

Module Head: Dr. Michael Ong

Last update: 4 Sep 2023

Session	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Exam
Date	6/9(W)	13/9(W)	16/9(S)	20/9(W)	27/9(W)	3/10(Tue)	11/10(W)	18/10(W)	25/10(W)	26/10(Thu)	1/11(W)	8/11(W)	10/11(F)	15/11(W)	17/11(F)	1/12(F)	9/12(S)
Time	1830-2130		AM/PM	1830-2130										PM			
Venue	OLC SR	9/F SR	A Lab	OLC SR	CSLC EF	OLC SR	CSLC EF	OLC SR	OLC B Lab	OLC SR	OLC SR	OLC SR	OLC SR	OLC SR	OLC SR	OLC SR	(TBC)

Theme	Content	Speakers	Session	Date
Current Diagnosis of Ortho Problems	Radiological investigations	Dr. Ryan NUNG	1	6/9/2023 (W)
	Biophysical interventions: vibration, LIPUS, and Shock Wave	Prof. Louis CHEUNG	2	13/9/2023 (W)
	Functional anatomy in Orthopaedic rehabilitation (with anatomy lab visiting)	Dr. Josephine LAU	3	16/9/2023 (S) CUHK Anatomy Lab 0930-1230 / 1400-1700
	Application of Bone Densitometry in Bone Health Research Osteoporosis and Assessment of Bone density: DEXA, pQCT, ultrasound bone densitometry	Ms. Vivian HUNG	4	20/9/2023 (W)
	Principles of Physical Diagnosis of musculoskeletal problems; and Clinical Diagnostic Skills for Common MSK problems (Hands-on practice)	Dr. Ashley WONG	5	27/9/2023 (W)
	Arthroscopy & Minimal invasive surgery for Joint Injuries and Soft tissue Injuries and Healing	Dr. Michael ONG	6	3/10/2023 (Tue)
MSK Disorders, Special conditions, Aging and Degeneration	Upper limb	Dr. WL TSE	7	11/10/2023 (W)
	Sarcopenia, Osteoporosis and Aging	Prof. Louis CHEUNG	8	18/10/2023 (W)
	Foot and Ankle	Dr. Samuel LING	9	25/10/2023 (W)
	Spine	Dr. SW LAW	10	26/10/2023 (Thu)
	Injuries and fragility fractures	Dr. N TANG	11	1/11/2023 (W)
	Arthritis	Dr. KY CHUNG	12	8/11/2023 (W)
	Infection, Tumor and other bone diseases	Dr. LF TSE	14	15/11/2023 (W)
Principles of Rehab.	Models of Rehabilitation for Musculoskeletal Disorders	Mr. Alexander WOO	13	10/11/2023 (F)
	Assessment of Function & Impairment, and Assessment of Satisfaction & Outcomes	Dr. Brian AU	15	17/11/2023 (F)
	Student Presentation (Group Presentation)	Assessors: Dr. Samuel LING Dr. Raymond NG	16	1/12/2023 (F)
	Written Examination			9/12/2023 (S)

Venue: A Lab Anatomy Laboratory, LG/F, Choh-Ming Li Basic Medical Sciences Building, CUHK
 9/F SR Seminar Room, 9/F, Main Clinical Block and Trauma Center, Prince of Wales Hospital, Shatin
 OLC SR Seminar Room, Orthopaedic Learning Center, 1/F, Li Ka Shing Specialist Clinic (North Wing), Prince of Wales Hospital, Shatin
 OLC B Lab Bioskill Lab, Orthopaedic Learning Center, 1/F, Li Ka Shing Specialist Clinic (North Wing), Prince of Wales Hospital, Shatin
 CSLC EF Room E&F, KCT Clinical Skills Learning Center, 2/F, Lui Che Woo Clinical Sciences Building, Prince of Wales Hospital, Shatin
 (TBC) To be confirmed

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 3-4 students, with more than 2 professionals in each group.

Group	Topic	Students			
9	1	CHEUNG Wing Chi Gigi (PT)	KWAN Hoi Ying (PT)	TONG Cheuk Ying Charmaine (P&O)	
3	2	FAN Hoi Lam (PT)	LEUNG Yee Hang Kimmy (PT)	MAK Tsui Chi (OT)	XU Chen (RT)
2	3	CHEUNG On Yiu Jon Matthew (PT)	KAN Hiu Ying Cathy (OT)	TAM Wing Yan (PT)	YUNG Pui Hei (OT)
4	4	CHAN Mei Yan Rachael (OT)	FUNG Yau Man (PT)	LIU Cheongho Kelvin (OT)	WANG Suet Ying Shirly Shirly (PT)
7	5	CHEUNG Ka Yuen (PT)	IEONG Chong U Coco (PT)	TAM Hung Yan Sammi (TCM)	WU Yan Tung Abbie (OT)
5	6	CHAN Sin Yiu (PT)	FUNG Yu Hin James (PT)	WONG Cheuk Yin Andrew (OT)	
8	7	CHUNG Tsz Man Prudence (PT)	LEUNG Wai Sum Tiffany (PT)	LUK Ming Hei Jason (OT)	WONG Chun Hei (P&O)
10	8	LAI Cho Ming Darren (OT)	TONG Sze Wai Emily (OT)	TSANG Toni Wing-tung (PT)	
6	9	CHAU Chu Ching (OT)	HO Wing Yip Edwin (PT)	U Yeuk Hei Hailey (PT)	WAN Ka Wai Jenny (PT)
1	10	CHING Sum Yuet Adora (P&O)	CHOI Man Chik Jenny (OT)	LAU Po Shan Sandy (PT)	LO Pou San Kennis (PT)

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: 1/12/2023 (Fri)

2. Written Examination (80%)

The written Examination covers all the contents of the lectures.

Date: 9/12/2023 (Sat) Time: 14:00 – 16:00 (*tbc*)

Venue: CUHK Campus (*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
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
Dr. Raymond NG	MBChB, FHKAM (Orthopaedic Surgery) Specialist, Department of Orthopaedics Rehabilitation, Tai Po Hospital