

Session	ASSB Poster Presentation I (Room B)				
Topic	Foot and footwear biomechanics/ Gait, posture and balance				
Date	Oct 22, 2021 (Friday)				
Chair	Dr. Tai-Yen Hsu/Dr.Hung-Ta Chiu				
Paper NO.	Title	Speaker	Paper NO.	Title	Speaker
10	Relationship between impact force using in-shoe pressure sensor and perception of shoe-cushioning	Jaejin Ryue	2	The effect of multitasking and hand restriction on balance	Yu-Fan Chen
18	The Biomechanical Analysis of Interchangeable Midsole Badminton Shoes	Pei-yu Yang	22	The Effect of Lower Extremity Muscle Strength on the Plantar Pressure during Planned and Unplanned Gait Termination	Xuanzhen Cen
23	Kinematic analysis of different hardness of interchangeable midsole badminton shoes under push-off action	Xiu-Ning Yang	28	Feed-forward control in archery shooting-like task: anticipatory postural adjustment for stable shooting performance	Junkyung Song
33	Effects of a Triple Density Midsole with Lateral Windows on Lower Limb Kinematics and Kinetics of runners in Comparison to a Conventional	Wenjing Quan	45	The Relationship between Handgrip Strength and Gait Parameters in the Seniors	Yung-Jui Yeh
38	Running shoe effects on knee and ankle loading during running in Male Recreational Runner	Wenjing Quan	69	Correlations between dynamic postural stability index and impact force during single-leg lateral hop jump-landings	Zhi-jun He
107	A study on the predictability of diabetic feet in diabetic patients with pes rectus by wearing Smart Insole	muncheong choi	122	The Change of Knee Varus Angle During Barefoot and Shod Walking	Yo Chen
115	Effects of foot insoles in golfers with and without flatfoot	Chu-Ling Yen	19	The feasibility of Accelerometer to Track Breast Movement when Wearing Sports Bra	Yun-zhen Song

Session	ASSB Poster Presentation I (Room C)				
Topic	Motion analysis and athletic sports motion/ Muscle strength and conditioning, and training				
Date	Oct 22, 2021 (Friday)				
Chair	Dr. Hsien-Te Peng/ Dr. Lin Wei-Hsiu				
Paper NO.	Title	Speaker	Paper NO.	Title	Speaker
30	Comparsion of upper limb kinematics between skilled and less skilled players in 9-ball	Jing Wen Pan	4	Acute Effects of Elastic Resistance Exercise on Jumping Performance	Chin-Yi Gu
48	Comparison of Swing Acceleration Differences in Different Levels of Badminton Players Combination Ball Including Long Ball, Smash, and Cut	Lin, Yu-Hsun	37	Relationship of the lower extremity isokinetic strength and power to male adolescent sprint performance	Te-Jou Sha
49	Discuss the characteristics and differences of straight punches in boxing	Huang Yang-En	39	The Analysis of Propulsion of Supporting Foot in Elite Female Kendo Players with Different Center of Gravity Standing Method	Shuang-Chun Li
51	Effects of repetitive pitching on ground reaction force during throwing motion and countermovement jump in the teenage pitchers	Hui-Wen, Hsiao	44	Effects of 8-Week Blood Flow Restriction Training on Chest Press Strength in Healthy Adults	ZhiYan Wang
65	Investigation of Returning serve Techniques Among Elite Table Tennis Players	Zi-Jun Lin	52	Biomechanical Analysis of Push-up and Bench Dips with Different Position of Hands	Po-Sheng Chen
103	Effect of Targets on Kinetic Chain of Rear Arm Straight Punch	Chung-Yu Chen	58	Different drop heights in side-to-side asymmetry during repetitive drop jumps	Ke-Ke Zhang
			71	Effect of the ground reaction force and postural stability between bilateral in lower limbs: Asymmetric index	Ping-Sen Liu

Session	TSBS Poster Presentation I (Room D)				
Topic	教學和教練生物力學/身體活動和競技運動的生物力學				
Date	110年10月22日(禮拜五)				
Chair	蔡鏞申/莊榮仁				
Paper NO.	Title	Speaker	Paper NO.	Title	Speaker
59	臺灣民眾對於電子競技運動發展及推廣分析與建議	王崇桓	16	武術運動員支撐腳肌肉活化與踢腿速度之關係: 前導性研究	黃睿煜
108	運動彩券從業者對於電子競技運動發展及推廣分析與建議	王崇桓	31	雙側下肢能力不對稱之表現與傷害影響文獻探討	鄭力嘉
87	長期肌力訓練課程對高齡者肌肉質量與功能性表現的影響	李佳蓁	113	肌力訓練介入老年人預防跌倒影響之探討	林羿宇
20	柔道護身倒法-前迴轉倒法之生活安全應用	林右豪	129	FMS跨欄技術評估女子網球選手反手抽球擊球下肢關節之運動表現	張凱隆
77	利用落地動作錯誤評分系統去探討HUDL與KINOVEA間下肢二維關節角度測量之效度	梁詠嫻	8	雙腳肌力不對稱性對高台著地反彈跳之地面反作用力的雙側差異影響	辜瀞儀
88	拳擊選手預先計劃與反應性運動表現之量化分析	陳盈甄	9	高台著地反彈跳不同地面反作用力曲線特徵之探究	林恆立
72	新手和有經驗評估者的功能性運動檢測的評估者間信度	鄭宇劭	92	急性震動刺激對腳踏車測功儀最大輸出功率之影響	廖育如

Session	ASSB Poster Presentation I (Room B)				
Topic	Muscle strength and conditioning, and training/ Sports rehabilitation and therapy				
Date	Oct 23, 2021 (Saturday)				
Chair	Dr.Hsiao-Yun Chang/ Dr.Hsinchen Fanchiang				
Paper NO.	Title	Speaker	Paper NO.	Title	Speaker
78	Discussion The Difference of Upper Limb Muscel Activation in Female Volleyball Players at Different Serve Speed	Bing-Huang Liao	12	Comparative Efficacy of Different Post-match Recovery Strategies on Lower Extremity in Amateur Basketball Players	Yang Song
79	Electromyography Analysis of Marines' Grenade Throwing.	Yi-Fan Chen	112	The Effect of Kinesiology Taping on Walking Ability for the Post-Acute Care Stroke Patient Transits to Chronic Stage	Hsiang-Yun Chou
95	The Influence and Prevention of Sarcopenia on the Skeletal Muscular Fitness of the Elderly	Wen-Wei Lin	116	The Immediate Effects of Kinesio Tape on Upper Limb Function in Patients with Chronic Stroke	Chia-Li Shih
105	Relationships between jumping and sprinting performance in teenage sprinters: forces specific at time phase analysis	LIANG TSE CHING	121	Gender Differences in Functional Movement Scanning of Taiwan High Schools Tennis Players	Hsin Yang
123	Effect of the ground reaction force and postural stability between bilateral in lower limbs Asymmetric index	Ping-Sen Liu	17	FMS Characteristic and Compensation Trend of Taiwan Elite short Distance Athletes	Christopher Chen
54	Effects of Flywheel Resistance Eccentric Training on the Performance of Drop Jump of Female Students	Jun Wang	76	FMS Characteristic and Compensation Trend of Taiwan Elite Teenage Shooting Athletes	Wu Cheng-Hsun

Session	ASSB Poster Presentation I (Room C)				
Topic	Neuromuscular biomechanics/ Tissue biomechanics/ Sports technology				
Date	Oct 23, 2021 (Saturday)				
Chair	Dr.Heng-Ju Lee/Dr.Hsiang-Hsin Wang				
Paper NO.	Title	Speaker	Paper NO.	Title	Speaker
3	The effect of an elbow joint angle on torque and motor unit recruitment regulation relationship in human elbow flexor and extensor muscles	Jiseop Lee	1	Comparison Effects of the Different Inflation Pressure in the Lower Limbs for the Intermittent Pneumatic Compression: A lower limb mannequin as an Example	Yun-Cheng Lin
42	Comparison of Core Muscle Activation Among Ball Sports, Sprint and Squat	Jen-Hsiang Yu	55	Effects of Jilin Ginseng Root Supplementation on Lower Limb Joint Stiffness of Healthy Female College Students	Yu-Ge Li
70	The effects of gender differences on measures of asymmetry during neuromuscular control tests in elite basketball players	Wei-Ching Chang	56	The effects of Maca supplementation on drop jumps biomechanical performance related to peak ground reaction force	Rui Hu
137	The Analysis of One-to-Many Blood Vascular Geometry	Yu-Fan Chen	57	The effects of Inonotus Obliquus supplementation on drop jumps inter-joint coordination	Ke-Ke Zhang
120	Militarily Designed Backpack on Muscle Activation During Walking	Tse Fu Shao	138	Self-healing and Repair of Concrete Cracks in Swimming Pools with Bacillus Spores	Ming-Ta Chen
124	Improve Swing Performance of Beginners through Smart Golf Dynamic Analysis and Stability System	Yu-Lin Chen	139	The addition of biological bacillus into the concrete of sports venues has a fire prevention effect in the event of a fire	Ming-Ta Chen

Session	TSBS Poster Presentation I (Room D)	
Topic	運動器材與科技生物力學	
Date	110年10月23日(禮拜六)	
Chair	陳鷹成/林俊達	
Paper NO.	Title	Speaker
13	行走時使用手機傳送訊息對平衡的影響	黃承揚
140	不同握法單手交叉波浪戰繩訓練對上肢肌肉活化的影響	王棋毅
98	利用足底壓力跑步機探討不同動作型態之足弓位置變化	邱婉婷
118	震動滾筒對國術運動員下肢運動表現之影響	陳湘嶺
128	比較不同次最大強度測試對預測深蹲1RM之有效性	李芳
136	智慧高爾夫動態分析與穩定系統判斷指標分析	陳昱霖
97	以局部定位系統分析不同層級女子籃球隊對戰之移動總距離	廖偉伶
100	棒球打擊手套及拇指墊片對手部疼痛感及手腕衝擊能量之影響	曾淑靜