

Module Head: Dr. Ronald Wong

Last update: 21/1/25

Session	1	2	3	4	5	6	7	8	9	10	11	12	Exam
Date	21/2(F)	28/2(F)	7/3(F)	14/3(F)	21/3(F)	28/3(F)	11/4(F)	12/4(S)	15/4(Tue)	24/4(Thu)	26/4(Sat)		24/5 (S)
Time	1830-2130	1830-2130	1830-2130	1830-2130	1830-2130	1830-2130	1830-2130	1400-1700	1830-2130	1830-2130	1000-1300	1400-1700	pm
Venue	OLC	OLC	OLC	OLC	9/F SR	OLC	Gait Lab / OLC	9/F SR	OLC	OLC	OACC PWH	P&O PWH	TBC

Content	Speakers	Session	note
Introduction of Orthopaedic Principles of Limb Amputation, including Re-amputation, Phantom Limb and the Management of Phantom Pain and Sensation	Dr. SM LEUNG (O&T, TPH)	1	21/2/2025 (F) OLC
1. Spinal Cord Injury and Associated Medical Problems	Dr. John WONG (O&T, PWH)	2	28/2/2025 (F) OLC
2. Seating and Pressure Management Skills (including Wheelchair transfer skills)	Dr. Brian AU (OT, TPH)		
Psychosocial Problems of Amputees & SCI, and their Management	Dr. Jeffery LIU (Senior Clin. Psychologist, TPH)	3	7/3/2025 (F) OLC
Application of Posture Monitoring Systems and CAD/CAM Systems in Orthopaedics Rehabilitation	Prof. MS WONG (P&O, Poly U)	4	14/3/2025 (F) OLC
1. Deep Tissue Injury and Clinical Management	Dr. Samson LIU (O&T, PWH)	5	21/3/2025 (F) 9/F SR
2. Stages of Rehabilitation and SCI Rehabilitation Programme in Kowloon Rehabilitation Centre	Mr. Eddy CHEUNG (PT, KH)		
SCI Orthoses and Robotic Exoskeleton Orthoses	Mr. KW CHEN (P&O, QMH)	6	28/3/2025 (F) OLC
Gait Laboratory Demonstration at PWH (1 hour) (Gait Lab, Rm 124007, 10/F, LCWCSB, PWH)	Dr. Joe LIANG (O&T, CUHK)	7	11/4/2025 (F) Gait Lab / OLC
Biomechanics of Ambulation & Gait Analysis (2 hours)	Prof. Kevin KWONG (PT, HKMU)		
1. Transferring, Turning, Skin, Bowel and Bladder Care for Spinal Cord Injury Patients	Ms. Annie HAU (APN, TPHDOR)	8	12/4/2025 (S) 9/F SR
2. Overview of a Spinal Centre			
Principle of Care of the Amputation Stump and Wound Management	Ms. WY KWOK (APN, PWH)	9	15/4/2025 (Tue) OLC
Rehabilitation for the Amputees: From the Basic to Advanced Technology	Prof. SW LAW (O&T, CUHK)	10	24/4/2025 (Thu) OLC
1. Specialized Seating and Advanced Wheelchair Technology	Mr. Ajax LAU (P&O, PWH)	11	26/4/2025 (S) OACC PWH
2. Wheelchair Practicum and Prescription			
1. Prosthetics applications and Myoelectric Prosthesis (UL, LL and Hands)	Mr. Giant TSE (P&O, AHNH)	12	P&O PWH
2. Assessment and Management of Amputation Stump (including stump caring for Prosthetic fitting)			
Written Examination		----	25/5/24 (S)

**Venue:**

OLC: Orthopaedic Learning Center, 1/F, Li Ka Shing Specialist Clinic (North Wing), Prince of Wales Hospital, Shatin

9/F SR Seminar Room, 9/F, Main Block and Trauma Center, Prince of Wales Hospital

Gait lab: Gait Lab, Room 124007, 10/F, Lui Che Woo Clinical Sciences Building, Prince of Wales Hospital, Shatin

OACC PWH: (Wheelchair bank) Orthopaedic Ambulatory Care Center (Ward 5K), Day Treatment Block and Children Wards, Prince of Wales Hospital, Shatin

P&amp;O PWH: P&amp;O Department, G/F, Day Treatment Block and Children Ward, Prince of Wales Hospital, Shatin

**Brief Description:**

The applications of rehabilitation technology in spinal cord injury and amputation for musculoskeletal disorders.  
康復技術在脊髓損傷、肌肉骨骼疾病和截肢中的應用。

**Learning Outcome:**

Students should be able to understand and apply:

1. Advances and developments of assistive devices for ambulation and daily activities;
2. Environmental design and modifications;
3. Causes and management of Spinal Cord Injury;
4. Causes of amputation and prosthetic needs.

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With each assignment, students will be required to submit a signed [declaration](#) that they are aware of these policies, regulations, guidelines and procedures.

- In the case of group projects, all members of the group should be asked to sign the declaration, each of whom is responsible and liable to disciplinary actions, irrespective of whether he/she has signed the declaration and whether he/she has contributed, directly or indirectly, to the problematic contents.
- For assignments in the form of a computer-generated document that is principally text-based and submitted via VeriGuide, the statement, in the form of a receipt, will be issued by the system upon students' uploading of the soft copy of the assignment.

Assignments without the properly signed declaration will not be graded by teachers.

Only the final version of the assignment should be submitted via VeriGuide.

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**Assessment:****1. Written Examination (100%)**

The written Examination is to prepare students for qualifying for Basic Concepts of Spinal Cord Injury and Amputation. A good attendance is prerequisite.

Date of Assessment: 24/5/2025 (Sat)

Format: Face-to-Face Examination

Time: to be confirmed

**Speakers:**

Name	Affiliation
Prof. Ronald Wong (Module Director)	MB ChB (CUHK), MRCSEd, PhD (CUHK), FHKCOS, FHKAM (Orthopaedic Surgery), FRCSEd (Orth) Clinical Associate Professor, Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong
Dr. Simon Leung	MB.ChB(CUHK), MMed(Pain Mgt)(Syd), MRCSEd, FRCSEd (Orth), FHKCOS, FHKCOS(Rehab), FHKAM (Ortho Surg) Consultant, Dept. of Orthopaedic Rehabilitation, Tai Po Hospital
Dr. John Wong	MBChB(CUHK), FRCS(Edin), FRCS Ed (Orth), FHKCOS, FHKAM (Ortho Surg) Associate Consultant, Department of Orthopaedics and Traumatology, Prince of Wales Hospital
Dr. Brian Au	PhD (Rehab Sciences), MSc (Health Care), PDOT, HKCHSE Fellow Cluster Coordinator (Occupational Therapy), New Territories East Cluster / Department Manager (Occupational Therapy), Tai Po Hospital
Dr. Jeffery Liu	D.Psy.(Clin.Psy), HKU; M.Soc.Sc. (Clin.Psy), HKU; B.Soc.Sc. (Psychology), HKU Senior Clinical Psychologist, Tai Po Hospital
Prof. MS Wong	PhD, CPO(HK), FHKSCPO, FISPO Professor (Specialist in Prosthetics and Orthotics), Department of Biomedical Engineering, The Hong Kong Polytechnic University
Dr. Samson Liu	MBBS (HKU), FHKAM (Orthopaedic Surgery), FHKCOS, MRCSEd, FRCSEd (Orth) Associate Consultant, Department of Orthopaedics and Traumatology, Prince of Wales Hospital
Mr. Eddy Cheung	MPhil., The Hong Kong Polytechnic University; BSc (Hons) in Physiotherapy, The Hong Kong Polytechnic University Physiotherapist I, Physiotherapy Department, Kowloon Hospital
Mr. KW Chen	MSc MMR (CUHK), P&O, CPO P&O, QMH
Dr. Joe LIANG	PhD Postdoctoral Fellow / PIC Gait Lab, Department of Orthopaedics and Traumatology, the Chinese University of Hong Kong
Professor Kelvin Kwong	PhD (Bioengineering), MSc (Bioengineering), Prof Dip Physio Honorary Professor, Hong Kong Metropolitan University
Ms. Annie Hau	Advanced Practicing Nurse, Department of Orthopaedic Rehabilitation, Tai Po Hospital
Ms. WY Kwok	APN, Prince of Wales Hospital
Professor SW Law	MBChB, FRCSEd, FHKCOS, FCSHK, FRCSEd(Orth.), FHKAM (Orthopaedic Surgery) Professor of Practice/ Clinical Professional Consultant, Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong
Mr. Ajax Lau	BSc, Mphil (HKPU) Prosthetic & Orthotic Department, Prince of Wales Hospital
Mr. Giant Tse	MSc SMHS, BSc (Hon) BME, CPO (HK) Prosthetist & Orthotist I, Alice Ho Miu Ling Nethersole Hospital & Tai Po Hospital