



The Hong Kong College of Orthopaedic Surgeons  
**18<sup>th</sup> Rehabilitation Symposium**

**Application of Advanced Technology in Orthopaedic Rehabilitation**

**Day 1, 21 September 2024, Saturday**

Time	Topics	Moderators/Speakers
09:00 – 10:30	<b>Session 1 – Free Paper Session</b>	
10:30 – 11:00	Tea Break	
11:00 – 11:15	<b>Session 2 – Opening Ceremony</b>	
11:00 – 11:15	2.1 Opening Speech, President of HKCOS	Dr. LAW Sheung Wai
11:15 – 13:45	<b>Session 3 – Data Science in Musculoskeletal Care</b>	
11:15 – 11:45	3.1 Intelligent Walking Device and Big Data System for Precise Lower Limb Weight-Bearing Rehabilitation	Dr. ZHU Zhenzhong 朱振中醫生
11:45 – 12:05	3.2 e-Platform for Fragility Hip Fracture – The First Step of Big Data	Dr. LEE Kin Bong
12:05 – 12:15	3.3 Application of Machine Learning Models on Predicting the Length of Hospital Stay in Fragility Fracture Patients	Mr. LAI Chun Hei Mr. MOK Kwan Lam Prudence
12:15 – 12:25	3.4 Q&A	
12:25 – 13:45	Lunch Break	
13:45 – 14:45	<b>Session 4 – Enabling Technology in Neuro Rehabilitation</b>	
13:45 – 14:15	4.1 Advance in Spinal Cord Injury Rehabilitation	Prof. TSAI Sheng Tzung
14:15 – 14:35	4.2 Applications of Exoskeleton and Experience Sharing	Mr. LAU Ka Ki Benjamin
14:35 – 14:45	4.3 Q&A	



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**Day 2, 22 September 2024, Sunday**

Time	Topics	Moderators/Speakers
<b>09:00 – 10:10</b>	<b>Session 5 – Emergence of Virtual Reality / Augmented Reality in Enhancing Orthopaedic Rehabilitation</b>	
09:00 – 09:20	5.1 Application of Virtual Reality - An OT approach in Orthopaedic Rehabilitation from In-patient to Community	Mr. Chester YIP
09:20 – 09:40	5.2 Virtual Reality Application in Work Rehabilitation	Mr. WONG Hei Yi
09:40 – 10:00	5.3 Development of Virtual Reality in Rehabilitation	Miss Olive WONG
10:00 – 10:10	Q&A	
<b>10:10 – 11:00</b>	<b>Session 6 – Future and Way Forward</b>	
10:10 – 10:30	6.1 Telehealth for Rehabilitation – A New Challenge	Ms. Priscilla POON
10:30 – 10:50	6.2 3D Printing in Rehabilitation	Ir. Gabriel CHU
10:50 – 11:00	Q&A	
<b>11:00 – 11:10</b>	<b>Announcement and Wrap-up</b>	