

Module Head: Dr. Michael Ong

Last update: 30 Aug 2022

Session	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Exam
Date	7/9(W)	14/9(W)	17/9(S)	21/9(W)	28/9(W)	5/10(W)	12/10(W)	19/10(W)	26/10(W)	2/11(W)	4/11(F)	9/11(W)	11/11(F)	16/11(W)	18/11(F)	25/11(F)	10/12(S)
Time	1830-2130		AM/PM											1830-2130	PM		
Venue	CUHKMC		Campus	CUHKMC									WMY306	CUHKMC		(TBC)	

Theme	Content	Speakers	Session	Date
Current Diagnosis of Ortho Problems	Radiological investigations	Dr. Ryan NUNG	1	7/9/2022 (W)
	Biophysical interventions: vibration, LIPUS, and Shock Wave	Prof. Louis CHEUNG	2	14/9/2022 (W)
	Functional anatomy in Orthopaedic rehabilitation (with anatomy lab visiting)	Dr. Josephine LAU	3	17/9/2022 (S) CUHK Anatomy Lab 0930-1230 / 1400-1700
	Bone Health Research, Extreme CT	Prof. L QIN / Ms. Vivian HUNG	4	21/9/2022 (W)
	Principles of Physical Diagnosis of musculoskeletal problems; and Clinical Diagnostic Skills for Common MSK problems (Hands-on practice)	Dr. Ashley WONG	5	28/9/2022 (W)
	Arthroscopy & Minimal invasive surgery for Joint Injuries and Soft tissue Injuries and Healing	Dr. Michael ONG	6	5/10/2022 (W)
MSK Disorders, Special conditions, Aging and Degeneration	Upper limb	Dr. WL TSE	7	12/10/2022 (W)
	Spine	Dr. SW LAW	8	19/10/2022 (W)
	Sarcopenia, Osteoporosis and Aging	Prof. Louis CHEUNG	9	26/10/2022 (W)
	Injuries and fragility fractures	Dr. N TANG	10	2/11/2022 (W)
	Arthritis	Dr. KY CHUNG	11	4/11/2022 (F)
	Foot and Ankle	Dr. Samuel LING	12	9/11/2022 (W)
	Infection, Tumor and other bone diseases	Dr. LF TSE	13	11/11/2022 (F)
Principles of Rehab.	Assessment of Function & Impairment, and Assessment of Satisfaction & Outcomes	Dr. Brian AU	14	16/11/2022 (W)
	Models of Rehabilitation for Musculoskeletal Disorders	Mr. Alexander WOO	15	18/11/2022 (F)
	Student Presentation (Group Presentation)	Assessors: Dr. Samuel LING	16	25/11/2022 (F)
	Written Examination			10/12/2022 (S)

Venue: Campus Anatomy Laboratory, LG/F, Choh-Ming Li Basic Medical Sciences Building, CUHK
 CUHKMC Classroom, 10/F, CUHK Medical Center, 9 Chak Cheung Street, Shatin
 WMY306 Room 306, 3/F, Wu Ho Man Yuen Building, Chung Chi College, CUHK

Brief Description:

An introduction to the current techniques and technologies for diagnosis of musculoskeletal disorders and the principles of management, with coverage over non-operative means, alternative medicine, and also principles of surgical intervention especially for arthritis and aged problems.

介紹診斷和治療骨骼肌肉疾病的最新科技和技術，包括非手術治療、另類醫學療法，與及手術治療原理，尤其針對骨關節炎和老化疾病。

Learning Outcome:

The student should be able to understand and apply:

1. Current techniques and technologies for diagnosis of musculoskeletal disorders
2. The principles of management, with coverage over non-operative means and alternative medicine
3. Principles of surgical intervention especially for arthritis and aged problems.

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.

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Assessment:

1. Student Presentation (20%)

Students will be assigned into groups of 5-6 students, with more than 2 professionals in each group.

Group	Topic	Students					
1	8	CHAN CW Irene (PT)	CHAN FY Justin (Podia)	KWOK SK Kenzie (OT)	LAM KY Agnes (PT)	WONG KM Carman (PT)	YAO WB (PT)
2	1	CHAN KK Ivan (PT)	CHAN YL Agnes (TCM)	LAM YT Sharon (PT)	LEE NL Denise (OT)	WANG H Fran (P&O)	WONG TW Debbie (PT)
3	2	LAI Joanne TY (Podia)	LAM CS (PT)	LEUNG YH Enoch (PT)	PANG NY Louise (OT)	YEUNG CH Jeremy (PT)	ZHU YB Yuki (RT)
4	6	HO CC Freddy (PT)	LEUNG YT Tina (PT)	LI CY Jacky (TCM)	POON KH Peter (OT)	WONG KW Kim (P&O)	YIP TY Mandy (PT)
5	10	AU YH Cherry (OT)	HUI WH Cindy (PT)	LAM HY Winnie (Nurse)	LI XY Aimee (PT)	SUN HK Katy (OT)	
6	3	CHAN Isaac CH (OT)	CHEN HJ (OT)	KWOK WS Shirley (PT)	LEUNG TK Chris (P&O)	SIU Rosiar (PT)	
7	9	CHAN YL Billy (OT)	KWONG Melody WY (PT)	LUK Bonnie MS (PT)	SUN LY Jeremy (PT)	TAM TW Kelly (TCM)	
8	4	CHEUNG CF Michael (OT)	CHEUNG TW Winky (PT)	LAU KY Jeffrey (Nurse)	MEI LY (PT)	TAO PW Yvette (PT)	
9	5	CAI BJ (RT)	CHAN FT Stephanie (Podia)	CHEUNG NS Dorian (OT)	LAM HW Winky (PT)	WAN CH Amy (PT)	
10	7	CHOW TC Erina (OT)	HUANG C Cici (RT)	LAM HM Rachel (PT)	WONG CK Karen (PT)	YUEN CM Edmond (Nurse)	

Each group will present for 10 minutes (plus 5 minutes Q&A) in session 15. Here below are the topics for your preview:

	Topics	Scope to present
I.	Radiological investigation use in musculoskeletal medicine	Discuss different types of investigation modality use in musculoskeletal medicine. Their basic principle and basic science. Clinical application. Cost-effectiveness
II.	Biophysical intervention in musculoskeletal medicine	What is currently available? What can it be use for? The basic science behind these technologies. Their efficacy and outcome
III.	Current guideline in the management of fragility hip fractures	Review of the management of fragility hip fractures, from the initial injury, hospital management and post-operative rehabilitation care to secondary prevention
IV.	Overview of patient reported outcome measurements (PROM)	What are they? Why should be use it? Who should be use it on? Should these form parts of performance index?
V.	Current guideline in the management of osteoporosis	Review of the management of osteoporosis in the community, how does it compare between HK and the rest of the world
VI.	Scoliosis exercise - what's the evidence	
VII.	Application of 3D printing in Orthosis	
VIII.	Tele rehabilitation - current practice and guideline	
IX.	Application of MSK ultrasound in rehabilitation	
X.	Sports injury: the pathway to return to play	

More details and the topics will be released in session 1

Presentation date: 23/11/2022 (Wed)

2. Written Examination (80%)

The written Examination covers all the contents of the lectures.

Date: 10/12/2022 (Sat) Time: 14:00 – 16:00 (*tbc*)

Online / face-to-face (Venue: LKSiHS303, PWH (*tbc*))

Speakers:

Dr. Michael ONG (module head)	MBChB, MRCS, FRCS (Orth) Assistant Professor, Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong
Dr. Ryan NUNG	MBChB, FRCR, FHKCR, FHKAM (Radiology) Consultant, Specialist in Radiology, CUHK Medical Center
Prof. Louis CHEUNG	BSc, PhD, Postgrad Cert (Biostatistics) Professor (non-clinical), Department of Orthopaedics & Traumatology, The Chinese University of Hong Kong
Dr. Josephine LAU	BSc (Human Biology), MPhil (Anatomy), PhD (Ophthalmology and Visual Sciences) Lecturer, Department of Biomedical Sciences, The Chinese University of Hong Kong
Prof. L QIN	BEd, MEd (Beijing Inst. of Phy. Ed.), PhD (German Sports Univ. Cologne), MAOAA, MCCBM, MAAAS, MIBMS, MSIROT Professor, Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong
Ms. Vivian HUNG	M.Phil (CUHK), B.Sc (Hon)(University of Toronto) Research Associate, Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong
Dr. Ashley WONG	MBChB Clinical Lecturer, Department of Orthopaedics and Traumatology, the Chinese University of Hong Kong
Dr. WL TSE	MBChB(CUHK), FRCSEd, FRCSEd(Orth), FHKCOS, FHKAM (Orthopaedic Surgery) Consultant, Department of Orthopaedics and Traumatology, Prince of Wales Hospital
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. N TANG	MBChB(CUHK), FRCS(Edin), FRCSEd(Orth), FHKCOS, FHKAM (Orthopaedic Surgery) Consultant, Department of Orthopaedics and Traumatology, Prince of Wales Hospital.
Dr. KY CHUNG	MBChB, MRCSEd, FRCSEd (Orth), FHKCOS, FHKAM(Orho Surg) Clinical Associate Professor (honorary), Department of Orthopaedics & Traumatology, Prince of Wales Hospital
Dr. Samuel LING	MBChB (CUHK), ChM (Edin), FHKCOS, FRCSEd (Orth), FHKAM (Orth) Assistant Professor, Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong
Dr. LF TSE	MBChB (CUHK), MRCSEd, FRCSEd(Orth), FHKCOS, FHKAM (Orthopaedic Surgery) Specialist in Orthopaedic Surgery, Department of Orthopaedics and Traumatology, Union Hospital
Dr. Brian AU	PhD (Rehab Sciences), MSc (Health Care), PDOT, HKCHSE Fellow Department Manager, Occupational Therapy Department, Tai Po Hospital
Mr. Alexander WOO	MBA in Health Care (CUHK), MMedSc. (HKU), BSc. Physiotherapy (PolyU), Prof. Dip. Acupuncture (HKBU) Principal Physiotherapist, CUHK Medical Centre