

Poster Presentation 1
Saturday 12 July 2014, 13:30~14:30

12-P-1

Coaches and Scientists Synergy —Ideals in Japanese Forum for Winter Sport Science—

Kuniaki IIZUKA

Japanese Forum for Winter Sport Science, Japan

12-P-2

Coaching Management of School Sport in Japan

Seki T

Nayoro City University, Japan

12-P-3

The Origin of the Coaching Consider from a Martial Arts Book of Secrets : Focusing on “Ittosai Sensei Kenpousyo”

Kim H¹, Watanabe K¹

¹Hiroshima University Collaborative Research Center Institute for Sport and Health Science

12-P-4

Teaching Method of Karate at Physical Education in Junior High School

Yamada Y¹, Takeda T², Tanikawa M,² Sato R³, Kondo Y³

¹Graduate School of Hokusho University, Japan; ²Hokusho University, Japan; ³Graduate School of Hokkaido University, Japan

12-P-5

Effectiveness of Teaching for Beginner Children in Triathlon

Moriya N

Bunka Gakuen University, Japan

12-P-6

Teaching Program of Skiing for Elementary school

Takeda T¹, Kondo Y², Sato R,² Yamada Y,³

¹Hokusho University, Japan; ²Graduate School of Hokkaido University, Japan; ³Graduate School of Hokusho University, Japan;

12-P-7

Research on the Coaching Performance Factors of Expert Golf Coaches

Lim Hyosung, Choi Kwan-Yong

Korea National Sport University, Korea

12-P-8

Development of a Badminton Coaching Program for Schoolchild Beginners

Kishi K¹, Ushiyama Y²

¹Kyoai Gakuen University, Japan (Doctoral Program, Niigata University) ,²Niigata University, Japan

12-P-9

A Study on the Evaluation Methods of the Skill Acquisition in Artistic Gymnastics

Mariko Kanaya

University of Tsukuba, Japan

12-P-10**A Study of the Coaching Method of “Cartwheel” in Floor Exercise—Based on “Detour” of the Generative Theory of Movement—**

Shuto K

Joetsu University of Education, Japan

12-P-11**A Study of the Method of "Detour" in Coaching of the Backward Roll in Floor Exercise**Yamamoto S¹, Shuto K²¹ Takada-Minamishiro High School, Japan; ²Joetsu University of Education, Japan**12-P-12****Comparison of Difficulty Operating on Aerobic Gymnastics and Artistic Gymnastics**

Uematsu U

Nihon Sport Science University, Japan

12-P-13**Relationship of Physical Fitness Factors to Brain-Derived Neurotrophic Factor(BDNF) Among Sports Talent in Elementary School**Jae Kyung Byeon, Hyun Yong Kim, Sun Hee Park, Jae min Yoo, Jin Seon Kim, Hyun Joung Lee, Chenyanling
Chungbuk National University, Korea**12-P-14****Relationship Between Thickness of Thigh Muscles and Competition Performances in Male High School and College Weightlifters**Akihara Y¹, Oda T¹, Hisano T^{1,2}¹Hyogo University of Teacher Education, Japan; ²Osaka University of Health and Sport sciences, Japan**12-P-15****The Influence of Plyometric Weight Training on Biomechanics of Lower Extremity**

Shi FY, Liu Y, Jing LX, Fu WJ

Shanghai University of Sport,

12-P-16**The Relationship Between Center of Mass and Center of Pressure in the Limits of Stability**Toduka M¹, Ibuki A¹, Mani H¹, Hasegawa N¹, Ohashi T¹, Suwahara T¹, Takeda K¹, Itou K¹, Tsuda M¹, Zhao J¹, Asaka T²¹Graduate School of Health Sciences, ;²Faculty of Health Sciences, Hokkaido University, Japan.**12-P-17****Difference of the Relative Distances From Center of Pressure to Center of Mass Between the Young and Elderly People During One-leg Standing**Mani H¹, Hasegawa N¹, Takeda K¹, Nanbu M¹, Totsuka M¹, Tsuda A¹, Itou K¹, Oohashi T¹, Suwahara T¹, Zhao J¹, Shih-Fen H², Asaka T¹¹Hokkaido University, Japan; ²Kaohsiung Medical University, Taiwan.**12-P-18****Effect of Plantar Cutaneous Inputs on Center of Pressure During Quiet Stance in Older Adults**Wang Y^{1,2}, Watanabe K³, Wan FT²¹ Tianjin Key Lab of Exercise Physiology and Sports Medicine, China; ²Department of Health and Exercise Science, Tianjin University of Sport, China; ³Institute of Sports and Health Science, Japan**12-P-19****Development of “Step Balance Training System”: Basic Idea and Application**Kazuhiko Watanabe¹, Kazuyoshi Mizusaki², Yun Wang³¹Institute of Sport and Health Science, Janan; ²Yuge National College of Marine Technology, Japan; ³Tianjin University of Sport, China

12-P-20**Different Effects of Motor Learning Between Visual and Auditory Feedback Exercises in Dynamic Postural Balance**

Hasegawa N^{1,3}, Sakuma M¹, Mani H¹, Totsuka M¹, Tsuda A¹, Ito K¹, Ohashi T¹, Suwahara T¹, Takeda K¹, Zhao J¹, Shih-Fen H², Kasahara S¹, Asaka T¹

¹Hokkaido University, Japan; ²Kaohsiung Medical University, Taiwan; ³Sapporo Yamanoue Hospital, Japan

12-P-21**High-Speed Power Training: A Novel Approach to Resistance Training in Older Adults**

Heejae Kim¹, Donghyun Yoon², Wook Song³

¹Health and Exercise Science laboratory, Korea; ²Institute of Sports Science, Korea; ³Seoul National University, Korea

12-P-22**The Present Situation and Developing Trend of City Elder People's Physical Lifestyle in China Tianjin**

Yan H, Chen L, Ju ZK, Wang R, Wu JP

Tianjin University of Sport, China

12-P-23**Report on the Sustained Exercise Program in the Subsidized Homes for Older People in Japan**

Kozakai R¹, Niino N^{2,3}

¹Hokusho University, Japan; ²J. F. Oberlin University, Japan; ³Shisei senior service center, Japan;

12-P-24**Effects of the Physical Exercise Program on Longitudinal Changes in Physical Fitness Among the Community-Living Older People in Hokkaido**

Ueda T¹, Kozakai R¹, Honda R², Ogawa H³, Ide K¹, Oda S¹, Takeda T¹, Odajima M¹, Aiuchi T⁴

¹ School of Lifelong Sport, Hokusho University, Japan; ² Northern Regions Lifelong Sports Research Center, Hokusho University, Japan; ³ Graduate School of Lifelong Sport, Hokusho University, Japan; ⁴ Nonprofit Organization Center for Social Business Promotion, Japan

12-P-25**The Comparison of Energy Expenditure and Hindlimb Muscle Activities When Using Different Types of Footwear During Exhaustive Walking Exercise**

Wook-chul Choi, Byeong-hwan Jeon

School of Sports and Health, Kyung Sung University, Korea

12-P-26**The Kinematics of Barefoot Walking Test Before and After Wearing Unstable Function Shoes for 8-week**

Ying-Fang Liu,¹ Chi-Huang Huang²

¹Office of Physical Education, Hsin Sheng College of Medical Care and Management, ; ²Department of Athletic Training and Health, National Taiwan Sport University,

12-P-27**The Development of an In-Shoe Device for High-Heeled Shoes**

Taira R¹, Shionoya A²

¹Nagaoka University of Technology Graduate School, Japan; ²Nagaoka University of Technology, Japan

12-P-28**Are Compression Shorts Beneficial for Jump Performance During Drop Jumps?**

Lu ZQ, Fu WJ

Shanghai University of Sport, China

12-P-29**Proposal of Inexpensive and Portable Apparatus for Jumping Movement**

Yamamoto K, Matsuzawa M

Hokusho University, Japan

12-P-30

The Effect, Observing Oneself Exercise While Following an Exercise Video, Has on the Quality of Exercise Movements.

Kouchi E¹, Shionoya A²

¹Nagaoka University of Technology graduate school, Japan; ²Nagaoka University of Technology, Japan

12-P-31

Using Smartphone as Coaching Method to Promote Physical Activity Level and Exercise Participation

Kim Hak Kyun, Kim Yeon-Soo

Seoul National University, South Korea

12-P-32

Pointing Practice Enhances the Adaptation of Walking with Prism Glasses which Cause Right-left Reversal of the Visual Field

Iwatsuki H, Yurugi Y, Bunno Y, Nakamura A, Sakamoto M

Graduate School of Aomori University of Health and Welfare, Japan

12-P-33

Effect of the Rest Interval on Physiological Response During the Battling Rope Interval Exercise of Judo Players

Kubo J, Palka R

Heisei International University, Japan

12-P-34

Effects of High Intensity Interval Exercise on Visuospatial Attention – a Pilot Study

I-Fan Chen¹, Chen-Kang Chang², Huey-June Wu¹

¹Graduate Institute of Sport Coaching Science, Chinese Culture University, Taiwan; ²Sport Science Center, National Taiwan University of Physical Education and Sport, Taiwan

12-P-35

Study on Feeling of Group Effect in the High School Volleyball Player

Enokito S¹, Endo T², Kondo K¹, Ikeda S¹, Iizuka S¹

¹Daito Bunka University graduate school, Japan; ²Daito Bunka University, Japan

12-P-36

Examining Skill Correction, Focusing on Identifying the Difference Between Erroneous and Correct Movements-Old way/New way

Yoshida S¹, Minouchi Y²

¹Conditioning Lab, Japan; ²Hokusei-Gakuen University, Japan

12-P-37

A Method of Psychological Conditioning for Competition

Minouchi Y.

Hokusei-Gakuen University, Japan

12-P-38

To Investigate the Relationship Between the Mental Condition of Judoka During Preparation for a Competition and Coaches' Evaluations of Their Performance in That Competition

Hiraoka H¹, Ishii T², Fjita Y², Okada H², Masuchi K², Komata K²

¹Ryotokuji medical college, Japan; ²University of Tsukuba, Japan

12-P-39

Longitudinal Validation on Factors Affecting the Collective Efficacy Scale for Basketball

Ikeda E¹, Iwai K², Yoshida K³, Uchiyama H³

¹Graduate School of Comprehensive Human Sciences, University of Tsukuba and Center for Medical Sciences, Ibaraki Prefectural University of Health Sciences, Japan; ²Center for Humanities and Sciences, Ibaraki Prefectural University of Health Sciences, Japan; ³Institute of Health and Sport Sciences, University of Tsukuba, Japan

12-P-40

The Influence of Teammate to Motivational Climate in High School and College Baseball Team - Focusing on the Intra-Team Competition -

Hirama K¹, Sagawa M²

¹Sapporo International University(part time), Japan; ²Hokkaido University of Education Iwamizawa, Japan

12-P-41

Combination for Scoring in Lin Dan and Lee Chong Wei

Chen Zhouye

School of Physical Education and coaching, Shanghai University of Sport, China

12-P-42

A Clarification of Tactical Behavior Using Sequence Analysis in Ball Game

Ichimura S¹, Moriguchi T², Shimizu N³

¹ Tokyo University of Science, Japan; ² Kagoshima University, Japan; ³ International Budo University, Japan

12-P-43

Comparison of Trainings for Young Players in European Handball

Yamada E

University of Tsukuba, Japan

12-P-44

Development of New Support Implement and Teaching Technique in Gymnastics

Hirota S

Hokusho University, Japan

Poster Presentation 2
Sunday 13 July 2014, 12:00~13:00

13-P-1

Criteria for Defining National Olympic Success: A Delphi Study

Margaret TANG¹, Chin-Long YANG²

¹Department of Exercise and Health Promotion, Chinese Culture University, Taiwan; ²Department of physical Education, Chinese Culture University, Taiwan

13-P-2

The Beneficial Effect of Tai Chi on Muscle Strength, Range of Motion, and Depression of Rheumatoid Arthritis Patients

Ji Sun Oh, On Lee, Bong kil Song, gwi taek Park, young sin Kim, Jung ha Lee, Jae Hee Kim, Jung Jun Lim, Myoung hwee Kim, Joon Sik Kim, Yeon Soo Kim

Health and Exercise Science Laboratory, Seoul National University, Korea

13-P-3

The Study of Process to Join the Deutschland Table Tennis on Taiwanese Elite Player

Wei-Chin Huang, Han- Dau Yao ,Mei- Hua Tu

National Taiwan Sport University, Taiwan

13-P-4

A Preliminary Investigation of Current Status on Career Planning Amongst Professional Basketball Players in Taiwan

Wei WEI¹, Margaret TANG²

¹Graduate Institute of Sport Coaching Science, Chinese Culture University, Taiwan; ²Department of Exercise and Health Promotion, Chinese Culture University, Taiwan

13-P-5

Athletic Career Transition: Ex-Swimmers' Experiences of the Sports System in Taiwan

Sheng-chieh TANG¹, Margaret TANG²

¹Graduate Institute of Sport Coaching Science, Chinese Culture University, Taiwan; ² Graduate Institute of Sport Coaching Science, Chinese Culture University, Taiwan

13-P-6

Parental Support of Physical Activity and Its Effect among College Students— Examination of Physical Exercise Habit –

Konno R, Sakuraba K, Yokoyama K

Juntendo University, Japan

13-P-7

Morphological Characteristics of Lower Limb in College Track and Field Athletes

Hisano T¹, Kusumoto K², Akihara Y³, Iwasaki M¹, Edamatsu C², Ishikawa M¹, Oda T³

¹ Osaka University of Health and Sport Sciences, Japan; ² Kurashiki University of Science and The Arts, Japan; ³ Hyogo University of Teacher Education, Japan

13-P-8

The Changes in the Long Jump Takeoff as Increasing the Number of Step During the Approach Run

Kinomura Y¹, Fujibayashi N², and Zushi K³

¹Aichi Toho University, Japan; ² Ritsumeikan University, Japan; ³Tsukuba University, Japan

13-P-9

The Laterality and the changes of Lower Limb Movement in First and Latter Half of 800m Running

Ohnuma H¹, Hirano Y², Kumano A¹, Nishitani N³, Tachi M⁴

¹Graduate School, National Institute of Fitness and Sports in Kanoya, Japan; ²National Institute of Sports Science, Japan; ³Graduate School, Nara University of Education, Japan; ⁴Nara University of Education, Japan

13-P-10

The Effects of Change of Hurdle Height and Intervals on Leg Kinematics During Double-Leg Hurdle Jump

Takahashi K¹, Ogata M²

¹Niigata University of Health and Welfare, Japan; ²University of Tsukuba, Japan

13-P-11

Comparison of Approach Velocity Parameters in Long Jumpers and Triple Jumpers at Similar Performance Levels

Kumano A¹, Ohnuma H¹, Ueta Y², Hirano Y³

¹ Graduate school, National Institute of Fitness and Sports in Kanoya, Japan; ²Tokai University, Japan; ³ Japan Institute of Sports Sciences, Japan

13-P-12

Mechanical Properties of Triceps Surae Muscle-Tendon Unit in Kenyan and Japanese Distance Runners

Oda T^{1,2}, Toyoda Y¹, Hisano T^{1,3}, Akihara Y¹, Kunimasa Y³, Sano K³, Kusumoto K⁴, Nicol C⁵, Komi PV⁶, Ishikawa M³

¹Hyogo University of Teacher Education, Japan; ²RIKEN, Japan; ³Osaka University of Health and Sport Sciences, Japan; ⁴Kurashiki University of Science and the Art, Japan; ⁵Aix-Marseille Université, France; ⁶University of Jyväskylä, Finland

13-P-13

Relationship Between the 15 m Time and the Kinematic Variables of the Swimming Kick Start

Ozeki K¹, Sakurai S²

¹Osaka University Health and Sport Sciences, Japan; ²Chukyo University, Japan

13-P-14

Effect of Different Breathing Rhythm on Backstroke Swimming

Moriyama S¹, Kanazawa S¹, Yamagata K², Kitagawa Y¹, Hara H³, Shibata Y⁴

¹Japan Women's College of Physical Education, Japan; ² Master's Course in Sports Science, Japan Women's College of Physical Education, Japan; ³Kokugakuin University, Japan; ⁴Tokyo Gakugei University, Japan

13-P-15

Relationship Between Gliding and Swimming Motions During Front Crawl Swimming in Recreational Swimmers

Kanazawa S¹, Moriyama S¹, Yamagata K², Kitagawa Y¹

¹Japan Women's College of Physical Education, Japan; ²Master's Course in Sports Science, Japan Women's College of Physical Education

13-P-16

An Analysis of Arm Pulls of Butterfly Stroke

Chin-Shan Ho¹, Chun-Hao Chang¹, Ping-Kun Chiu², Kuo-Chuan Lin²

¹Graduate Institute of Sports Science, National Taiwan Sport University, Taoyuan, Taiwan; ²Graduate Institute of Athletics and Coaching Science, National Taiwan Sport University, Taoyuan, Taiwan

13-P-17

The Effects of Breathing on Center of Buoyancy and Buoyancy Torque in Junior Elite Swimmers.

Watanabe Y¹, Wakayoshi K², Nomura T³, Tachi M⁴

¹Biwako Seikei Sport College, Doctoral student of Kyoto Institute of Technology, Japan; ²Biwako Seikei Sport College, Japan; ³Kyoto Institute of Technology, Japan; ⁴Nara University of Education, Japan

13-P-18

Relationship Between Core Stability and 200 m Front Crawl Swimming Performance

Yamagata K¹, Moriyama S², Kanazawa S², Sasakura K², Kitagawa Y²

¹Master's Course in Sports Science, Japan Women's College of Physical Education, Japan; ²Japan Women's College of Physical Education, Japan

13-P-19

Comparison Study of the Underwater Butterfly Kicking Between the Monofin and the Barefoot —About Competitive Swimmers as Novice of the Monofin—

Tanigawa T¹, Kataoka H², Matsumoto T³, Kamiya M¹, Kida N¹, Nomura T¹

¹ Kyoto Institute of Technology, Japan; ²Meiji University of Integrative Medicine, Japan; ³Graduate School of Osaka Kyoiku University, Japan

13-P-20

The Kinematic Analysis of the Landing Movement of Vault

YU Jia-bin¹, HAO Wei-ya², ZHOU Xing-long³

¹Shanghai University of Sport, China; ²China Institute of Sport Science, China; ³Beijing Sport University, China

13-P-21

Characteristics of Preparatory and Main Steps During Approach Phase in Volleyball Blocking

Umezaki S¹, Kida N², Nomura T³

¹Tenri University, Graduate student of Kyoto Institute of Technology, Japan; ²Kyoto Institute of Technology, Japan;

³Kyoto Institute of Technology, Japan

13-P-22

A Study on the Total Defense in Volleyball Game ~Relationship of “Service Courses” and “Setting Distributions”~

Yoshida S¹, Sato H², Yamada T³, Watanabe K¹, Okada M¹

¹Senshu University, Japan; ²Koriyama Women’s University, Japan; ³Yamagata Johoku High School, Japan

13-P-23

A Study on Setting Technique in Volleyball—Focusing on Setter’s Movement, Coordinate with Receiver’s Movement—

Nishi H¹, Yoshida Y², Hashihara Y³

¹Doctoral Program, Hiroshima University, Japan; ²Shitennoji University, Japan; ³Hiroshima University, Japan

13-P-24

About Change of the Average Height by the Introduction of Libero-rule in Volleyball - With Junior High School, High School, and All-Japan, Representative Players in Japan as a Target -

Nagatani M¹, Yamada K², Takanashi Y³

¹Hokusho University, Japan; ²Aichi University of Education, Japan; ³Chukyo University, Japan

13-P-25

A Study of Collegiate Women Tennis Players Examines Reasons and Causes for Errors

Hirata D^{1,5}, Sato S², Murakami K³, Sato M¹, Morii D⁴, Saijo O⁴

¹Senshu University, Japan; ²Aoyama University, Japan; ³Tokyo University of Science, Japan; ⁴Nippon Sport Science University, Japan; ⁵Graduate school of Nippon Sport Science University, Japan

13-P-26

The Effects of Tennis Training on the Acquisition of Forehand Ground Strokes Ball Spin

Murakami S¹, Kitamura T², Takahashi H³, Nishizono H³, Maeda A³

¹Graduate school of Physical Education, National Institute of Fitness and Sports in Kanoya, Japan; ²Biwako Seikei Sport College, Japan; ³National Institute of Fitness and Sports in Kanoya, Japan

13-P-27

An Evaluate Tennis Player’s Offensive Ability by Offensive Phase Incidence

Kitamura T¹, Takahashi H², Murakami S³

¹Biwako seikei sport college, Japan; ²National Institute of Fitness and Sports in Kanoya, Japan; ³Graduate school of National Institute of Fitness and Sports in Kanoya, Japan

13-P-28

The Relationships Between Actual Performance and Objective Feedback with Computerized Scorebook for Tennis

Takahashi H¹, Murakami S², Kitamura T³

¹ National Institute of Fitness and Sports in Kanoya, Japan; ² Graduate school of National Institute of Fitness and Sports in Kanoya, Japan; ³ Biwako Seikei Sports College, Japan

13-P-29

Structural Relationships Between Passing and Dribbling Plays Under Various Conditions and Results of Transitions During Basketball Game

Sakuragi K¹, Aoyagi O¹, Komure I¹, Tagata S²

¹Fukuoka University Faculty of Sports and Health Science, Japan; ²General Incorporated Association Cultivative Sports Club, Pro Basketball Team TOKYO EXCELLENCE, Japan

13-P-30

Regarding the Present State of the Training System for Basketball Player in China

Huang Y¹, Kameyama I², Kuroiwa J²

¹Ryutsukeizai University Graduate School, Japan; ²Ryutsukeizai University, Japan

13-P-31

A Research of the Fast Break After Taking the Ball in the UEFA EURO 2012 - In Comparison with the Possession Play -

Tamura T¹, Horino H², Tsuchiya J²

¹Graduate school of Sport Sciences, Waseda University, Japan; ²Faculty of Sport Sciences, Waseda University, Japan

13-P-32

The Trend Analysis of Shooting in Women's National Football Tournaments JAPAN 2013

Mori M¹, Tamura T², Horino H³, Nakayama M¹, Asai T¹

¹University of Tsukuba, Japan; ²Graduate school of sport science Waseda University, Japan; ³Faculty of sport science Waseda University, Japan

13-P-33

Teaching Program of Soccer for Physical Education in Junior High School

Sato R¹, Takeda T², Kondo Y¹, Yamada Y³

¹Graduate School of Hokkaido University, Japan; ²Hokusho University, Japan; ³Graduate School of Hokusho University, Japan

13-P-34

Quantification of Dense Performance in Soccer by Using Location Information

Hayashi Y¹, Yamada H²

¹Biwako Seikei Sport College, Japan; ²Biwako Seikei Sport College, Japan

13-P-35

The Injury Prediction in High-School Baseball Players through Functional Movement Screen(FMS)

SeungSeok W, JaeHee K, YeonSoo K, TaeWon J

Seoul National University, Korea

13-P-36

The Immediate Effect of Hip-abductor Muscles Exercises on Knee Valgus Angle During Single-Legged Squatting

Nakamine Y¹, Yoshida M², Yoshida M²

¹Long-Term Care Health Facilities Gura-ne Kitanosawa, Japan; ²Department of sport education, School of lifelong sport, Hokusho University, Japan

13-P-37

Core Stability and Hip/Knee Muscles Strength for Female Athletes with Dynamic Knee Valgus

Hsiao-Yun Chang¹, Shih-Chung Cheng², Chun-Yu Yeh¹

¹Chung Shan Medical University, Taiwan; ²National Taiwan Sports University, Taiwan

13-P-38

Application of Kinesio Taping on Basketball Sport Injuries

Yang Y, Liu C, Yan R, Jiang M

MingDao University, Department of Recreation and Holistic Wellness, Taiwan

13-P-39

Effect of Ketogenic Diet on Athletic Fitness Factors and Antioxidant Status in Taekwondo Athletes

Sang Rae Kim¹, Jae Kyung Byeon¹, Hyun Seung Rhyu², Keun Su Kim³, Sun Hee Park¹

¹Chungbuk National University, Korea; ²Jungwon University, Korea; ³Air Force Academy, Korea

13-P-40

Cuscuta Chinensis Seed Extract Improves Exercise Performance and Ameliorates Muscular Injury After Exercise

Wen-Chyuan Chen¹, Wen-Ching Huang², Chi-Chang Huang², Mei-Chich Hsu³

¹ Chang Gung University of Science and Technology, Taiwan; ² National Taiwan Sport University, Taiwan; ³ Kaohsiung Medical University in Taiwan, Taiwan

13-P-41

Cytoprotective Effects of American Ginseng in a Human Submaximal Exercise-Induced Muscle Damage and Rat Ethanol Gastric Ulcer Model

Mei-Chich Hsu^{1,2}, Li-Chin Lin³

¹Department of Sports Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan; ²Graduate Institute of Sports Science, National Taiwan Sports University, Taoyuan, Taiwan; ³Taiwan Biotec Co., Ltd, Taoyuan, Taiwan

13-P-42

Comparison of Colonic Transit Time With Physical Activity Amount in Mental Illness Unit Patients

Bong Kil Song, Yeon Soo Kim, On Lee, Hyun Jin Kwon

Health and Exercise Science Laboratory, Institute of Sports Science, Seoul National University, Korea

13-P-43

The Effect of Exercise on Expression of Myokines in Colon Cancer-induced Mice

JuneHong Kim, EuHyo Cho, DongSuk Han, YoungSin Kim, HeeJae Lee, SoHyeon Jeong, ByungGul Yim, JaeHwan Kim, TaeWon Jun

Seoul National University, Korea

13-P-44

Case study of training of 2012 Paralympics swimming medalist

—Relationship between changes in performance and changes in the training program of the 2012-2013 Season—

Noguchi T¹, Suzuki J²

¹Nihon University, Japan; ²Tamagawa University, Japan

