



The Hong Kong College of Orthopaedic Surgeons
18th Rehabilitation Symposium

Application of Advanced Technology in Orthopaedic Rehabilitation

Day 1, 21 September 2024, Saturday

Time	Topics	Moderators/Speakers
09:00 – 10:15	Session 1 – Free Paper Session	Dr. NG Ka Ho Dr. WONG Nang Man Raymond
10:15 – 10:50	Tea Break	
10:50 – 11:15	Session 2 – Opening Ceremony	
10:50 – 11:00	2.1 Welcome Message, Chairman of Orthopaedic Rehabilitation Subspecialty Board	Dr. NG Ka Ho
11:00 – 11:15	2.2 Opening Speech, President of HKCOS	Dr. LAW Sheung Wai
11:15 – 12:25	Session 3 – Data Science in Musculoskeletal Care	Dr. NG Ka Ho
11:15 – 11:45	3.1 Intelligent Walking Device and Big Data System for Precise Lower Limb Weight-Bearing Rehabilitation	Dr. ZHU Zhen-Zhong
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	Q&A	
12:25 – 13:45	Lunch Break	
13:45 – 15:05	Session 4 – Enabling Technology in Neuro Rehabilitation	Dr. WONG Nang Man Raymond
13:45 – 14:15	4.1 Spinal Cord Neuromodulation: from Symptomatic Improvement to Functional Restoration	Prof. TSAI Sheng-Tzung
14:15 – 14:35	4.2 Applications of Exoskeleton and Experience Sharing	Mr. LAU Ka Ki Benjamin
14:35 – 14:55	4.3 Using Technology to Optimize Community Independence Outcomes in Neuro-rehabilitation	Ms. NG Yan Lai Terri
14:55 – 15:05	Q&A	



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Day 2, 22 September 2024, Sunday

Time	Topics	Moderators/Speakers
09:00 – 10:10	Session 5 – Emergence of Virtual Reality / Augmented Reality in Enhancing Orthopaedic Rehabilitation	Dr. LAM Kwok Hang Edwin
09:00 – 09:20	5.1 Application of Virtual Reality - An OT approach in Orthopaedic Rehabilitation from In-patient to Community	Mr. YIP Ka Hung Chester
09:20 – 09:40	5.2 Virtual Reality Application in Work Rehabilitation	Mr. WONG Hei Yi
09:40 – 10:00	5.3 The Development of Virtual Reality in Rehabilitation	Ms. Olive WONG
10:00 – 10:10	Q&A	
10:10 – 11:20	Session 6 – Future and Way Forward	Dr. CHEN Erh Heng Enoch
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 – 11:10	6.3 Exoskeleton Technologies for Work Injury Prevention in Healthcare Sector	Dr. Billy SO
11:10 – 11:20	Q&A	
11:20 – 11:30	Announcement of Best Paper Award and Closing Remark	Dr. NG Ka Ho