

Posters Programme

Posters' presentation will be distributed from the 28th June to the 1st July at the Exhibition Hall. All Posters' Sessions will be organized from 12:00 to 13:00. During these periods Posters will be gathered in 3 (or 4) groups (of a maximum of 10 posters per group) presented in parallel. Following the ISBS tradition, the Poster Sessions will not have a chairperson.

Authors presenting on Poster Sessions 1 to 4 (scheduled to the 28th June) are invited to display their posters on the 27th and to remove them by the evening of the 28th, to allow the next presenters to displays their own contributions.

For the remaining Poster Sessions, authors are invited to display their posters early in the morning of the scheduled day and to remove them in the evening of the same day. During the schedule Poster Session one of the authors of the poster must be near the poster to present it to the other participants.

Please note that the 2^{nd} number in the poster ID (eg. P1.2) means the numbered place where the poster should be displayed – in the example the position 2 (P1 stands for Poster session 1).

28.06.2011 12:00 Exhibition Hall Poster Sessions 1 to 4

Poster Session 1 (Electromyography applied to Sports Biomechanics)

P1.1 - ID 548

CRICKET SIDE STRAIN INJURIES: A DESCRIPTION OF TRUNK MUSCLE ACTIVITY AND THE POTENTIAL INFLUENCE OF BOWLING TECHNIQUE Kathleen Shorter, Andrew Nealon, Neal Smith, Mike Lauder

P1.2 - ID481

ONSET AND OFFSET OF RECTUS FEMORIS ACTIVATION DURING DOUBLE POLING ERGOMETRY IN TWO POSITIONS: STANDING VS. SITTING Sarah K. Leissring, Randall L. Jensen, Jodi L. Tervo, Phillip B. Watts

P1.3 - ID558

INVESTIGATION OF ELECTROMYOGRAPHY OF MAJOR MUSCLE GROUPS WHILE HIKING OUT DURING SAILING ON BOTH LAND AND WATER Chun Chuan Ritchie Tan, Jun Yong Toh, Kin Liao, Wei Xie

P1.4 - ID576

A STUDY OF MUSCLE FATIGUE FOR PROLONGED STANDING USING SURFACE ELECTROMYOGRAM: A CASE STUDY

S.J Janice Tan, Davy Lim, Wei Xie, Kin Liao

P1.5 - ID494

LOWER TRUNK MUSCLE ACTIVITY DURING FRONT CRAWL SWIMMING IN A SINGLE LEG AMPUTEE

Jonas Martens, Ingi Þór Einarsson, Naama Schnizer, Filip Staes, Daniel Daly

P1.6 - ID511

INFLUENCE OF AN EXERCISE PROGRAM IN THE PERONEAL REACTION TIME Carlos Moreira, Paulo Carvalho, Camilo Moreira

P1.7 - ID 525

EMG OF THE TRANSVERSE ABDOMINUS AND MULTIFIDUS DURING PILATES EXERCISES Paulo de Carvalho, Ana Pereira, Rubim Santos, João Paulo Vilas Boas

P1.8 - ID 435

MUSCULAR FATIGUE DURING 200 M FRONT CRAWL

Pedro Figueiredo, Suzana Pereira, Pedro Gonçalves, João Paulo Vilas-Boas, Ricardo J Fernandes

P1.9 - ID 550

MUSCLE ACTIVITY OF THE STANCE KNEE IN ELITE RACE WALKERS Brian Hanley, Athanassios Bissas, Andi Drake

P1.10 - ID555

KINEMATIC AND ELECTROMYOGRAPHIC ANALYSIS OF UPPER EXTREMITY IN ARM WRESTLING

Meng-Kai Hong, Chih-Yu Lin, Yen-Sung Liao, Chih-Kai Hong, Lin-Hwa Wang

Poster Session 2 (Biomechanics of Gait and Running)

P2.1 - ID 432

COMPARISON OF GROUND REACTION FORCES BETWEEN IN-PLACE AND FORWARD WATER RUNNING AT TWO LEVELS OF IMMERSION

Heiliane B Fontana, Alessandro Haupenthal, Caroline Ruschel, André L A Pizzolatti, Paulo R Cerutti, Helio Roesler

P2.2 - ID 497

THE INFLUENCE OF BACKPACK CARRIAGE ON TRUNK POSTURE IN CHILDREN DURING UNPLANNED GAIT TERMINATION

Shi Wei Mo, Dong Qing Xu, Jia Song, Song Tao Hong, Jing Xian Li

P2.3 - ID 473

RUNNING ECONOMY AND GASTROCNEMIUS MUSCLE LENGTH DURING RUNNING FOR KENYAN AND JAPANESE ELITE DISTANCE RUNNERS

Yasushi Enomoto, Yuta Suzuki, Toshiharu Yokozawa, Hidetaka Okada

P2.4 - ID 398

THE INFLUENCE OF HIGH-INTENSITY RUN DURATION ON TIBIAL ACCELERATION AND SHOCK ATTENUTION

Adam Clansey, Michael Hanlon

P2.5 - ID579

A STUDY OF MOMENTS ACTING ON THE TIBIA DURING GAIT IN THE ACTIVE ELDERLY POPULATION

Mihai Voinescu, Denise Soares, Marcelo Castro, Emília Mendes, Arjana Davidescu, Leandro Machado

P2.6 - ID 563

IS AVERAGE SPEED CONTROL SENSITIVE ENOUGH TO ENSURE NON-ACCELERATED RUNNING IN THE ANALYSIS OF RUNNING MECHANICS?
Steffen Willwacher, Katina Fischer, Gert – Peter Brüggemann

P2.7 - ID 578

GROUND REACTION FORCES OF NATIONAL LEVEL RACE WALKERS Brian Hanley, Andi Drake, Athanassios Bissas

P2.8 - ID 561

JOINT MOMENTS OF THE LOWER EXTREMITIES OF CHIRUNNING TECHNIQUE IN CHIRUNNERS: A PILOT STUDY Adam Teav, Jing Xian Li

Poster Session 3 (Biomechanics of Team Sports)

P3.1 - ID 509

LINEAR AND ANGULAR CONTRIBUTIONS TO BALL VELOCITY IN THE DELIVERY MOTION AMONG VARIOUS LEVELS OF BASEBALL INFIELDER Tomohisa Miyanishi, Naoki Sakurai

P3.2 - ID 451

FORCE GENERATION IN MALE BASKETBALL PLAYERS Carmen Ferragut, Nuria Rodriguez, Helena Vila

P3.3 - ID 444

COMPARISON OF THE HAND-DRIBBLING MOTION BETWEEN SKILLED AND UNSKILLED SUBJECTS

Kai Hirata, Masatoshi Sawamura, Michiyoshi Ae, Yasuto Kobayashi

P3.4 - ID 489

GENDER DIFFERENCES ON LOWER LIMB COORDINATION DURING ELITE PLAYERS JUMP MA Castro, MA Janeira, Rui Mendes, Orlando Fernandes, Nuno Ferreira

P3.5 - ID 513

QUANTITATIVE ANALYSIS OF FUTSAL PLAYERS' ORGANIZATION ON THE COURT Felipe Arruda Moura, Juliana Exel Santana, Ana Lorena Marche, Tiago Henrique Aguiar, Ana Carolina M. A. Rodrigues, Ricardo Machado Leite de Barros, Sergio Augusto Cunha

P3.6 - ID 598

BIOMECHANICS OF THE PENALTY STROKE IN ROLLER HOCKEY Mário A P Vaz, Nuno Ramos, João Abrantes, F Queirós de Melo, Filipe Conceição

P3.7 - ID 192 (NIA)

THE RELATIONSHIP BETWEEN MAXIMAL STRENGTH AND PLYOMETRIC ABILITY IN RUGBY PLAYERS

Charlotte Dymond, Eamonn P. Flanagan, Anthony P. Turner

P3.8 - ID 272

RELIABILITY OF JUMP AND PERFORMANCE MEASURES IN RUGBY UNION PLAYERS Randall L. Jensen, Laura-Anne M. Furlong, Darragh Graham, Andrew J. Harrison

P3.9 - ID 227

THE EFFECT OF A GAME-SPECIFIC SHORT TERM FATIGUE PROTOCOL ON KICKING IN AUSTRALIAN FOOTBALL

Evan Coventry, Kevin Ball, Lucy Parrington, Simon Taylor, Robert Aughey, Michael McKenna

P3.10 - ID 527

BILATERAL STRENGTH TESTING IN DOMINANT AND NON-DOMINANT PLANT LEG IN SOCCER PLAYERS

Barbara L. Warren, Melissa Abellanida

Poster Session 4 (Miscellaneous)

P4.1 - ID517

EFFECTS OF EIGHT-WEEK WHOLE-BODY VIBRATION TRAINING ON POSTURAL STABILITY IN ELDERLY ADULTS

Wei-Hsiu Lin, Jun-Dar Lin, Yen-Ting Wang, Alex J. Y. Lee

P4.2 - ID 410

ACUTE EFFECT OF VIBRATORY STIMULATION ON ELBOW JOINT FLEXOR PERFORMANCE Jui-hung Tu, Chia-hsiang Chen, Yung-hsing Chiu

P4.3 - ID502 (NIA)

ENHANCED BALANCE AND BONE MINERAL DENSITY ASSOCIATED WITH DIFFERENT EXERCISE TRAINING PROGRAMS IN OLDER WOMEN

Elisa A Marques, Flávia Wanderley, Leandro Machado, Filipa Sousa, Pedro Moreira, Jorge Mota, Joana Carvalho

P4.4 - ID 580

LONG JUMP KINEMATICS OF WORD CLASS ATHLETES WITH AN INTELLECTUAL DISABILITY

Wolfgang Potthast, Steffen Willwacher, Ralf Müller, Gert-Peter Brüggemann

P4.5 - ID 551

STRIDE REGULATION AT THE APPROACH PHASE OF LONG JUMP IN VISUALLY IMPAIRED (F13) ATHLETES

Apostolos Theodorou, Skordilis Emmanouil, Evagelos Tasoulas, Flora Panteli, Athanasia Smirniotou, Paradisis Georgios

P4.6 - ID 440 (NIA)

THE DIFFERENCES BETWEEN DOUBLE AND SINGLE LEG TAKEOFF ON JOINT KINETICS DURING REBOUND-TYPE JUMP

Yasushi Kariyama, Kenichi Mori, Mitsugi Ogata

P4.7 - ID 575

DOES SYMMETRY OF LOWER LIMB KINETICS EXIST IN SITTING AND STANDING TASKS? Daniel Varin, Mario Lamontagne, Paul E. Beaulé

P4.8 - ID441

EFFECT OF CATHODAL TRANSCRANIAL DIRECT CURRENT STIMULATION ON LOWER LIMBS MUSCULAR FATIGUE DURING ISOKINETIC PROTOCOL

Ricardo Braga, Jonas Gurgel, Raphaela Alvarenga, Flávia Porto, Rafael Montenegro, Gabriel Espinosa, Alex Itaborahy, Paulo Farinatti

P4.9 - ID487

EFFECT OF CATHODAL TRANSCRANIAL DIRECT CURRENT STIMULATION OVER AN ANTAGONISTIC CO-ACTIVATION DURING AN ISOKINETIC PROTOCOL

Marcus Paulo de Andrade, Jonas Gurgel, José Neto, Flávia Porto, Rafael Montenegro, Gabriel Espinosa, Alex Itaborahy, Paulo Farinatti

P4.10 - ID486

EFFECT OF ANODAL TRANSCRANIAL DIRECT CURRENT STIMULATION ON LOWER LIMBS MUSCULAR FATIGUE DURING ISOKINETIC PROTOCOL

Rebecca Cantreva, Jonas Gurgel, Gabriela Moreira, Flávia Porto, Rafael Montenegro, Gabriel Espinosa, Alex Itaborahy, Paulo Farinatti

29.06.2011 12:00

Exhibition Hall

Poster Sessions 5 to 7

Poster Session 5 (Biomechanics of Gait and Running)

P5.1 - ID 542

A CASE STUDY ON GROUND REACTION FORCES IN SPRINT HURDLES Kazuhito Shibayama, Norihisa Fujii, Shunsuke Takenaka, Satoru Tanigawa, Michiyoshi Ae

P5.2 - ID 587

DYNAMOMETRIC ANALYSIS OF RESISTED SLED ON SPRINT RUN Mário Nogueira, Nuno Viriato, Mário Vaz, João Carvalho, Filipe Conceição

P5.3 - ID 595

STANDARD MOTION OF SPRINT RUNNING FOR MALE ELITE AND STUDENT SPRINTERS Keita Yada, Michiyoshi Ae, Satoru Tanigawa, Akira Ito, Koji Fukuda, Kota Kijima

P5.4 - ID 594

SAGITTAL AND FRONTAL LOWER LIMBS KINETICS DURING STEPPING DOWN IN TAICHI ELDERLY

Tzu-Hsiang Yang, Chen-Fu Huang, Jung-Chun Chi

P5.5 - ID 545

KINETICS OF THE SUPPORT LEG JOINTS IN THE SIDE STEP CUTTING TECHNIQUE Yuta Suzuki, Michiyoshi Ae, Shunsuke Takenaka, Norihisa Fujii

P5.6 - ID 422

CHANGE IN TRUNK MUSCLE ACTIVITY DURING INCLINE TREADMILL RUNNING Paul T. Ewbank, Randall L. Jensen

P5.7 - ID 518

CHANGES IN FOOT CHARACTERISTICS AFTER A 3-HOUR EXERCISE BOUT Bryson Nakamura, Heidi Orloff, Sean Field-Eaton, Erienne Olesh

P5.8 - ID 126

INFLUENCE OF ANKLE PASSIVE RANGE OF MOTION ON THE PERFORMANCE OF THE STAR EXCURSION BALANCE TEST GG Zeitoune, G Leporace, SM Pinto, MG Zeitoune, LA Batista

P5.9 - ID478

KINEMATICS AND KINETICS OF THE SWING LEG IN A RUMBA WALK Raul Landeo, Michael Chang

Poster Session 6 (Biomechanics of Individual Sports)

P6.1 - ID 151

GIANT SWINGS WITH TURNS COMPLETED TO HANDSTAND ON UNEVEN BARS Kylie Thomas, Elizabeth J. Bradshaw

P6.2 - ID 430 (NIA)

INFLUENCE OF A SUSPENDED AID ON THE AMPLITUDE VARIABLES OF CIRCLES ON POMMEL HORSE

Toshiyuki Fujihara, Pierre Gervais

P6.3 - ID 431 (NIA)

INFLUENCE OF A SUSPENDED AID ON THE HIP MOMENT PROFILES DURING CIRCLES ON POMMEL HORSE

Toshiyuki Fujihara, Pierre Gervais

P6.4 - ID 48 (NIA)

INFLUENCE OF A SUSPENDED AID ON WRIST LOADING PATTERN DURING CIRCLES ON POMMEL HORSE

Toshiyuki Fujihara, Pierre Gervais

P6.5 - ID 285

COMPARATIVE STUDY OF GIANT SWINGS ON THE PARALLEL BARS Spiros Prassas

P6.6 - ID 592

KINEMATIC ANALYSIS OF RING-SHAPE LEAP AFTER STEPPED UP THE LEGS AND BACKWARD BALANCE IN ARTISTIC GYMNASTICS Liang Cheng, Xi Li, Jihe Zhou

P6.7 - ID 349

KINEMATICS AND ANGULAR MOMENTUM CONTRIBUTIONS TO THE TOE-ON TKACHEV ON UNEVEN BARS IN FEMALE GYMNASTICS Gareth Irwin, Michelle Manning, David G. Kerwin

P6.8 - ID 562

THE CENTER OF MASS TRAJECTORY DURING FIXED-STANCE PUSH HANDS MOVEMENTS OF TAI CHI CHUAN

Lin-Hwa Wang, Kuo-Cheng Lo, Sheng-Weng Shih, Fong-Chin Su

P6.9 - ID 589

ANALYSIS OF THE TAKEOFF MOTION FOR THE WORLD TOP FEMALE TRIPLE JUMPERS Ai Tsukuno, Michiyoshi Ae, Hiroyuki Koyama, Yuya Muraki, Megumi Takamoto

P6.10 - ID 574 (NIA)

THE IMPACT OF BODY MASS AND SKILL LEVEL ON ROWING KINEMATICS Chris Richter, Stephanie Hamilton, Karen Roemer

Poster Session 7 (Miscellaneous)

P7.1 - ID 415

KINETIC ANALYSIS OF EACH HAND IN BASEBALL BATTING MOTION AT DIFFERENT HITTING POINT HEIGHTS
Kazumichi Ae, Sekiya Koike

P7.2 - ID 549

INFLUENCE OF THE FOOT-FLOOR INTERFACE ON SQUATTING PERFORMANCE Kathleen Shorter, Jason Lake, Neal Smith, Mike Lauder

P7.3 - ID 474

MOMENTS IN THE KNEE AND HIP DURING DESCENT AND ASCENT OF SQUATS Turgut Gülay, Renate List, Silvio Lorenzetti

P7.4 - ID 453

INFLUENCE OF ANKLE TAPING ON DYNAMIC BALANCE PERFORMANCE Ian C. Kenny, Can Wu, Johnson McEvoy

P7.5 - ID 496 (NIA)

HIP AND LUMBO-PELVIC STRENGTH IN SUBJECTS WITH PATELLOFEMORAL PAIN SYNDROME: A SYSTEMATIC REVIEW OF THE LITERATURE Gustavo Leporace, Rodrigo Paiva, Leonardo Metsavaht, Luiz Alberto Batista

P7.6 - ID 466

ESTIMATING ANTERIOR TIBIAL TRANSLATION FROM MODEL-BASED IMAGE-MATCHING OF A NONCONTACT ACL INJURY IN PROFESSIONAL SOCCER Hideyuki Koga, Roald Bahr, Tron Krosshaug

P7.7 - ID 405

A BIOMECHANICAL ANALYSIS OF FRONT VERSUS BACK SQUAT: INJURY IMPLICATIONS. D. Diggin, C. O'Regan, N. Whelan, S. Daly, V. McLoughlin, L. McNamara, A. Reilly

P7.8 - ID 582

COMPARISON OF TIBIAL IMPACT ACCELERATIONS: VIDEO VS ACCELEROMETER Erich J. Petushek, Chris Richter, David Donovan, William P. Ebben, Randall L. Jensen

P7.9 - ID 452

SHOULDER KINETICS DURING PITCHING AND THEIR RELATION TO REPORTED SHOULDER PAIN
David Keeley, Gretchen Oliver, Christopher Dougherty

P7.10 - ID 467

LOWERING VELOCITY OF THE CENTRE OF MASS DURING THE APPROACH AFFECTS JUMP HEIGHT IN VOLLEYBALL SPIKE JUMPS

Claas H. Kuhlmann, Karen Roemer, Thomas L. Milani

30.06.2011 12:00

Exhibition Hall

Poster Sessions 8 to 10

Poster Session 8 (Biomechanics of Individual Sports)

P8.1 - ID 404

KINEMATICAL AND NEUROMUSCULAR ASPECTS RELATED TO PERFORMANCE DURING THE SWIMMING START

Daniele Detanico, Stephanie Iara Heidorn, Juliano Dal Pupo, Fernando Diefenthaeler, Saray Giovana dos Santos

P8.2 - ID 537

COMPARATIVE ANALYSIS OF TEMPORAL PARAMETERS OF DIFFERENT TECHNIQUES OF THE FREESTYLE FLIP TURN

Suzana M Pereira, Caroline Ruschel, Thiago G Souza, Luciana G Araujo, Pedro Gonçalves, Ricardo Fernandes, Helio Roesler, João Paulo Vilas-Boas

P8.3 - ID433

MUSCULAR AND ARM CRAWL STROKE POWER: EVALUATING THEIR RELATIONSHIP Rocio Dominguez-Castells, Raul Arellano

P8.4 - ID 438

13th FINA WORLD CHAMPIONSHIP FINALS: STROKE KINEMATICS AND RACE TIMES ACCORDING TO PERFORMANCE, GENDER AND EVENT

Sérgio Jesus, Mário J Costa, Daniel A Marinho, Nuno D Garrido, António J Silva, Tiago M Barbosa

P8.5 - ID571

ARM SYMMETRY IN 11-13 YEARS OLD FRONT CRAWL SWIMMERS

Ana Silva, Pedro Figueiredo, Susana Soares, João Paulo Vilas-Boas, Ricardo J. Fernandes

P8.6 - ID 400

ELECTROMYOGRAPHIC ANALYSIS OF TWO DIFFERENT FEET POSITIONS IN BACKSTROKE START

Karla de Jesus, Kelly de Jesus, Pedro Figueiredo, Pedro Gonçalves, Suzana Pereira, João Paulo Vilas-Boas, Ricardo Fernandes

P8.7 - ID 436

THE EFFECT OF FATIGUE ON THE 200 M FRONT CRAWL UNDERWATER STROKE PATTERN

Pedro Figueiredo, Rafael Nazário, André Cereja, João Paulo Vilas-Boas, Ricardo J Fernandes

P8.8 - ID 501

THE RELATIONSHIP BETWEEN FRONT CRAWL PERFORMANCE AND HYDRODYNAMICS IN YOUNG FEMALE SWIMMERS

Daniel A. Marinho, Roberto Oliveira, Nuno D. Garrido, Tiago M. Barbosa, Mário J. Costa, António J. Silva, Aldo M. Costa

P8.9 - ID 596

A KINEMATIC ANALYSIS OF THE BREASTROKE KICK

Eric Matheson, Young Hwang, Jennifer Romack, William Whiting, Konstantinos Vrongistinos

P8.10 - ID 546

LOAD DURING THE VERTICAL JUMP IN WATER: VALUES FOR PRESCRIPTION IN HYDROTHERAPY

Alessandro Haupenthal, Caroline Ruschel, Heiliane B Fontana, Daniela P Santos, Paulo R Cerutti, Helio Roesler

Poster Session 9 (Biomechanical Instrumentation & Evaluation Methods)

P9.1 - ID 531

THE EFFECT OF DIRECT VIDEO FEEDBACK ON PERFORMANCE OF TENNIS SERVE Ruhil A. Razali, Edin K. Suwarganda, Izwan M. Zawaki

P9.2 - ID 484

PRELIMINARY ANALYSIS OF SLEDGE REACTION FORCES DURING CYCLICAL LOADING OF THE TRICEPS SURAE

Laura-Anne M. Furlong, Andrew J. Harrison

P9.3 - ID 476

COMPARISON OF BALLISTIC AND NON-BALLISTIC LOWER-BODY RESISTANCE EXERCISE PERFORMANCE. METHODS TO DETERMINE THE POSITIVE LIFTING PHASE Jason Lake, Mike Lauder, Neal Smith

P9.4 - ID 475

BARBELL KINEMATICS SHOULD NOT BE USED TO ESTIMATE BARBELL AND BODY SYSTEM CENTRE OF MASS POWER IN THE BACK SQUAT Jason Lake, Mike Lauder, Neal Smith

P9.5 - ID 161 (NIA)

CALCULATING CENTRE OF PRESSURE FROM MULTIPLE FORCE PLATES FOR KINETIC ANALYSES OF SPRINT RUNNING

Timothy Exell, David Kerwin, Gareth Irwin, Marianne Gittoes

P9.6 - ID 166

CONTACT TIME, JUMP HEIGHT, AND REACTIVE STRENGTH INDEX DURING DROP JUMPS IN WATER, ON PADDED AND NONPADDED CONDITIONS

Mitchell L. Stephenson, William P. Ebben, Eamonn P. Flanagan, Randall L. Jensen

P9.7 - ID 176

RECONSTRUCTION ERROR OF CALIBRATION VOLUME'S COORDINATES FOR 3D SWIMMING KINEMATICS

Pedro Figueiredo, João Paulo Vilas-Boas, Ricardo J Fernandes

P9.8 - ID 445

RELIABILTY OF ELECTROMAGNETIC TRACKING IN DESCRIBING PITCHING MECHANICS David W Keeley, Gretchen D Oliver, Christopher P Dougherty, Michael R Torry

P9.9 - ID 479 (NIA)

REARFOOT ANGLE VELOCITIES DURING RUNNING - A COMPARISON BETWEEN OPTOELECTRONIC AND GYROSCOPIC MOTION ANALYSIS Pavle Lederer, Reinhard Blickhan, Heiko Schlarb

P9.10 - ID 393

RELATIVE JOINT MOMENT CONTRIBUTION TO THE POWER GENERATED IN A MARTIAL ARTS KICK – INFLUENCE OF SKILL LEVEL

Silvia Cabral, António P Veloso, Vera Moniz-Pereira

Poster Session 10 (Biomechanical Modelling and Simulation)

P10.1 - ID 483

EFFECT OF SEAT TUBE ANGLE ON THE WORK EFFICIENCY OF LOWER LIMB MUSCLES DURING CYCLING

Kyung Ryul Chung, Joon Ho Hyeong, Sa yup Kim, Chun Ho Choi

P10.2 - ID 460

CHANGES IN LEG COMPLIANCE DURING HOPPING TO EXHAUSTION Wangdo Kim, Filipa João, António Veloso, Arkady S. Voloshin

P10.3 - ID 472

EFFECTS OF LOWER BODY COMPRESSION GARMENT IN MUSCLE OSCILLATION AND TISSULAR INJURY DURING INTENSE EXERCISE.

Xantal Borràs, Xavier Balius, Francheck Drobnic, Lluis Til, Antonio Turmo, Javier Valle

P10.4 - ID 528(NIA)

CO-CONTRACTION OF TIBIALIS ANTERIOR AND SOLEUS MUSCLES DURING EXERCISES WITH DIFFERENT CONDITIONS OF INSTABILITY

Jomilto Praxedes, Gustavo Leporace, Sergio Pinto, Glauber Pereira, Araildo Silva, Luiz Alberto Batista

P10.5 - ID 37

CENTRAL AND PERIPHERAL FATIGUE IN WOMEN ATHLETES Heidi Orloff, Allison Craven, Fiona Gornick

P10.6 - ID 505

COMPARISON OF VISCOELASTIC STRESS RELAXATION RESPONSE BETWEEN FLEXIBLE AND INFLEXIBLE INDIVIDUALS

Christian E.T. Cabido, Hans-Joachim Menzel, Fabrício Anício Magalhães, Beatriz Magalhães Pereira, Gustavo H. C. Peixoto, Pedro Frederico Valadão, Antonio Eustáquio Melo Pertence, Mauro Heleno Chagas

P10.7 - ID 495

KINETIC PARAMETERS DETERMINANTS OF PERFORMANCE IN COUNTER MOVEMENT JUMP

Juliano Dal Pupo, Daniele Detanico, Saray Giovana dos Santos

P10.8 - ID329

RELATIONSHIP BETWEEN LEG DOMINANCE TESTS AND TYPE OF TASK
Jessica Velotta, Josh Weyer, Amanda Ramirez, Jamila Winstead, Rafael Bahamonde

P10.9 - ID490

KINETIC PROFILE AND INCIDENCE OF INJURIES AMONG HIGH PERFORMANCE TRAMPOLINE GYMNASTS

S. M. Kuisis, T.C. Camacho, S. M. Dafel, D. C. Janse van Rensburg

01.07.2011 12:00

Exhibition Hall

Poster Sessions 11 to 13

Poster Session 11 (Biomechanical Instrumentation & Evaluation Methods)

P11.1 - ID488

CONSTRUCTION AND CALIBRATION OF A LOW-COST FORCE PLATE FOR HUMAN BALANCE EVALUATION

Raphaela Alvarenga, Flávia Porto, Ricardo Braga, Rebecca Cantreva, Gabriel Espinosa, Alex Itaborahy, Pedro Paulo Soares, Jonas Gurgel

P11.2 - ID 533

NEW SOFTWARE FOR THE IDENTIFICATION OF INDIVIDUALIZED RESPONSES TO PHYSICAL TESTS IN LARGE GROUPS OF SUBJECTS

Rafael Alkmin Reis, Denise Vaz de Macedo, René Brenzikofer

P11.3 - ID 538

RELATIVE ERROR ANALYSIS DURING REPRODUCTION OF ISOMETRIC FORCE OF KNEE EXTENSORS IN YOUNG ADULTS

Bruno M Espindola, Caroline Ruschel, Heiliane B Fontana, Daniela P dos Santos, Marcos A Noronha, Alessandro Haupenthal

P11.4 - ID 504

COMPARISON OF TWO METHODS TO CALCULATE PASSIVE MUSCLE STIFFNESS IN HUMAN

Gustavo H. C. Peixoto, Hans Joachim Menzel, Fabrício Anício Magalhães, Beatriz Magalhães Pereira, Antonio Eustáquio Melo Pertence, Ricardo Luiz Carneiro, Mauro Heleno Chagas

P11.5 - ID 547

A DYNAMOMETRIC METHOD FOR THE EVALUATION OF HIKING IN LASER BOATS Gustavo R Schütz, Alessandro Haupenthal, Caroline Ruschel, Heiliane B Fontana, Marcel Hubert, Suzana M Pereira, Helio Roesler

P11.6 - ID 411

VALIDATION WITH VIDEOMETRY OF AN INTEGRATED SYSTEM TO ASSESS HORIZONTAL INTRA-CYCLIC VELOCITY WITH A MECHANICAL SPEEDO-METER

Tiago M Barbosa, Mário I Costa, Jorgo E Morais, Sárgio Josus, António I Silva, José

Tiago M Barbosa, Mário J Costa, Jorge E Morais, Sérgio Jesus, António J Silva, José Batista, José Gonçalves

P11.7 - ID 418

ASSESSING TENNIS PLAYER INTERACTIONS WITH TENNIS COURTS Marcus Dunn, Simon Goodwill, Jon Wheat, Steve Haake

P11.8 - ID 456

WALKINSENSE VALIDATION: PRELIMINARY TESTS OF MOBILITY PARAMETERS

Marcelo Castro, Sofia Abreu, Isabel Fonseca, João Neiva, Miguel V. Correia, J. P. Vilas-Boas

P11.9 - ID 455

THE EFFECTS OF WEARING SPANDEX GARMENT WITH COMPRESSION BAND ON KINEMATIC VARIABLES DURING A GOLF SWING

Chang-soo Yang, Ho-youl Kang, Gye-san Lee, Young-tae Lim, Seong-jung Kim, Woen-sik Chae, Min-soo Kim, Dong-soo Kim, Nyeon-ju Kang

P11.10 - ID 468

EFFECT OF KINESIO TAPING ON PERFORMANCE IN COUNTER-MOVEMENT JUMP Jakob Kümmel, Danica Mauz, Florian Blab, Manfred Vieten

Poster Session 12 (Biomechanics of Individual Sports)

P12.1 - ID 532

COMPARISON OF KINEMATIC CHARACTERISTICS BETWEEN STANDING AND ROTATIONAL DISCUS THROWS
Oleg Nemtsev

P12.2 - ID 258

EFFECT OF PERFORMANCE SPEED ON THE KINEMATICS AND KINETICS OF TWO TRUNK AND HIP STRENGTHENING EXERCISES

José L.L. Elvira, David Barbado, Belén Flores-Parodi, Francisco J. Vera-García

P12.3 - ID 296

A METHOD TO QUANITIFY MOVEMENT VARIABILITY OF HIGHLY SKILLED GOLFERS PERFORMING DRIVER SWINGS

Catherine B. Tucker, Ross Anderson, Ian C. Kenny

P12.4 - ID 406

EFFECTS OF TRYING TO GAIN DISTANCE ON GOLF DRIVING TECHNIQUE Steven J. Buzza, Gareth Irwin, Ian N. Bezodis, David G. Kerwin, Young-Hoo Kwon

P12.5 - ID 591

COMPARATIVE BIOMECHANICS ANALYSIS OF HURDLE CLEARANCE TECHNIQUES Xi Li, Jihe Zhou, Ning Ii, Jing Wang

P12.6 - ID 499

COMPARISON OF PLAYER'S CENTER OF MASS MOVEMENT BETWEEN HIGH AND LOW IMPACT POSITIONS IN TENNIS FOREHAND STROKE Chih-Yu Lin, Kuo-Cheng Lo, Hwai-Ting Lin, Lin-Hwa Wang

P12.7 - ID464

KINEMATICS OF FOOT-SHANK COMPLEX IN "KENDO" AND ITS RELATIONSHIP WITH FOOT ARCH HEIGHT

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