

Tentative Presentation Schedule for Poster, 7 June

Session No. 1, Location: 5C416, Day: July 19

Poster presentation: Running and Sprint

Chair:

Time	Paper ID	Title
11:15	P0101033	POSITIVE RELATIONSHIP OF TRUNK MOVEMENTS AND ACCELERATION DURING 20M SPRINT TEST IN ELITE MALE FOOTBALL PLAYERS Kresimir Sos, Pavle Mikulic,
11:18	P0102084	DETECTION OF FOOT CONTACT AND TOE-OFF USING KINEMATIC DATA FOR TREADMILL RUNNING OVER A WIDE RANGE OF SPEEDS Hidetaka OKADA, Shuhei KURITA, Shogo YABIKU,
11:21	P0103087	BAREFOOT RUNNING TRAINING: IMPLICATIONS FOR JOINT STIFFNESS AND MUSCULAR CO-ACTIVATION Nicholas Tam, Nikhil V. Divekar, Robert P. Lamberts, Ross Tucker, Jaclyn L. Hill,
11:24	P0104112	DOES REARFOOT EVERSION ANGLE REPRESENT REARFOOT EXTERNAL EVERSION MOMENT DURING STANCE PHASE OF RUNNING? Norio Tsujimoto, Hiroyuki Nunome, Yasuo Ikegami,
11:27	P0105116	RUNNING ECONOMY AND MECHANICS IN TRIATHLETES VS. RUNNERS Keigo Takahashi, Sachio Usui,
11:30	P0106261	THE RELATIONSHIP BETWEEN VERTICAL STIFFNESS IN MAXIMAL AND SUB-MAXIMAL HOPPING TESTS AND RUNNING PERFORMANCE IN YOUNG MIDDLE-DISTANCE RUNNERS: A PILOT STUDY Joong Hyun Ryu, Andrew Murray,
11:33	P0107265	THREE-DIMENSIONAL ACCELERATION DURING RUNNING IN TRAINED ATHLETES AND UNTRAINED SUBJECTS Kenta Goto, Masahiro Kawabata, Chiho Fukusaki, Ken Sasaki, Takahiro Mizushina, Naokata Ishii,
11:36	P0108281	RELATIONSHIP OF BASE-RUNNING PERFORMANCE WITH RUNNING DIRECTION AND ITS CHANGE Tempei Tsuno, Ryu Nagahara, Mirai Mizutani, Akifumi Matsuo, Hiroki Nakamoto, Akira Maeda,
11:39	P0109294	SEX DIFFERENCES IN RACE PROFILE AND STROKE VARIABLES DURING 200-M SPRINT IN JUNIOR KAYAKERS Tomoya Hirano, Yu Kashiwagi, Michio Yamagishi, Shun Senba, Tomoko Kato, Kazuo Funato,
11:42	P0110310	SPRINT RUNNERS' INTENTIONS DURING ACCELERATION AND CHANGES IN THEIR RUNNING SPEED Yasuo Shinohara, Masato Maeda,
11:45	P0111338	SHOULD ATHLETES USE THEIR STRONGER LEG ON THE FRONT BLOCK DURING THE SPRINT START? Dr Aki Salo, Margaret Gayen, Joanna Patterson, Dr Cassie Wilson,
11:48	P0112341	EFFECTS OF VISUAL GAIT-RETRAINING ON DIFFERENT RUNNING CONDITIONS AND SPEEDS Jaco Liebenberg, Maren Witt,
11:51	P0113369	DOES STRIKE PATTERNS OR SHOE CONDITIONS HAVE GREATER INFLUENCE ON RUNNING IMPACT Yang Yang, Weijie Fu, Xi Wang,
11:54	P0114371	THE EFFECT OF HORIZONTAL FORCE ON ACCELERATION PERFORMANCE IN SPRINTING Jiabin Yu, Chen Yang, Yuliang Sun, Yu Liu,
11:57	P0115375	COMPARISON IN LOWER LIMB KINEMATICS AFFECTING RUNNING ECONOMY OF TRAINED AND UNTRAINED RUNNERS Shusuke Hatakeyama, Shuhei Kurita, Akira Shiihara, Hidetaka Okada,
12:00	P0116396	LOWER LIMB KINEMATICS AND KINETICS AFTER TOTAL KNEE ARTHROPLASTY SURGERY DURING RUNNING ? A CASE STUDY Igor Komnik, Markus Peters, Wolfgang Potthast,
12:03	P0117312	EFFECTS OF SHOE WEIGHTS ON RUNNING GAIT ANALYSIS JIN-JIANG Gao, I-Lin Wang, Chin-Yi Gu, Li-I Wang,
12:06	P0118421	VALIDATION OF INERTIAL MEASUREMENT UNITS FOR TRACKING 100M SPRINT DATA Lucy Parrington, Elissa Phillips, Andrew Wong, Mark Finch, Elizabeth Wain, Clare MacMahon,
12:09	P0119422	ACCURACY AND VALIDITY: DO INSTRUMENTED TREADMILLS STAY IN THE RUNNING? Ken Van Alsenoy, Athol Thomson, Angus Burnett,

- 12:12 P0120429 CONTRIBUTION OF FORWARD AND VERTICAL IMPULSES DURING MAXIMAL 50M SPRINTING TO THE MAXIMUM RUNNING VELOCITY IN SPRINTERS
Akifumi Matsuo, Mirai Mizutani, Ryo Nagahara, Hiroaki Kanehisa, Tetsuo Fukunaga,
- 12:15 P0121448 COMPARISON OF GROUND REACTION FORCES IN TWO RUNNING-SPECIFIC PROSTHESES (SPRINTER 1E90 AND CHEETAH XTREME): A CASE STUDY
Atsushi Makimoto, Hiroaki Hobara, Satoru Hashizume, Akihiko Murai, Yoko Sano, Yoshiyuki Kobayashi, Hiroshi Takemura,
- 12:18 P0122457 MECHANICAL DETERMINANTS OF SPRINT PERFORMANCE IN ELITE AND SUB-ELITE FIELD HOCKEY PLAYERS
Benedicte Vanwanseele, Jeroen Aeles,
- 12:21 P0123477 AMPUTATION SIDE AND SITE DETERMINE PERFORMANCE CAPACITY IN PARALYMPIC CURVE SPRINTING
Johannes Funken, Kai Heinrich, Steffen Willwacher, Ralf Müller, Wolfgang Potthast,

Session No. 2, Location: 5C213, Day: July 19

Poster presentation: Jump

Chair:

- 11:15 P0201097 BIOMECHANICAL ANALYSIS OF VERTICAL JUMP WITH DIFFERENT FOREFOOT MORPHOLOGY
Yang Shu, Yaodong Gu, Guoqing Ruan, Li Yang,
- 11:18 P0202125 EFFECTS OF ROPE LENGTHS ON JUMP CYCLE DURING SKIPPING
Akihiro Azuma, O
- 11:21 P0203181 A STUDY ON THE OPTIMAL DEFENSE POSITION OF HANDBALL GOALKEEPER: FACING A FORWARD JUMP SHOT MADE FROM 9M
Jonghyun Yang, Chulsoo Chung, Insik Shin, Jaebum Park,
- 11:24 P0204206 THE EFFECTS OF QUADRICEPS TAPING AND NON-TAPING APPROCHES ON COUNTERMOVEMENT JUMP PERFORMANCE
Po-Teng, Huang, Sheue-An Yu, Jia-Hao Chang,
- 11:27 P0205225 KNEE TAPING AND GROUND REACTION FORCES IN A SIT TO STAND, SQUAT, AND VERTICAL JUMPING TASKS
Paolo Sanzo, Carlos Zerpa,
- 11:30 P0206254 RELATIONSHIP BETWEEN CENTER OF MASS KINEMATICS AND BALL VELOCITY DURING JUMP THROWING IN HANDBALL
Abdel-Rahman Akl, Sherif Taha,
- 11:33 P0207278 CONTRIBUTION OF THE LOWER LIMB JOINTS IN IN DIFFERENCE OF POWER OUTPUT FROM REBOUND JUMP
Shingo Hondo, Ikuhiro Miyauchi, Itsuo Kawaguchi, Kiyohide Aoyama,
- 11:36 P0208289 DIFFERENT POWER AND MUSCULAR ACTIVITIES OF THE LOWER LIMBS IN THE REBOUND JUMP
Yuta Murakoshi, Keitaro Seki, Yasunori Kobayashi, Kiyohide Aoyama,
- 11:39 P0209290 FUNCTIONS OF EACH LOWER LIMB SEGMENTS DURING REBOUND JUMPING TAKEOFF
kiyohide aoyama, Yuta Murakoshi, Keitaro Seki,
- 11:42 P0210301 A TEMPORAL AND KINETIC COMPARISON OF THE KETTLEBELL SWING AND MAXIMAL VERTICAL JUMP
Melissa A. Mache, ChengTu Hsieh,
- 11:45 P0211308 SEX-BASED DIFFERENCES IN TRUNK ACCELERATION AND LANDING POSTURE DURING THE DROP VERTICAL JUMP TEST
Shogo Sasaki, Yui Shimada, Yasuharu Nagano,
- 11:48 P0212348 THE EFFECTS OF UPPER LIMBS POSITION ON THE AERODYNAMICS IN SKI JUMPING FLIGHT
Kaoru yamanobe, Keita Shirasaki, keita Akashi, Yusuke Ishige,
- 11:51 P0213387 DIFFERENCES BETWEEN TAKE-OFF BEHAVIOR DURING VERTICAL JUMPS AND TWO ARTISTIC ELEMENTS
Anna Droszez, Maximilian Sanno, Jan-Peter Goldmann, Kirsten Albracht, Gert-Peter Br?ggemann, Bjoern Braunstein,
- 11:54 P0214390 PROFILING COUNTER-MOVEMENT JUMP PERFORMANCE OF YOUTH MALE ATHLETES WITH RESPECT TO AGE, BODY MASS AND SPORTS

- Dino A. Palazzi, Joong Hyun Ryu, Jonathan A. Glynn, Benjamin K. Williams, Luke J. Gallagher and Philip Graham-Smith, Joong Hyun Ryu, Jonathan A. Glynn, Benjamin K. Williams, Luke J. Gallagher, Philip Graham-Smith,
- 11:57 P0215398 RELATION BETWEEN AERODYNAMIC FORCE AND FLIGHT POSTURE IN THE FLIGHT PHASE TRAINING OF SKI JUMPING USING WIND TUNNEL
Keita Akashi, Kaoru Yamanobe, Keita Shirasaki, Yusuke Ishige,
- 12:00 P0216425 THREE-DIMENSIONAL ANALYSIS OF THE TAKE-OFF PREPARATORY MOTION IN THE LONG JUMP
Yutaka SHIMIZU, Michiyoshi Ae,
- 12:03 P0217438 A COMPARISON OF REGULATION GAIT BETWEEN THE SUCCESSFUL AND FAILED POLE VAULT PERFORMANCE.
Yuji Tamura, Hiroyuki Nunome, Sachio Usui,
- 12:06 P0218469 MISSIE – A NEW METHOD TO ANALYSE PERFORMANCE PARAMETERS OF FIGURE SKATING JUMPS
Karsten Schäfer, Niklas Brown, Wilfried Alt,
- 12:09 P0219481 THE EFFECTS OF EXTERNAL LOAD ON LOWER EXTREMITY ELECTROMYOGRAPHY AMPLITUDE DURING COUNTERMOVEMENT JUMP
Chung-Yu Chen, Wei-Kai Wang, Wei-Bin Lin, Ti-Yu Chen,
- 12:12 P0220482 BIOMECHANICAL FACTORS RELATED TO FUNCTIONAL ONE-LEGGED JUMPING PERFORMANCE IN YOUNG FEMALE TEAM HANDBALL PLAYERS
Jesper Bencke, Mille J. Jensen, Mette K. Zebis,
- 12:15 P0221489 KINEMATIC RELEVANCE OF SHORT APPROACH JUMPS AS A TRAINING TOOL FOR COMPETITION LONG JUMPING
Catherine Shin, Dr Sam Allen, Dr Paul Brice,
- 12:18 P0222493 LENGTH OF SERIES ELASTIC ELEMENT AND CONTRACT ELEMENT DURING VERTICAL JUMP
Yuji Ohshima, Norihisa Fujii,
- 12:21 P0223494 THE INFLUENCE OF ARCH SUPPORT INSOLE ON BASKETBALL JUMP SHOT
Yu-Jung Chen, Zong-Rong Chen, Hui-Yun Cheng, Chen-Yi Song, Yat-Hon Chen, Hsien-Te Peng,
- 12:24 P0224499 COURSE ANALYSIS OF APPROACH TECHNIQUES OF 3/4 CUT IN WATER SKI JUMP
Yudai Takami, Norihisa Fujii, Takuya Otsu,

Session No. 3, Location: 5C407, Day: July 19

Poster presentation: Ball Games

Chair:

- 11:15 P0301106 SIMULATION SYSTEM FOR IMPROVING TENNIS STROKE MOTION
Asato Okamura, Takeo Ishi, Daisuke Mitsunashi,
- 11:18 P0302115 THE IMPACT PHASE OF DROP PUNT KICKING: VALIDATION AND EXPERIMENTAL DATA OF A MECHANICAL KICKING LIMB
James Peacock, Kevin Ball,
- 11:21 P0303179 OPTIMIZATION OF HANG-TIME TECHNIQUE FOR VOLLEYBALL SPIKE JUMPS.
Dhruv Gupta, Richard R. Neptune, Jody Jensen, Lawrence Abraham,
- 11:24 P0304251 ACCURACY IN DETERMINING KINETIC PARAMETERS WITH FORCE PLATES EMBEDDED UNDER SOIL-FILLED BASEBALL MOUND
Toshimasa Yanai, Akifumi Matsuo, Akira Maeda, Hiroki Nakamoto, Mirai Mizutani, Hiroaki Kanehisa, Tetsuo Fukunaga,
- 11:27 P0305291 THE EFFECT OF CONCUSSION HISTORY ON POSITIONAL BALANCE ABILITY IN RUGBY UNION ATHLETES
Kechi Anyadike-Danes, Scott R Brown,
- 11:30 P0306311 STERNOCLAVICULAR JOINT MOVEMENT DURING BACKSWING IN BASEBALL PITCHING MAY BE A GOOD INDICATOR OF SHOULDER INJURY
Tomoyuki Matsuo, Masahiro Kubota, Tsutomu Jinji, Daiki Nasu, Daisaku Hirayama, Takeo Ishii, Daisuke Kumagawa,
- 11:33 P0307317 A QUALITATIVE COMPARISON OF DISC MOVEMENT AND INTER JOINT COORDINATION OF UPPER LIMB IN FLYING DISC FOREHAND THROWING
HaeRyun JUNG, SeongJoon Kim, MinRa Choi, JungHo Lee, Ki-Kwang Lee,
- 11:36 P0308344 EVALUATING ICE HOCKEY SPECIFIC TRAINING
Mark Walsh, Erich Groezinger, Justin Roethlingshoefer, Ronald Cox,

- 11:39 P0309353 GAME PERFORMANCE ANALYSIS OF SOCCER GOALKEEPERS COMPARISON BETWEEN SAVING MOTION AND OTHER MOTIONS
Naoki Numazu, Norihisa Fujii, Masao Nakayama, Masaaki Koido,
- 11:42 P0310361 EFFECTS OF 8-WEEKS WHOLE BODY VIBRATION TRAINING ON SOME MARKERS OF TENNIS PERFORMANCE
Ismail Bayram, Ali Onur Cerrah, Deniz Simsek, Hayri Ertan,
- 11:45 P0311380 THE EFFECTS OF PLYOMETRIC TRAINING ON KNEE JOINT ANGLE-TORQUE RELATIONSHIP IN ELITE HANDBALL PLAYERS
Goktug Sanli, Selda Uzun, Yasar Tatar, Zeliha Cakir, Nejla Gercek, Nusret Ramazanoglu,
- 11:48 P0312385 KINEMATIC COMPARISONS OF KETTLEBELL TWO-ARM SWINGS BETWEEN EXPERTS AND BEGINNERS
Young-Kwan Kim, Chang-Yei Back, Ji-Yong Joo, Cheol-Hee, Chang-Whi,
- 11:51 P0313392 3D KINEMATIC ANALYSIS OF THE THREE MAIN STROKES IN PADDLE TENNIS MOTOR PATTERNS
Andreas Skiadopoulos, Kostas Gianikellis,
- 11:54 P0314397 THE INTERDEPENDENCE OF FUNCTIONAL AND DYNAMIC STABILITY OF THE 16-18 YEARS OLD BASKETBALL PLAYERS ? A PILOT STUDY
Kajetan J. Słomka, Mariusz P. Furmanek, Ryszard Litkowycz, Justyna Szczepańska, Grzegorz Juras,
- 11:57 P0315411 HOP TIMING OF SPLIT STEP AND KINETICS ANALYSIS OF LOWER EXTREMITIES IN BADMINTON START FOOTWORK
Yi-Chang Hsueh, Kuang-Min Pan, Chien-Lu Tsai,
- 12:00 P0316416 THE ELECTROMYOGRAPHY CHARACTERISTICS BETWEEN DIFFERENT LEVELS OF SOCCER PLAYER ON INSTEP KICKING
Yo Chen, Wu-Yen Chang, Wen-Tien Yang, Jia-Hao Chang,
- 12:03 P0317428 EFFECT OF APPROACH SPEED ON SOCCER SHOOTING PERFORMANCE
Yu-Cheng Ou, Kuangyou B. Cheng,
- 12:06 P0318432 A BIOMECHANICAL STUDY OF TIMING IN BASEBALL BATTING AGAINST A PITCHED FASTBALL: COMPARISON OF BATTING SITUATIONS WITH AND WITHOUT PRIOR KNOWLEDGE OF THE TYPE OF PITCH
Tomohisa Miyanishi, So Endo,
- 12:09 P0319436 A BIOMECHANICAL ANALYSIS FOR PROFICIENT AND LESS-PROFICIENT SUBJECTS FOR SOCCER HEADING
Luis Hernandez, Yeow Chen-Hua,
- 12:12 P0320439 EFFECTS ON POSTURAL CONSTRAINTS ON OVERARM THROWING
Ti-Yu Chen, Chung-Yu Chen, Yuan-Yu Tsai, Jui-Chen Hung, Tai-Yuan Su,
- 12:15 P0321440 KINEMATICS OF LOW, MIDDLE AND HIGH VOLLEY KICKING IN SOCCER
Shusei Sugi, Hiroyuki Nunome, Yuji Tamura, Takahito Iga,
- 12:18 P0322446 GROUND REACTION FORCE, PLANTAR PRESSURE, AND SHOE FIT IN VARIOUS TYPICAL BASKETBALL FOOTWORK
Xi Wang, Weijie Fu,
- 12:21 P0323470 DYNAMIC DETERMINANTS OF THE UPPER TORSO ANGULAR VELOCITY IN GOLF SWING
Tokio Takagi, 0
- 12:24 P0324472 DEVELOPMENT OF THROWING ACCURACY IN ELEMENTARY SCHOOL HANDBALL PLAYERS
Katsue Kawamura, Masahiro Shinya, Hiroyuki Kobayashi, Hiroki Obata, Masumi Kuwata, Kohtaroh Hagio, Kimitaka Nakazawa,
- 12:27 P0325475 AN ANALYSIS OF SPECIFIC FITNESS TESTING IN FEMALE JUNIOR TENNIS PLAYERS
Ching-Cheng Chiang, Jong-Chang Tsai, Jinn-Yen Chiang,

Session No. 4, Location: 5C416, Day: July 20

Poster presentation: Various Sports

Chair:

- 11:15 P0401146 HOW SAFE ARE THE CODE OF POINTS LANDING TECHNICAL REQUIREMENTS IN ARTISTIC GYMNASTICS? PRELIMINARY RESULTS
Elizabeth Bradshaw, Karen Grech, Patria Hume, Corey Joseph, Mark Calton,
- 11:18 P0402148 THE EFFECT OF SHOULDER POSITION DIFFERENCE OF STREAMLINE POSTURE IN COMPETITIVE SWIMMERS
Yasunori Watanabe, Kohji Wakayoshi, Teruo Nomura,

- 11:21 P0403194 EFFECT OF DIFFERENT CYCLING CONDITIONS ON SAGITTAL AND FRONTAL LOWER LIMB KINEMATICS OF COMPETITIVE AND RECREATIONAL CYCLISTS
Roman Farana, Adam Motyka, Jaroslav Uchytíl, Gerda Strutzenberger,
- 11:24 P0404202 EXAMINATION OF BAR VELOCITY IN BARBELL BACK SQUAT
Kimitake Sato, Kevin Carroll, Mike Stone,
- 11:27 P0405232 SPATIAL AND TEMPORAL MOVEMENT PATTERNS OF THE SHOULDER JOINT IN BALLET DANCERS TO EXPRESS THE FLATTERING SWAN
Yui Kawano, Mayumi,
- 11:30 P0406282 KINEMATICS ANALYSIS ON THE CHINESE ELITE ATHLETES TAN SIXIN'S BALANCE BEAM MOVEMENT OF CHANGE LEG RING LEAP
Lanjing Xiong, Jihe Zhou, Qiao Su,
- 11:33 P0407299 REACTIVE STRENGTH INDEX-MODIFIED IN DIFFERENT PLYOMETRIC TASKS
Josh Walker, Sarah B. Clarke, Emma V. Waller, Aaron Robey-Broome, Randall L. Jensen,
- 11:36 P0408304 PROPULSION IN ELITE LOW-POINT CLASSIFICATION RUGBY WHEELCHAIR ATHLETES
David S Haydon, Ross A Pinder, Paul Grimshaw, William S P Robertson,
- 11:39 P0409410 OPTIMAL PATHWAY IN INNER LANE CURVING DURING MAXIMAL EFFORT SPRINT SPEED SKATING
YUKI Masahiro, Kimura Yoshinori, Yoshida Yohei,
- 11:42 P0410320 THE ROLE OF JOINTS OF LOWER LIMB DURING SHOCK ABSORBING PHASE IN RACE WALKING
Yuki Ito, Keizo Yamamoto,
- 11:45 P0411334 EFFECT OF LATERALLY MOVEABLE PEDALS (BIUS) ON KINEMATICS, PEDAL FORCES AND MUSCLE ACTIVITY IN RECREATIONAL CYCLING
Hermann Schwameder, Julia Lindorfer,
- 11:48 P0412360 FACTORS INFLUENCING VARIATION IN DIVE HEIGHT IN 1M SPRINGBOARD DIVING
Mohsen Sayyah, M.R. (Fred) Yeadon, Michael J. Hiley, Mark A. King,
- 11:51 P0413373 EFFECTS OF GRAVITY ON MULTI-DIGIT TORQUE PRODUCTION TASK IN HUMANS
Jaebum Park, Jonghyun Yang, Dayuan Xu,
- 11:54 P0414377 REVISITING RUN-UP VELOCITY IN GYMNASTICS VAULTING
Toshiyuki Fujihara, 0
- 11:57 P0415408 NEUROMUSCULAR ACTIVATION DURING ROTATION AND PUSH-OFF PHASES IN BACKSTROKE TO BREASTSTROKE TURNS BY AGE-GROUP SWIMMERS
Phornpot Chainok, Jessy Laurer, Rodrigo Zacca, Rita Barbosa, Pedro Goncalves, Ricardo Fernandes, João Paulo Vilas-Boas,
- 12:00 P0416423 CHANGE IN SPATIOTEMPORAL CYCLE VARIABLES & MUSCLE ACTIVATION DURING CLASSIC ROLLER SKI DOUBLE POLING TECHNIQUE
Kitae Kim, Insik Shin, Siddhartha Bikram Panday, Jin-hae Kim, Hye-young Kim, Gwang-jae Yu, Ji-hyun Kim,
- 12:03 P0417434 KINEMATICS CHARACTERISTIC OF LOWER EXTREMITY DURING SIMULATED SKIING EXERCISE IN HEALTHY PARTICIPANTS
Lee Hyo Taek, 0
- 12:06 P0418451 FORCE-ANGLE CHARACTERISTICS AND LEVEL OF COMPETITIVE REPRESENTATION IN ON-WATER ROWING
John Warmenhoven, Stephen Cobley, Conny Draper, Andrew Harrison, Norma Bargary, Richard Smith,
- 12:09 P0419463 SHOOTING PERFORMANCE AFFECTS MUSCLE ACTIVITY OF ELITE ARCHERS: PRELIMINARY FINDINGS
Fernando Carvalheiro Reiser, Nadjila Machado Tejo, Marcelo Saldanha Aoki, Fernando Henrique Magalhães, Luis Mochizuki,
- 12:12 P0420478 COMPARATIVE ANALYSIS OF LUNGE TECHNIQUES: FORWARD, REVERSE, WALKING LUNGE
Sanghoon Park, Chulsoo Chung, Jaebum Park, Jonghyun Yang, Siddhartha Bikram Panday, Jiseop Lee, Prabhat Pathak,
- 12:15 P0421480 HIP AND KNEE LOADING OF KARATE PLAYERS PERFORMING TRAINING AND COMPETITION STYLE VERSIONS OF A ROUNDHOUSE KICK
RIYADH AL-SAEED, Matthew Pain, Martin Lindley,
- 12:18 P0422492 ANALYSIS OF COORDINATIVE AND TEMPORAL VARIABLES IN TRANSITION FROM UNDERWATER TO SURFACE SWIMMING
Archit Navandar, Santiago Veiga, Iker Garcia, Enrique Navarro,

Session No. 5, Location: 5C213, Day: July 20

Poster presentation: Muscle & Tissue Mechanics

Chair:

- 11:15 P0501060 THE EFFECT OF THE PLANTAR PLATE ON PLANTAR APONEUROSIS STRAIN: 3D FINITE ELEMENT MODELING OF THE FOOT AND ANKLE
Zeeshan Qaiser, Ou Haihua, Shane Johnson, Ph.D. ,
- 11:18 P0502064 JOINT TORQUE AND POWER IN THE GLIDE SHOT PUT PERFORMANCE
Michalina Błażkiewicz, Barbara ?yso?, Adam Chmielewski, Monika Kwacz, Micha? Wychowa?ski, Andrzej Wit,
- 11:21 P0503071 KINEMATIC CHARACTERISATION OF THE HUMAN PELVIS IN HORSE BACK RIDING BY USING A FULL BODY INERTIAL SENSOR SYSTEM
Falko Eckardt, Kerstin Witte,
- 11:24 P0504081 MUSCLE ACTIVITY DURING GAIT ON A TREADMILL: A COMPARISON BETWEEN ANTERIOR CRUCIATE LIGAMENTS (ACL) AND NORMAL SUBJECT' S
Nurul Izzaty Bt. Amineldin @ Aminudin , Azmin Sham Rambely,
- 11:27 P0505094 COMPARISON OF UPPER LIMB MUSCLES BEHAVIOUR FOR SKILLED AND RECREATIONAL ARCHERS USING COMPOUND BOW
MUHAMMAD SHAHIMI ARIFFIN, AZMIN SHAM RAMBELY,
- 11:30 P0506100 THE NOVEL BIOMECHANICAL MEASUREMENT AND ANALYSIS SYSTEM FOR TUG-OF-WAR
Chun-ta Lin, Kuei-Pin Kuo, Hung-Sheng Hsieh and Jui-hung Tu, Chun-ta Lin, Kuei-Pin Kuo, Hung-Sheng Hsieh,
- 11:33 P0507111 THE ACUTE EFFECT OF UPPER EXTREMITY PLYOMETRIC TRAINING
Chun-ta Lin, Chia-hsiang Chen, Hung-sheng Hsieh, Jui-hung Tu, Chang-fu Huang, Chun-ta Lin, Chia-hsiang Chen, Hung-sheng Hsieh, Jui-hung Tu, Chang-fu Huang,
- 11:36 P0508142 THE DISCRIMINATION OF BARBELL WEIGHT FOR WEIGHTLIFTERS
Yi-Chun Tsai, Su-Kuan Yang, Hung-Ta Chiu,
- 11:39 P0509147 EFFECTS OF STRETCH-SHORTENING CYCLE DURING TRUNK-TWIST EXERCISE USING DIFFERENT LOADS
Kazutaka Takahashi, Takuya Yoshida, Yasushi Kariyama, Ryohei Hayashi, Koji Zushi,
- 11:42 P0510186 RELATIONSHIP BETWEEN MAXIMUM TOE FLEXOR MUSCLE STRENGTH AND ANTHROPOMETRIC VARIABLES OF THE LOWER LIMB AND THE FOOT IN COLLEGIATE ATHLETES
Aya Miyamoto, Yukiko Takami, Toshio Yanagiya,
- 11:45 P0511187 EFFECTIVE BODY POSITIONS FOR ROTATIONS ABOUT THE LONGITUDINAL AXIS
Karin Knoll, Axel Sch?ler, Thomas Lehmann,
- 11:48 P0512237 DELAYED RECOVERY OF KNEE EXTENSION TORQUE FOLLOWING MAXIMAL ECCENTRIC CONTRACTIONS MAY BE DUE TO CENTRAL FATIGUE
Byungjoo Noh, Andrea Lee, Claire Escher, Matthew Gage, Kevin Phillips, Tejin Yoon,
- 11:51 P0513268 MUSCULOSKELETAL CHARACTERISTICS FOR EAST-AFRICAN TOP DISTANCE RUNNERS
Masaki Ishikawa, Yoko Kunimasa, Kanae Sano, Takayuki Hisano, Akitoshi Makino, Toshiaki Oda, Jiro Toyooka, Caroline Nicol, Paavo Komi,
- 11:54 P0514313 THE EFFECT OF COMPLEX TRAINING PROGRAM ON SKATING PERFORMANCE FOR ELITE IN-LINE SPEED SKATERS
Wen-Lan Wu, Jing-Min Liang, Hsiu-Tao Hsu, Feng-Hua Tsai,
- 11:57 P0515328 THE EFFECTS OF CORE STABILITY TRAINING ON DYNAMIC BALANCE IN HEALTHY YOUNG STUDENTS
Yen-Ting Wang, Lung-Ching Liang, Alex J.Y. Lee,
- 12:00 P0516332 THE EFFECTS OF CONSTRAINING OPENSIM INVERSE KINEMATICS TO A BONE PIN MARKER DEFINED RANGE
Kenneth B. Smale, Brigitte Potvin, Mohammad Sharif Shourijeh, Tine Alkjaer, Daniel L. Benoit,
- 12:03 P0517342 ANTHROPOMETRIC AND STRENGTH CHARACTERISTICS OF RUGBY PLACE KICKERS
Neil Bezodis, Alexandra Atack,
- 12:06 P0518354 EFFECTS OF LEISURE SPORTS PARTICIPATION PERIOD ON BALANCE AND THE LOWER EXTREMITY ASYMMETRY
Mi Sun Kim, Se Jin Kong, Gizem Ozkaya, Min Young Shin, Lin Xue, Ki Kwang Lee,
- 12:09 P0519376 BIOMECHANICAL COMPARISONS OF ACTIVE AND UNEXPECTED LANDINGS WITH CHANGES IN DROP HEIGHT

- 12:12 P0520413 Shen Zhang, Weijie Fu, Yu Liu,
THE ACUTE EFFECT OF WHOLE BODY VIBRATION TRAINING ON AGILITY, SPEED AND POWER IN MALE VOLLEYBALL PLAYERS
- 12:15 P0521419 Chin-Shan Ho, Chi-Yao Chang, Kuo-Chuan Lin, Chun-Hao Chang, Ke-Chou Chen,
EVALUATION OF RECEIVING ABILITY OF TEENAGE MALE TABLE TENNIS PLAYERS IN TAIWAN
- 12:18 P0522430 Yi-Te Liu, Chin-Chih Chiou, Jiann-Li Chen, Chia-Yu Tang,
EFFECT OF JOINT TORQUE ON HORIZONTAL MOTION OF CENTER-OF-MASS DURING SWING ON GYMNASTIC RINGS
- 12:21 P0523433 Shusuke Imai, Taiga Yamasaki, Kyoji Yamawaki, Xin Xin, Shinsaku Izumi,
ANALYSING ROLES OF POSITION IN CURLING BASED ON SHOT-SCORES
- 12:24 P0524441 Kohsuke HIRATA, Fumito MASUI, Hiromu OHTANI, Hitoshi YANAGI, Michal PTASZYNSKI,
EVALUATION OF MECHANICAL PROPERTIES OF KNEE EXTENSOR AND PATELLAR TENDON DURING SQUATTING BY MC SENSOR METHOD
- 12:27 P0525455 Shigeharu Tanaka, Taro Imawaka, Djordjevic Srdjan, Naoya Tsunoda,
ANALYSIS OF SERRATUS ANTERIOR ON SHOULDER INSTABILITY
- Monique Oliveira Baptista Cajueiro, Paulo Carrara, Luis Mochizuki,

Session No. 6, Location: 5C407, Day: July 20

Poster presentation: Physical Activity

Chair:

- 11:15 P0601088 A FOOT AXIS FOR COP PATH OF OLDER ADULT SHORT ACCESS-RAMP WALKING STUDY
- Albert K. Chong, Mei Qichang,
- 11:18 P0602089 ANALYSIS OF GREENSIDE BUNKER SHOTS IN GOLF
- Josefa Wivou, Lanka Udawatta, Pubudu N. Pathirana,
- 11:21 P0603093 THE CENTRE OF MASS KINEMATICS FOR ELITE WOMEN JUDO ATHLETES IN SEOI-NAGE
- Takanori ISHII, Michiyoshi Ae, Sentaro Koshida, Norihisa Fujii,
- 11:24 P0604099 A PERFORMANCE-RELATED FOOT LOADING CHARACTERS WHILE PERFORMING LUNGING STEP AMONG BADMINTON PLAYERS
- Qichang Mei, Albert Chong, Yaodong Gu, Zhiyi Zheng, Justin Fernandez,
- 11:27 P0605108 RELATION OF KINEMATICS VARIACLES AND ACCURACY OF SHOOTING BY UPWARD LEAP FOR OMAN' S NATIONAL HANDBALL TEAM PLAYERS
- HASHEM KILANI, SAMEER ALSULAIMI,
- 11:30 P0606145 LOCOMOTION FUNCTION CHANGES TO THE ELDERLY AFTER ONE YEAR OF TAI CHI EXERCISE
- Shuping Li, Rongrong Yin, Li Fan, Jiang Tao,
- 11:33 P0607165 WHY OVER-ROTATION IS NOT GOOD FOR ROTATIONAL SHOT PUT?
- Tadahiko Kato, Yoshihisa Urita, Akira Maeda,
- 11:36 P0608183 ESTIMATING HYDRODYNAMIC FORCES ACTING ON THE HAND DURING SCULLING IN SYNCHRONIZED SWIMMING
- Miwako Homma, Yuma Kawai, Hideki Takagi,
- 11:39 P0609184 THE RELATIONSHIP BETWEEN THE DURATION TIME OF TURN AND THE THROWING RECORD IN THE MEN' S HAMMER THROW
- Kenichi Hirose, Keigo Ohyama Byun, Kei Maeda, Mitsugi Ogata,
- 11:42 P0610215 FEAR-INDUCED CHANGES IN BREAKFALL KINEMATICS FOR OSOTO-GARI IN NOVICE JUDOKAS
- Sentaro Koshida, Takanori Ishii, Tadimitsu Matsuda, Toshihiko Hashimoto,
- 11:45 P0611269 DIFFERENCES OF POSTURE ON PUSH-OFF PHASE BETWEEN ACTUAL SPEED SKATING AND SLIDE-BOARD TRAINING
- Dayuan Xu, Insik Shin, Jaebum Park, Siddhartha Bikram Panday, Jong Hyun Yang, Kitae Kim, Dohoon Koo, Jeongin Moon,
- 11:48 P0612272 THE INFLUENCE OF BASEBALL PITCHING ON THE HARDNESS OF THE FLEXOR PRONATOR MUSCLES
- Shintarou Kudo, Tsuyoshi Fukuda, Hisafumi Kobayashi, Hidetoshi Hayashi,
- 11:51 P0613283 RESEARCH ON THE GAIT OF HEALTHY CHILDREN FROM 2 TO 6 YEARS OLDS
- Wang Xin, Zhou Mei,
- 11:54 P0614319 THE SAGITTAL-PLANE LANDING BIOMECHANICS WITH MOVING FORWARD

- 11:57 P0615324 Marina Nara, Mayumi Kuno–Mizumura,
RELATIONSHIP BETWEEN THE SEQUENTIAL MOVEMENT, MUSCLE CO–CONTRACTION
AND KINEMATIC VARIABLES OF FLYING DISC BACKHAND THROWING
- 12:00 P0616331 Insub Jeong, Woo Seong Heo,Gizem Ozkaya,Jin Hyun Kim,Ki Kwang Lee,
CHANGE IN THE OVERARM THROWING TECHNIQUE DUE TO PRACTICE IN JAPANESE
ELEMENTARY SCHOOL GIRLS
- 12:03 P0617352 Yasuto Kobayashi, Michiyoshi Ae,Akiyo Miyazaki,Norihisa Fujii,Akira Iiboshi,Hideki Nakatani,
TEAM PULLING TECHNIQUE OF ELITE FEMALE INDOOR–TOW ATHLETES FROM A DRONE’
S POINT OF VIEW
- 12:06 P0618358 Masahiro Nakagawa, Kohtaroh Hagio, Katsue Tanaka and Hiroh Yamamoto, Masahiro Nakagawa,
Kohtaroh Hagio,Katsue Tanaka ,Hiroh Yamamoto,
THE EFFECT OF STANCE WIDTH AND ANGLE ON THE ROTATIONAL RANGE OF MOTION
OF PELVIS AND TRUNK
- 12:09 P0619359 Fukashi Shinkaiya, Keizo Yamamoto,
A BIOMECHANICAL INVESTIGATION OF EXTERNALLY MANIPULATED TOES
- 12:12 P0620366 Qichang Mei, Albert Chong,Patria Hume,Li Yang,Yaodong Gu,Justin Fernandez,
KINETIC ANALYSIS OF FINGERS DURING FASTBALL AND CURVEBALL PITCHES
- 12:15 P0621374 Shohei Shibata, Yuki Inaba,Shinsuke Yoshioka,Senshi Fukashiro,
AN EVALUATION OF PERFORMANCE OF A DOUBLE–LEG CIRCLE ON A POMMEL HORSE,
AND A DESIRABLE PERFORMANCE PROPOSAL
- 12:18 P0622407 Motoyuki Nawa, Kazuie Nishiwaki,Kyoji Yamawaki,Yosuke Ikegmi,Yoshihiko Nakamura,Akihiko
Murai,Ko Ayusawa,Taiga Yamasaki,
EFFECTS OF CONTACT SURFACE PROPERTIES ON MULTI–FINGER FORCE PRODUCTION
TASKS IN HUMANS
- 12:21 P0623414 Jiseop Lee, Jaebum Park,Jihyun Ko,Kitae Kim,Siddartha Bikram Panday,
EFFECTS OF PLYOMETRIC TRAINING ON MUSCLE FATIGUE AND MAXIMAL RATE OF
FORCE DEVELOPMENT OF LOWER–LIMB
- 12:24 P0624465 Kuo–Chuan Lin, Chi–Yao Chang,Chin–Shan Ho,Chun–Hao Chang,Ke–Chou Chen,
THE EFFECT OF COUNTER MOVEMENT JUMP PERFORMANCE IN MIDDLE–AGED ELDERLY
PRACTICING TAI–CHI EXERCISE
- 12:27 P0625484 Bo–Jen Ko, Chen–Fu Huang,Tai–Yen Hsu,Tzu–Lin Wong,Po–Chieh Chen,
EPIDEMIOLOGICAL STUDY OF SPANISH RECREATIONAL RUNNERS
- 12:30 P0626501 Javier Rueda, Archit Navandar,Carlos Garc?a,Gonzalo Torres,David Chorro,Albaladejo
R,Villanueva R,Enrique Navarro,
THREE–DIMENSIONAL MOTION ANALYSIS OF THE “TENKAN”–TECHNIQUE IN AIKIDO
Kazutoshi Kikkawa, Hidetaka Okada,Hikaru Kuratomi,

Session No. 7, Location: 5C416, Day July 22

Poster presentation: Sport Rehabilitation

Chair:

- 11:30 P0701131 RELATIONSHIPS BETWEEN TRUNK AND KNEE ACCELERATION AND THE GROUND
REACTION FORCE DURING SINGLE LIMB LANDING
Yasuharu Nagano, Shogo Sasaki,Ayako Higashihara,Hiroshi Ichikawa,
- 11:33 P0702135 A LONGITUDINAL ANALYSIS OF CENTER OF PRESSURE IN PREGNANT GAIT
THROUGHOUT PREGNANCY AND POST–PARTUM
Changfeng Li, Yaodong Gu,Li Yang,Guoqing Ruan,
- 11:36 P0703168 HIP KINEMATICS AND MUSCLE ACTIVITY DURING INSIDE SOCCER KICK IN PLAYERS WITH
A HISTORY OF GROIN PAIN
Sho Takahashi, Ryuji Kawamoto,Shunta Kato,Yasuaki Saho,Norikazu Hirose,Toru Fukubayashi,
- 11:39 P0704189 EFFECT OF ARCH SUPPORT FOOT ORTHOSIS ON LOWER EXTREMITY LOADING AND
KINEMATICS DURING THE REBOUND
Zong–Rong Chen, Yu–Jung Chen,Hui–Yun Cheng,Chen–Yi Song,Yat–Hon Chen,Hsien–Te Peng,
- 11:42 P0705249 LOWER EXTREMITY BIOMECHANICS OF AN ANKLE ‘GIVING WAY’ CASE DURING THE
DROP LANDING
Yumeng Li, Marika Walker,Jupil Ko,Julianne D. Schmidt,Cathleen N. Brown,Kathy J. Simpson,
- 11:45 P0706318 EFFECT OF THE TRUNK INCLINATION ON MECHANICAL ENERGY CHANGE DURING GAIT
IN ELDERLY ADULTS

- 11:48 P0707337 Toru Sakuma, Michiyoshi Ae, Yasuto Kobayashi,
SAGITTAL HIP ? KNEE COORDINATION DURING A 45 DEGREE CUTTING TASK
Holly Stock, Cassie Wilson, Chris McLeod, Richard van Emmerik, Ezio Preatoni,
- 11:51 P0708339 LEG DOMINANCE EFFECTS ON KNEE KINEMATICS IN UNILATERAL AND BILATERAL
SQUATS
Joseph M. Moore, Francis E. Mulloy, Christopher Bridle, David R. Mullineaux,
- 11:54 P0709349 BACKGROUND MUSCLE ACTIVITY INFLUENCES MECHANICAL RESPONSE DURING
REPEATED MAXIMUM MUSCLE CONTRACTIONS
Soma Yano, Wataru Takishita, Mao Nakamura, Kazuyuki Ogiso,
- 11:57 P0710356 CHANGES OF LUMBOPELVIC RHYTHM DURING TRUNK EXTENSION IN ADOLESCENT
SOCCER PLAYERS
Michio Tojima, Suguru Torii,
- 12:00 P0711372 LOWER EXTREMITY STIFFNESS DURING SEPAKTAKRAW SPIKE LANDINGS
Pichitpol Kerdsomnuek, Weerawat Limroongreungrat, Bavornrat Vanadurongwan,
- 12:03 P0712395 THE EFFECT OF CONCUSSION ON REACTION TIME AND DUAL TASKING ABILITY IN A
SIMULATED DRIVING ENVIRONMENT: SOME PRELIMINARY RESULTS
Dennis Dumphy, Carlos Zerpa, Thomas Hoshizaki, Bruce Weaver, Dave McKee, Michel
Be?dard, Paolo Sanzo,
- 12:06 P0713435 ACUTE EFFECTS OF MASSAGE ON PASSIVE ANKLE STIFFNESS FOLLOWING AN
EXHAUSTIVE STRETCH-SHORTEN CYCLE TASK: A PILOT STUDY
Kurt L. Mudie, Daniel Thomson, Jack Crosbie , Amitabh Gupta,
- 12:09 P0714444 A COMPARISON OF BALANCE CONTROL BETWEEN JAVELIN THROWERS AND BASEBALL
PITCHERS
Wei-Hsiu Lin, Jen-Hao Cheng, Wei-Hsi Hung, Alex J.Y. Lee,
- 12:12 P0715453 MOMENTUM-BASED DUMBBELL TRAINING CAN IMPROVE COGNITION AND PHYSICAL
FUNCTION IN OLDER ADULTS WITH MILD COGNITIVE IMPAIRMENT
Jiaojiao L?, Yu Liu,
- 12:15 P0716485 THE EFFECTS OF EXERCISE ON COGNITIVE FUNCTION, AND BALANCE IN HEALTHY
INDIVIDUALS - A PILOT STUDY
Joshua McGeown, Paolo Sanzo, Carlos Zerpa, Simon Lees, Sarah Niccoli,
- 12:18 P0717495 THE BIOMECHANICAL EFFECTS OF ANTICIPATION DURING A STOP-&-BACK RUN TASK
TO SCREEN HIGH-RISK ATHLETES FOR NON-CONTACT ACL INJURY.
Akino Aoki, Tomoyo Nishiura, Kazuyoshi Gamada,
- 12:21 P0718496 EFFECTS OF WALKING SPEED AND AGE ON THE DIRECTIONAL STRIDE REGULARITY AND
GAIT VARIABILITY IN TREADMILL WALKING
Ji-Yong Joo, Young-Kwan Kim, Hyun-goun Kim, Sang-Hyeok Jeong, Jean-Hong Jeon,
- 12:24 P0719505 EFFECTS OF PROBODY MASSAGE ON PHYSICAL CHARACTERISTICS, BODY ALIGNMENT
IN THE MIDDLE-AGED WOMEN WITH MUSCULOSKELETAL DISEASES
Nam-Young Son, Joong-Sook Lee, Jeong-Ok Yang, Bom-Jin Lee, Eui-Suk Kim, Jin-Hyung Shin,
- 12:27 P0720506 DETERMINING INITIAL KNEE JOINT LOADING DURING A SINGLE LIMB DROP LANDING:
REDUCING SOFT TISSUE ERRORS
Mark Lake, Josh Isherwood, Adam Clansay,

Session No. 8, Location: 5C213, Day: July 22

Poster presentation: Sport Equipments and Technology

Chair:

- 11:30 P0801091 EFFECTS OF DIFFERENT SOCCER STUD CONFIGURATIONS ON KNEE KINEMATICS AND
SHOE-SURFACE TRACTION OF SIDESTEP CUTTING MOVEMENT ON NATURAL GRASS
Dong Sun, Yaodong Gu, Zhiyi Zheng, Li Yang,
- 11:33 P0802096 MEASUREMENT OF STRIKING IMPACT KINETICS VIA INERTIAL MODELLING AND
ACCELEROMETRY
Seth Lenetsky, Roy J. Nates, Matt Brughelli, Arjen Schoustra,
- 11:36 P0803113 WIRELESS REAL-TIME PUNCHING FORCE MEASUREMENT AND LANDING LOCATION
CAPTURE BOXING SCORING SYSTEM
Sirichet Puntipunyanon, Tanormsak Senakham, Boonsakdi Lorpipatana,
- 11:39 P0804166 ASSESSING THE KINEMATICS OF A NOVEL COLLISION SPORT SIMULATOR
Nicholas Burger, Mike Ian Lambert, Wayne Viljoen, James Craig Brown, Clint Readhead, Sharief
Hendricks,

- 11:42 P0805176 MEASUREMENT ACCURACY OF HEAD IMPACT MONITORING SENSOR IN SPORT.
Clara Karton, R. Anna Oeur, T. Blaine Hoshizaki,
- 11:45 P0806207 TEST-RETEST RELIABILITY OF PAIRED PREFERENCE TEST FOR THE WEIGHTED SHOES
Hung-Hsun Lin, Hung-Ta Chiu,
- 11:48 P0807208 MUSCLE ACTIVITY OF LOWER EXTREMITY DURING SWING PHASE AS TREADMILL WALKING WITH WEIGHTED SHOES
Chin-Yang Liu, Hsuan-Yu Lu, Hung-Ta Chiu,
- 11:51 P0808252 THE EFFECT ON INTRALIMB COORDINATION WHILE WALKING WITH THE FUNCTIONAL KNEE BRACE
Yoonhee, Chang, ,,,
- 11:54 P0809255 IDENTIFYING GAIT ASYMMETRY USING DIGITAL SENSORS
Lee Yin-Shin, Chen Tsan-Yang, Chen Chia-Hsiang, Shiang Tzyy-Yuang,
- 11:57 P0810303 EVIDENCE OF RELIABILITY AND VALIDITY FOR THE USE OF A HELMET IMPACT DROP SYSTEM
Stephen Carlson, Dr. Carlos Zerpa, Thomas Hoshizaki, Dr. Siamak Elyasi, Glen Paterson, Dr. Eryk Przysucha,
- 12:00 P0811306 RELIABILITY OF A TESTING PROTOCOL TO EXAMINE THE EFFECT OF SPRING LOADED CANE MECHANISMS ON UPPER AND LOWER EXTREMITY GROUND REACTION FORCES, MUSCLE ACTIVITY, AND EASE OF USE DURING GAIT
Aya Mohammed, Dr. Carlos Zerpa, Dr. Paolo Sanzo, Dr. Derek Kivi,
- 12:03 P0812307 EFFECT OF ATTACHING STRING DAMPERS ON VIBRATION CHARACTERISTICS OF A TENNIS RACKET
Yu-Chieh Hsu, Kuangyou B. Cheng,
- 12:06 P0813325 EFFECTS OF THE EXTERNAL MUSCLE SYSTEM ON THE FUNCTION OF HAMSTRINGS
Lingyan Huang, Yu Liu, Weijie Fu, Shen Zhang,
- 12:09 P0814336 THE EFFECTS OF COMPRESSION GARMENTS ON SPORTS PERFORMANCE AND FATIGUE
Chin-Yi Gu, Che-Hsiu Chen, Yuan-Mei Sun, Li-I Wang,
- 12:12 P0815378 RELIABILITY AND VALIDATION OF AN INERTIAL SENSOR USED TO MEASURE ORIENTATION ANGLE
Benjamin Kane Williams, Joong Hyun Ryu, Pitre Collier Bourdon, Philip Graham-Smith, Peter J. Sinclair,
- 12:15 P0816389 DESIGN OF METADATA SCHEMA FOR COLLECTING, UTILIZING AND PRESERVING BIOMECHANICAL DATA OF WINTER SPORTS EXPERIMENT
Hye-young Kim, Yu-hyun Ra,
- 12:18 P0817415 CALIBRATION OF PRESSURE SENSORS FOR HAND GRIP MEASUREMENT
Yu-Te WANG, Jia-Hao Chang, Yo Chen, Chien-Lu Tsai,
- 12:21 P0818456 BIOMECHANICAL ANALYSIS OF MOVEMENT TRANSFORMATION BY THE KNEE SUPPORTER WEARING
Yumiko Funabashi, Norihisa Fujii,
- 12:24 P0819487 THE INFLUENCE OF SOLE LONGITUDINAL BENDING STIFFNESS ON PUSH-OFF BIOMECHANICS IN FULL EFFORT LINEAR ACCELERATION
Clarissa Menne, Gert-Peter Bruggemann, Steffen Willwacher,

Session No. 9, Location: 5C407, Day: July 22

Poster presentation: Teaching and Coaching

Chair:

- 11:30 P0901102 MUSCLE COORDINATION IN CROSS-COUNTRY SKIING
William J. Brown, Randall Jensen,
- 11:33 P0902124 KINETIC AND KINEMATIC DIFFERENCES BETWEEN FORWARD AND BACKWARD FACING DROP LANDINGS IN COLLEGIATE LEVEL GYMNASTS.
Carla McCabe, Sarah Robertson, Simon Coleman,
- 11:36 P0903128 7-WEEKS OF YOGA TRAINING AND ITS EFFECTS ON FLEXIBILITY AND RATE OF FORCE DEVELOPMENT IN OLYMPIC WEIGHTLIFTERS
Andrew T. Ernst, Randall L. Jensen,
- 11:39 P0904137 THE STUDY OF SHOULDER INTERNAL AND EXTERNAL ROTATION STRENGTH IN COLLEGE BASEBALL PLAYERS
Ying-Cheng Chen, Kung-Che Lee, Tzu-Lin Wong, Yin-Chu Tsang,
- 11:42 P0905138 RECENT COLLABORATION TRENDS IN APPLIED BIOMECHANICS

- 11:45 P0906222 Duane Knudson, 0
CHARACTERISTICS OF BODY MOTION IN A NOVICE RACE WALKER
Sayaka Sawamura, 0
- 11:48 P0907260 KINEMATIC ANALYSIS OF BASEBALL BATTING MOTION WHEN BATTING PITCHES WITH VARYING VELOCITIES
Takahito Tago, Kenichi Kaneko,Daisuke Tsuchioka,Nobuko Ishii,Tadashi Wada,
- 11:51 P0908270 VALIDATION OF A DXA-BASED METHOD FOR OBTAINING INERTIA TENSORS:
Marcel Mourao Rossi, Cyril J. Donnelly,Amar El-Sallam,James Dowling,Jeffrey Reinbolt,Jacqueline Alderson,
- 11:54 P0909274 INFLUENCE OF FATIGUE IN THE SELECTED KINEMATIC PARAMETERS OF HURDLE CLEARANCE IN 400 METRE RACE
Janusz Iskra, Krzysztof Przednowek,
- 11:57 P0910367 EXAMINATION OF A METHOD FOR DETECTION OF WALKING HEEL STRIKE AND TOE-OFF OVER A WIDE RANGE OF SPEEDS
Takuya Sugimoto, Hidetaka Okada,
- 12:00 P0911383 THE CHARACTERISTICS OF STRIDE LEG GROUND REACTION FORCE BETWEEN DIFFERENT STRIDE TYPES BASEBALL PITCHERS WHILE PITCHING
Shuwei Chen, Jungtang Kung,Tsungying Hung,Wentzu Tang,
- 12:03 P0912406 CORRELATION BETWEEN THROWING MOTION AND MAXIMUM ELBOW VARUS TORQUE IN FEMALE PROFESSIONAL BASEBALL PITCHERS
Yoshikazu Azuma, Toru Morihara,Tomoyuki Matsui,Kazuya Seo,Machiko Hiramoto,Tetsuya Miyazaki,Hiroki Takemoto,Takashi Okuno,Shigeki Miki,Saki Ashiwake,Maki Deguchi,Noriyuki Kida ,Shuhei Morifusa,
- 12:06 P0913442 THE DETERMINATION OF BREAK POINTS IN TIME SERIES DATA
Anthony Gorman, David Mullineaux,Alexander Willmott,
- 12:09 P0914443 THE EFFECTS OF VOLLEYBALL ATTACKING ON SCORE POINTS: A CASE STUDY OF 2014 TVL IN TAIWAN
Chin-Chih Chiou, Tse-Min Lin,Yi-Te Liu,Tai-Yuan Su,Jong-Chang Tsai,Chin-Lung Pi,
- 12:12 P0915454 A BIOMECHANICAL ANALYSIS OF 1-ON-1 OFFENSE'S FEINT MOTION WITH A DRIBBLE IN BASKETBALL
Jun Hashizume, Michiyoshi Ae,Takuya Otsu,
- 12:15 P0916464 EFFECT OF A DECELERATION STEPPING EXERCISE OR VERBAL COMMAND ON THE KINEMATICS OF A STOPPING ACTIVITY IN COLLEGE ATHLETES : RANDOMIZED CONTROLLED TRIAL
Tomoyo Nishiura, Akino Aoki,Kazuyoshi Gamada,
- 12:18 P0917486 INJURY RISK IN TECHNIQUE SELECTION:
Sophie Burton, Laurie Needham,Timothy Exell,Roman Farana,Gareth Irwin,
- 12:21 P0918497 COMPARISON OF STATIC BALANCE MEASURES WITH HEIGHT AND WEIGHT ADJUSTMENTS BETWEEN TAEKWONDO AND HANDBALL PLAYERS
Tai-Yuan Su, Jong-Chang Tsai,Tsung-Chin Wang,Chin-Chih Chiou,
- 12:24 P0919504 THE EFFECTS OF THE UPRIGHT BODY TYPE EXERCISE PROGRAM ON FOOT PLANTAR PRESSURE OF ARCHERS
Dong-Kuk Kim, Joong-Sook Lee,Jeong-Ok Yang,Bom-Jin Lee,Kang-Ho Bae,