRINOLOGY

Original articles

- 398 **A study of the effects on the ovarian cycle of athletic training in different sports**
SAMBANIS M., KOFOTOLIS N., KALOGEROPOULOU E., NOUSSIOS G., SAMBANIS P., KALOGEROPOULOS J.

IMMUNOLOGY

Original articles

- 404 **Effect of physical activity on the production of specific antibody in response to the 1998-99 influenza virus vaccine in older adults**
SCHÜLER P. B., LEBLANC P. A., MARZILLI T. S.

409 Book reviews

410 Courses & Congresses