

亞太震波醫學高峰會議

日期： 中華民國 104 年 10 月 2 日至 4 日 (週五-週日)

地點： 高雄長庚紀念醫院 6 樓國際會議廳

詳細會議議程表

Time	Oct. 2 (Friday)
12:00-14:00	Registration
14:00-14:30	Welcome Ceremony 翁文能理事長
14:30-15:00	Center for Extracorporeal Shockwave Medicine and Tissue Engineering in Kaohsiung Chang Gung Memorial Hospital (Dr. Ching-Jen Wang, Taiwan)
Section I: Musculoskeletal disorders (I)	
Moderator: 楊俊佑院長 / 許文蔚教授	
15:00-15:40	Plenary Lecture 1 "Biological and Mechanical Interaction in Healing of an Injured ACL" Keynote speaker: Prof. Savio Woo (Pittsburgh, USA)
15:40-16:00	1. Extracorporeal Shockwave Therapy in Anterior Cruciate Ligament Reconstruction (Dr. Ching-Jen Wang, Taiwan)
16:00-17:00	Visiting Center for Shockwave Medicine and Tissue Engineering (CSMTE)
18:00-20:00	CSMTE faculty dinner
Oct. 3 (Saturday)	
08:00-17:00	Registration
Section II: Musculoskeletal disorders (II)	
Moderator: 劉華昌教授 / 李炫昇教授	
08:30-09:10	Plenary Lecture 2 "Extracorporeal Shockwave Therapy (ESWT) for Bone Indication"

	Keynote speaker: Prof. Wolfgang Schaden (Vienna, Austria)
09:10-09:30	2. ESWT for Early Avascular Necrosis of Hip (Dr. Ching-Jen Wang, Taiwan)
09:30-09:50	3. Pathomechanical Basis for Concomitant Treatment of Rotator Cuff Lesions with Shoulder Stiffness (Dr. Jih-Yang Ko, Taiwan)
09:50-10:10	Coffee Break Visiting Exhibitions
Section III: Musculoskeletal disorders (III)	
Moderator: Prof. Wolfgang Schaden / 古鳴洲教授	
	Plenary Lecture 3
10:10-10:50	Keynote speaker: Prof. Kandiah Raveendran (Ipoh, Malaysia) “ESWT as the Treatment of Choice for Plantar Fasciitis-14 Year’s Experience”
10:50-11:10	4. Shockwave with/without Custom-made Shoe Modification for Plantar Fasciitis (Dr. Chih-Hao Chang, Taiwan)
11:10-11:30	5. Relationship of Calcification Size Change and Clinical Outcome of ESWT for Chronic Calcified Tendinitis (Dr. Chiang-Sang Chen, Taiwan)
11:30-11:50	6. Shockwave Promotes Healing of Collagenase-induced Achilles Tendinitis and Attenuated Cyclooxygenase-2 (COX-2) Expression (Dr. Yeong-Ren Chen, Taiwan)
11:50-13:30	Lunch Visiting Exhibitions
Section IV: Mesenchymal Stem Cells	
Moderator: 楊崑德教授 / 葉漢根教授	
13:30-13:50	7. Extracorporeal Shockwave Therapy for Patients with Diffuse Coronary Artery Disease non Candidate for Coronary Intervention (Dr. Morgan Fu, Taiwan)
13:50-14:10	8. Combined Therapy with Shockwave and Autologous Bone Marrow-Derived Mesenchymal Stem Cells Alleviates Left Ventricular Dysfunction and Remodeling through Inhibiting

	Inflammatory Stimuli, Oxidative Stress & Enhancing Angiogenesis in a Swine Myocardial Infarction Model (Dr. Han-Kan Yip, Taiwan)
14:10-14:30	9. Umbilical cord mesenchymal stem cell therapy enhanced pancreatic β cells repair of type I diabetic mice (Dr. Chang-Chun Hsia, Taiwan)
14:30-14:50	10. MGC93704 Involves in Extracorporeal Shockwave Combined Umbilical Cord Mesenchymal Stem Cell Therapy on Different Ages of Skeletal Muscle Injury (Dr. Pei-Chin Chuang, Taiwan)
14:50-15:10	11. Shockwave-based Mechanotransduction Induces Mesenchymal Stem Cell Differentiation into an Endothelial Linage via Wnt Signaling (Dr. Fan-Yen Lee, Taiwan)
15:10-15:30	Coffee Break Visiting Exhibitions
Section V: Basic Research and Innovation	
Moderator: 張瑞根教授 / 林瀛洲教授	
15:30-15:50	13. Current and Future Indications for The Use of Extracorporeal Shockwave Therapy (Prof. Kandiah Raveendran, Malaysia)
15:50-16:10	14. Urodynamic and Immunohistochemical Evaluation of Intravesical Botulinum Toxin A Delivery Using Low Energy Shockwave (Dr. Yao-Chi Chuang, Taiwan)
16:10-16:30	15. Elastic Wave Is Part of Radial Shockwave (Dr. Pavel Novak, Switzerland)
16:30-16:50	16. Extracorporeal Shockwave Effectively Attenuates Brain Infarct Volume and Improves Neurological Function in Rat after Acute Ischemic Stroke (Dr. Chun-Man Yuen, Taiwan)
18:00-21:00	Banquet
Oct. 4 (Sunday)	
Section VI: Diabetic disease	
Moderator: 劉瑞川副教授 / 郭耀仁教授	
09:00-09:20	17. Proteome Analysis the Differences of The Mesenchymal Stem Cells and Extracorporeal

	Shockwave Therapy Enhancing Diabetic Wound Healing (Dr. Yur-Ren Kuo, Taiwan)
09:20-09:40	18. Extracorporeal Shockwave Therapy Enhanced Pancreatic β Cells Repair of Type 1 Diabetic Rat (Dr. Chang-Chun Hsiao, Taiwan)
09:40-10:00	19. Benefit of Extracorporeal Shockwave Treatment in Ameliorating Diabetic Neuropathy (Dr. Chun-Man Yuen, Taiwan)
10:00-10:20	Coffee Break
Section VII: Innovation	
Moderator: 郭繼陽教授 李芳豔教授	
10:20-10:40	20. Predictive Factor of Effectiveness of Extracorporeal Shockwave Therapy in Calcifying Tendinitis of the Shoulder (Dr. Wen-Yi Chou, Taiwan)
10:40-11:00	21. Extracorporeal Shockwave Therapy in Osteoporotic Osteoarthritis of The Knee in Rats (Dr. Dr. Jai-Hong Cheng, Taiwan)
11:00-11:20	22. Extracorporeal Shockwave Combined Umbilical Cord Mesenchymal Stem Cell Therapy Attenuated Skeletal Muscle Injury via MicroRNA-29a (Dr. Pei-Chin Chuang, Taiwan)
11:20-11:40	23. Mechanotransduction of Shockwave Modulates LMO7 Transcriptional Activity in Mesenchymal Stem Cells (Dr. Yen-Yi Zhen, Taiwan)
11:40-12:00	Closing Ceremony

**各專科積分申請中：骨科醫學會積分 3 分、外科醫學會積分 分、胸腔及血管外科醫學會 分、泌尿科醫學會 分、整形外科醫學會 分、心臟學會 分、神經外科醫學會 分

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