



The Hong Kong College of Orthopaedic Surgeons  
**11<sup>th</sup> Rehabilitation Symposium cum**  
**4<sup>th</sup> Sir Harry Fang Oration**

**Clinical Application of Rehabilitation Technology**

**Programme**

**10 October 2015 (Saturday)**

Time	Topics	Speakers
<b>9:00 am – 10:40 am</b>	<b>Session 1 - Amputee Rehabilitation</b>	
9:00 am – 9:15 am	Amputation Surgery – Anticipate the Need of Fitting Prosthesis	Dr. Lung-fung TSE
9:15 am – 9:30 am	Amputee Rehabilitation and Pre-prosthetic Care	Dr. Chor-yin LAM
9:30 am – 9:45 am	Functional Restoration for Young Amputee – From Walking to Running	Mr. Yuk-wing DU
9:45 am – 10:00 am	Rehabilitation of Old Amputee – an Orthopaedic-Geriatric Approach	Dr. Sheung-wai LAW
10:00 am – 10:15 am	Rehabilitation of Geriatric Amputee – What's New in Technology in Helping Elderly Amputee Regain Mobility	Mr. Jan KRISTENSEN
10:15 am – 10:30 am	Matching Patients' Need to Prostheses – Advanced Technology in Evaluation and Components	Mr. Kenneth WONG
10:30 am – 10:40 am	Q & A	
10:40 am – 11:05 am	Tea Break	
<b>11:05 am – 12:15 pm</b>	<b>Session 2 - Opening Ceremony and 4<sup>th</sup> Sir Harry Fang Oration</b>	
11:05 am – 11:10 am	Opening Speech	Prof. Peter Kwong-yuen CHIU
11:10 am – 11:55 am	Sir Harry Fang Oration – Orthopaedic Rehabilitation Technology: Helping Individuals Continue to Live Independently in the Community	Prof. Geoff R. FERNIE
11:55 am – 12:05 pm	Translational Research – Local Experience	Prof. Raymond Kai-yu TONG
12:05 pm – 12:15 pm	From Research to Clinical Application – From Bench to Market	Prof. Arthur Fuk-tat MAK



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<b>12:15 pm – 2:00 pm</b>	<b>Lunch Symposium (Sponsored by Össur)</b> Advance in Lower Limb Prosthetic Technology – Socket and Microprocessor Knee	Mr. Jan KRISTENSEN
<b>2:00 pm – 3:10 pm</b>	<b>Session 3 - Orthosis in Orthopaedic Rehabilitation</b>	
2:00 pm – 2:15 pm	CAD/CAM Technology in Orthotics – Present and Future	Mr. David CHUNG
2:15 pm – 2:30 pm	3D Printing in Orthopaedic Rehabilitation – Demand and Limitation	Mr. Ajax Hong-yin LAU
2:30 pm – 2:45 pm	Robotic Assisted Orthosis / Exoskeleton	Prof. Raymond Kai-yu TONG
2:45 pm – 3:00 pm	C – Brace – a Power Orthosis in Rehabilitation	Mr. Peter S. GOLDBERG
3:00 pm – 3:10 pm	Q&A	
3:10 pm – 3:30 pm	Tea Break	
<b>3:30 pm – 5:00 pm</b>	<b>Session 4 - New Dimension in Rehabilitation: Computer Assisted Rehabilitation / Environment Simulation Rehabilitation</b>	
3:30 pm – 3:50 pm	The Use of Simulation in Rehabilitation Research	Prof. Geoff R. FERNIE
3:50 pm – 4:10 pm	Balance Training and Reduction of Falls Through the Development of Innovative Products and Research	Prof. Geoff R. FERNIE
4:10 pm – 4:25 pm	Simulated Driving in the Rehabilitation of Occupational Drivers	Dr. Andy S.K. CHENG
4:25 – 4:40 pm	A Robotic Rehabilitation Arm Driven by Brain-computer Interface	Dr. Yong HU
4:40 pm – 5:00 pm	Q & A	



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**11 October 2015 (Sunday)**

Time	Topics	Speakers
<b>9:00 am – 10:25 am</b>	<b>Session 5 - Spinal Cord Injury Rehabilitation Revised - High Cervical Spine Injury What's Rehabilitation Technology Can Help?</b>	
9:00 am – 9:30 am	Technology Option for High Cervical Spine Injury	Ms. Hui-yong ANG Dr. Brian Kai-ming AU Mr. Kwok-keung CHAN Mr. Thomas Ka-wai NG Mr. Fong-yee WONG
9:30 am – 10:00 am	Robotics: FES Research and Clinical Practice	Prof. Geoff R. FERNIE
10:00 am – 10:15 am	Wheel Chair Design and Seating Technology	Prof. Eric TAM
10:15 am -10:25 am	Q&A	
10:25 am – 10:45 am	Tea Break	
<b>10:45 am – 12:00 pm</b>	<b>Session 6 - Innovation in Pain Rehabilitation</b>	
10:45 am – 11:00 am	Review on Innovative Treatment for Entrapment Neuropathy	Dr. Chi-hung YEN
11:00 am – 11:15 am	Surface EMG Application for Back Pain Rehabilitation	Dr. Yong HU
11:15 am – 11:35 am	Spinal Cord Stimulator – Application and Limitation	Prof. Chi-wai CHEUNG
11:35 am – 11:50 am	Regeneration Injection for Chronic Pain	Dr. Hon-bong LEUNG
11:50 am – 12:00 pm	Q&A	