

Module Head: Dr. Ronald Wong**Brief Description:**

This is an introduction to the spectrum of musculoskeletal disorders and Rehabilitation issues related to principle of management and community rehabilitation to the physical disability; the psychosocial well-being of care providers; Impairment, disability and social standing: assessment and function; Management of specific medical and musculoskeletal problems such as chronic medical condition, musculoskeletal and cognitive impairment; Occupation assessment and the work environment; Assessment of work capacity and impairment; Medico-legal issues of Work Injuries, Return to work programmes and barriers.

介紹一系列的骨關節疾病和康復問題，包括管理原則和社區康復對身體機能障礙的影響；護理者的社會心理問題；缺損、殘疾和社會地位：機能障礙的評估及處理；管理特定的骨關節疾病問題，如慢性病，肌肉骨骼和認知障礙；職業評估和工作環境；工作能力和損害評估；有關工傷的醫療法律問題，返回工作計劃和障礙。

Micro-Module	Content
Musculoskeletal Rehabilitation: Disability Management in impairment, disability and social standing: assessment and function.	<ol style="list-style-type: none"> 1. Community rehabilitation service in Hong Kong 2. Environmental Modifications and Control for the Disabled 3. Orthotics and prosthetics, and supportive devices 4. 3D printing for Rehabilitation 5. Sensor and Control, Robotics for Rehabilitation, including the exoskeleton and prosthetic arm 6. Psychosocial issues: Care Providers, Geriatric patients and people with Work Injury
Occupational orthopaedics; Ergonomic & Work capacity assessment; Work Fitness & exercises; RTW & its barriers.	<ol style="list-style-type: none"> 1. Work Disability 2. Workstation ergonomic analysis, Work Fitness & Exercises 3. Functional Capacity Evaluation, Job tasks analysis, Return to Work (RTW) programme and barriers 4. Medico-legal Issues of Work Injury in Hong Kong including compensation
Management of specific medical and musculoskeletal problems	<ol style="list-style-type: none"> 1. Metabolism-induced orthopaedic conditions 2. Trauma induced disability and management 3. Paediatric MSK issues: <ol style="list-style-type: none"> a. Lower Limb problems and Gait Disorders b. Spinal problems c. Congenital Upper Limb Anomaly (CULA) 4. Geriatric MSK issues: <ol style="list-style-type: none"> a. Aging on the musculoskeletal system affecting balance, co-ordination and motor performance b. Second fracture c. Medical problems with aging – Heart and Lung diseases, Nutrition d. Hemiplegia

Learning Outcome:

Students should be able to understand and apply:

1. Principle of management and community rehabilitation to the physical disability
2. Impairment, disability and social standing: assessment and function
3. Management of specific medical and musculoskeletal problems
4. Managing the Psychosocial Well Being of Care providers
5. Application of ergonomics: occupation assessment and work environment
6. Assessment of work capacity and impairment, and the Medico-legal issues of Work Injuries
7. Return to work programmes and barriers

Teaching timetable:

Session	1	2	3	4	5	6	7	8	9	10	11	12	Exam
Date	7/12/22(W)	14/12/22(W)	4/1/23(W)	11/1/23(W)	18/1/23(W)	1/2/23(W)	8/2/23(W)	15/2/23(W)	22/2/23(W)	1/3/23(W)	8/3/23(W)	15/3/23(W)	15/4 (Sat)
Time	1830-2130	1830-2130	1830-2130	1830-2130	1830-2130	1830-2130	1830-2130	1830-2130	1830-2130	1830-2130	1830-2130	1830-2130	PM
Venue	OLC	OLC	OLC	OLC	OLC	OLC	OLC	OLC	OLC	OLC	OLC	OLC	tbc

Contents	Speakers	Session	Date
Trauma induced disability and management Disabled Sports	Dr. Simon LEUNG (O&T, TPH) Dr. Chad CHAN (PT, MUHK)	1	7/12/22
Causes, treatment and rehabilitation of second fracture Metabolism-induced orthopaedic conditions	Dr. Raymond Ng (O&T, AHNH) Dr. B SHENG (M&T, PMH)	2	14/12/22
Orthotics and prosthetics, and supportive devices To reach the unreachable and to fill the service gap: another type of community rehabilitation service in Hong Kong	Mr. Ajax LAU (P&O, PWH) Mr. David LAU (OT)	3	4/1/23
Environmental Modifications and Control for the Disabled. A barrier-free environment that are user-friendly	Ir. Dr. Eric TAM (P&O, PolyU) Dr. Stephen KONG (Civil Engineer)	4	11/1/23
Sensor and Control, Robotics for Rehabilitation, including the exoskeleton and prosthetic arm 3D printing for Rehabilitation	Prof. Raymond TONG (BME, CUHK) Dr. Elvis Chun Sing CHUI (ORT)	5	18/1/23
Workstation ergonomic analysis, Work Fitness & Exercises Functional Capacity Evaluation, Job tasks analysis, Return to Work (RTW) programme and barriers	Prof. Grace SZETO (PT, TWC) Prof. Andy CHENG (OT, PolyU)	6	1/2/23
Managing the Psychosocial Well Being of Care Providers Handling psychological problems in Geriatric patients and Work Injury	Dr. Paul CHAN (A&E) Prof. Linda LAM (Psychiatry, CUHK)	7	8/2/23
Medico-legal Issues of Work Injury in Hong Kong including compensation Work Disability	Prof. Joan FOK (OMCS, NTEC) Prof. SW LAW (O&T, CUHK)	8	15/2/23
Aging on the musculoskeletal system affecting balance, co-ordination and motor performance Medical problems with aging – Heart and Lung diseases, Nutrition	Dr. Bosco MA (M&T. PWH)	9	22/2/23
Is my child limping? – gait disorders and gait analysis in childhood Foot disorders in children	Dr. Alex CHOI (O&T, TMH)	10	1/3/23
Congenital Upper Limb Anomaly (CULA): Occurrence and Orthopaedics Management in Hong Kong. How to support the patients to go back to school or work? Hemiplegia	Dr. PC HO (O&T, PWH) Dr. TK KONG (M&T, PWH)	11	8/3/23
Spinal problems in children and their rehabilitation	Prof. Jack CHENG (O&T, Emeritus Professor)	12	15/3/23
EOM Exam		----	TBC

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

Assessment:

1. Written Assessment (100%)

Date: 15/4/2023 (Sat)

Time: afternoon (TBC)

Venue: CUHK Campus (TBC)

Format: Written / MCQ exam

Speakers:

Name	Affiliation
Prof. Ronald Wong (Module Director)	BCMPH, MBChB (CUHK), MRCSEd, PhD (CUHK), FHKCOS, FHKAM (Orth) Clinical Assistant 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, Department of Orthopaedic Rehabilitation, Tai Po Hospital
Dr. Chad Chan	PhD (PolyU), MSc SMHS (CUHK), BSc Physiotherapy (PolyU), Diploma in Acupuncture (SYSU), Registered Physiotherapist (HK) Assistant Professor, Department of Physiotherapy, School of Nursing and Health Studies, the Hong Kong Metropolitan University
Dr. Raymond NG	MBChB, FHKAM (Orthopaedic Surgery) Specialist, Department of Orthopaedics Rehabilitation, Tai Po Hospital
Dr. B Sheng	MBChB, MSc(epidemiology & biostatistics),FRCP(London, Edin), FHKAM(Medicine) Deputy COS, Consultant, Department of Medicine & Geriatric, Princess Margaret Hospital
Mr. Ajax Lau	BSc, Mphil (HKPU) Prosthetic & Orthotic Department, Prince of Wales Hospital
Mr. David Lau	MSc in Behavioral Health (HKU), PD in Primary Health Care (CUHK), BSc(Hon) OT (HKPU) Occupational Therapist I, Hong Kong Senior Rehabilitation Service (HKSRS)
Ir. Dr. Eric Tam	Ph.D. (PolyU), M.Sc. (Saskatchewan), B.Eng. (McMaster) Member HKIE Director of JCRECentre, Department of Biomedical Engineering, The Hong Kong Polytechnic University
Dr. Stephen Kong	PhD, Civil Engineering Senior Resident Engineer, Hyder Consulting Engineers
Prof. Raymond Tong	Ph.D Bio-engineering. MHKIE Professor, Division of Biomedical Engineering (BME), Department of Electronic Engineering, Faculty of Engineering, CUHK
Dr. Elvis Chui	PhD Research Assistant Professor, Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong
Dr. Paul Chan	MBBS (HK), FRCS(Edin), FHKAM (Emergency Medicine), PgDip In CPM (HKU), Master in Counselling studies (UniSA) Master in Buddhist studies (HKU), International Licensed Neurosemantic-NLP Trainer/professional meta-Coach (ISNS) International certified Master NLP Trainer (NLP, Santa Cruz U.S.A.) Specialist doctor in Emergency Medicine, Part-time Accident & Emergency Consultant Princess Margaret Hospital
Prof. Andy Cheng	D (OHP), PD (OT), PgD (WDP), BSc (H&S), MPhil, PhD, CMIOSH Professor and Associate Head, Department of Rehabilitation Science, The Hong Kong Polytechnic University
Prof. Grace Szeto	Ph.D., MSc(AppSc) (Curtin), BSc(PT) Professor and Program Leader for BSc(Hon) in Physiotherapy, Tung Wah College
Prof. Linda Lam	MBChB, MD, FRCPsych, FRCPsych(Hon), FHKAM(Psychiatry), FHKCpsych Professor (Clinical), Department of Psychiatry, The Chinese University of Hong Kong

Name	Affiliation
Prof. Joan Fok	MBChB(CUHK), MOM(CUHK), MRCP(UK), FHKCP, FHKCCM, FHKAM(Medicine), FHKAM(Community Medicine) Associate Consultant, Occupational Medicine Care Service, NTEC, HA
Prof. 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
Dr. Bosco Ma	MBChB, MD, MRCP, FRCP, FHKCP, FHKAM Associate Consultant, Department of Medicine and Therapeutics, Prince of Wales Hospital
Dr. Alex Choi	MBChB(CUHK), FRCSE, FRCS (Orth), FHKCOS, FHKCOS (Rehab), FHKAM (Orth Surg) Consultant, Department of Orthopaedics and Traumatology, Tuen Mun Hospital
Dr. PC Ho	MBChB, MSc(CUHK), FRCSEd, FHKCOS, FHKAM(Ortho. Surg) Consultant & COS, Department of Orthopaedics and Traumatology, Prince of Wales Hospital
Dr. TK Kong	MBBS(HK), FRCP(Lond, Edin,Glasg), FHKCP, FHKAM(Medicine), Specialist in Geriatric Medicine Honorary Consultant Geriatrician, Department of Medicine and Therapeutics, Prince of Wales Hospital Clinical Associate Professor (Honorary), Department of Medicine and Therapeutics, The Chinese University of Hong Kong
Prof. Jack Cheng	MD (CUHK), MBBS (HKU), FRCS(Edin), FRCS Ortho(Edin), FHKCS, FHKCOS, FHKAM (Ortho Surg) Emeritus Professor, Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong

Attention: University policy and regulations on honesty in academic work

Attention is drawn to University policy and regulations on honesty in academic work, and to the disciplinary guidelines and procedures applicable to breaches of such policy and regulations. Details may be found at <http://www.cuhk.edu.hk/policy/academichonesty/>.

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.

The submission of a piece of work, or a part of a piece of work, for more than one purpose (e.g. to satisfy the requirements in two different courses) without declaration to this effect shall be regarded as having committed undeclared multiple submissions. It is common and acceptable to reuse a turn of phrase or a sentence or two from one's own work; but wholesale reuse is problematic. In any case, agreement from the course teacher(s) concerned should be obtained prior to the submission of the piece of work.

The copyright of the teaching materials, including lecture notes, assignments and examination questions etc., produced by staff members/ teachers of The Chinese University of Hong Kong (CUHK) belongs to CUHK. Students may download the teaching materials produced by the staff members/ teachers from the Learning Management Systems, e.g. Blackboard adopted by CUHK for their own educational use, but shall not distribute/ share/ copy the materials to a third-party without seeking prior permission from the staff members/ teachers concerned.