

Module Head: Dr. Michael Ong

Last update: 9/7/2025

Session	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Exam
Date	3/9(W)	10/9(W)	17/9(W)	20/9(S)	24/9(W)	8/10(W)	15/10(W)	22/10(W)	5/11(W)	7/11(F)	12/11(W)	14/11(F)	19/11(W)	21/11(F)	26/11(W)	28/11(F)	13/12(S)
Time	1830-2130			AM/PM	1830-2130												PM
Venue	WMY406	WMY406	WMY406	A Lab	WMY406	WMY406	WMY406	WMY406	WMY406	CYT LT4	WMY406	CYT LT4	WMY406	CYT LT4	WMY406	CYT LT4	(Tbc)

Theme	Content	Speakers	Session	Date
Current Diagnosis of Ortho Problems	Biophysical interventions: vibration, LIPUS, and Shock Wave	Prof. Louis CHEUNG	1	3/9/2025 (W)
	Radiological investigations	Dr. Kenneth CHEUNG	2	10/9/2025 (W)
	Application of Bone Densitometry in Bone Health Research Osteoporosis and Assessment of Bone density: DEXA, pQCT, ultrasound bone densitometry	Ms. Vivian HUNG	3	17/9/2025 (W)
	Functional anatomy in Orthopaedic rehabilitation (with anatomy lab visiting)	Dr. Josephine LAU	4	20/9/2025 (S) CUHK Anatomy Lab 0930-1230 / 1400-1700
	Principles of Physical Diagnosis of musculoskeletal problems; and Clinical Diagnostic Skills for Common MSK problems	Dr. Ashley WONG	5	24/9/2025 (W)
MSK Disorders, Special conditions, Aging and Degeneration	Upper limb	Dr. WL TSE	6	8/10/2025 (W)
	Sarcopenia, Osteoporosis and Aging	Dr. N ZHANG	7	15/10/2025 (W)
	Spine	Dr. Raymond WAN	8	22/10/2025 (W)
	Arthroscopy & Minimal invasive surgery for Joint Injuries and Soft tissue Injuries and Healing	Dr. Michael ONG	9	5/11/2025 (W)
	Arthritis	Dr. Dennis WONG	10	7/11/2025 (F)
	Injuries and fragility fractures	Dr. N TANG	11	12/11/2025 (W)
	Foot and Ankle	Dr. Samuel LING	12	14/11/2025 (F)
	Infection, Tumor and other bone diseases	Dr. WK CHIU	13	19/11/2025 (W)
Principles of Rehab.	Assessment of Function & Impairment, and Assessment of Satisfaction & Outcomes	Dr. Brian AU	14	21/11/2025 (F)
	Models of Rehabilitation for Musculoskeletal Disorders	Mr. Alexander WOO	15	26/11/2025 (W)
	Student Presentation (Group Presentation)	Assessors: Dr. Samuel LING Dr Adam LAU	16	28/11/2025 (F)
Written Examination				13/12/2025 (S)

Venue: A Lab Anatomy Laboratory, LG/F, Choh-Ming Li Basic Medical Sciences Building, CUHK
 CYT LT4 Lecture Theatre 4, Cheng Yu Tung Building, CUHK Campus, 9 Chak Cheung Street, Shatin (near MTR station/Bus stop)
 WMY406 Room WMY406, Wu Ho Man Yuen Building, CUHK Campus, Shatin

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		BUT Cheuk Yiu Daisy	CHAN Tsz Ki Kaitlyn	KWOK Cheuk Yin Frankie	LI Xin Lissy	SO Edwina Yi Tung	
2		CHAN Andy	CHEUNG Kwan Yee Kelly	LAM Ka Yin Karen	TANG Chun Lam Tom	ZHOU Ke KK	
3		CHAN Chak Kwan	CHOY Marco	LAM Yat Tung Anies	MOU Luo Chenxi Luoxi	TSANG Hoi Lam Cherrie	TSANG Hok Pan Ben
4		CHAN Ka Kwan Michael	CHAN Lok Lok Vanessa	CHUNG Ka Wai Karie	LAW Chi Long James	WONG Ka Yu Kelly	
5		CHAN Po Yan Ivy	HO Tsz Wai Phoebe	LEUNG Kwok Lam Kevin	WONG Wing Hei Grace	XU Wendi Wendy	
6		CHAN Tsz Ying Gillian	ISMAIL Amina	LEUNG Sum Yin Sammi	SHUM Hiu Ting Candy	YAN Yuen Shan Christy	YIP Chak Fung Alex
7		CHANG Cheuk Hin Macro	LAM Hang Pui Henry	LAM Yee Ching Eunice	LI Sze Wai Ava	YIP Nicholas Justin	
8		CHENG Ka Wing	CHENG Ting Ka Leanne	LO Kam Ying Sarah	LUI Ling Ching Stephy	YIP Wing Sum Kelly	
9		CHEUNG Ki Kwan George	LO Tsoi Ying Cherry	NG Lok Him Ryan	YU Chiu Yee Chelsea	YU Haoran Mavis	
10		CHEUNG Wai Lun Brian	LAM Wing Yang Michael	NG Yan Yin Stephanie	TSANG Chun Lok	YUNG Kit Charis	

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

	<u>Topics</u>
I.	Radiological investigation used in musculoskeletal medicine
II.	Biophysical intervention in musculoskeletal medicine
III.	Current guideline in the management of fragility hip fractures
IV.	Overview of patient reported outcome measurements (PROM)
V.	Current guideline in the management of osteoporosis
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: 28/11/2025 (Fri)

2. Written Examination (80%)

The written Examination covers all the contents of the lectures.

Date: 13/12/2025 (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
Professor Louis CHEUNG	BSc, PhD, Postgrad Cert (Biostatistics) Professor (non-clinical), Department of Orthopaedics & Traumatology, The Chinese University of Hong Kong
Dr. Kenneth CHEUNG	BSc, MB BS, PhD (UCL), FRCR Radiologist, Department of Interventional Imaging and Radiology, Prince of Wales Hospital / North District Hospital
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. Josephine LAU	BSc (Human Biology), MPhil (Anatomy), PhD (Ophthalmology and Visual Sciences) Lecturer, Department of Biomedical Sciences, The Chinese University of Hong Kong
Dr. Ashley WONG	MBChB Resident, Department of Orthopaedics and Traumatology, Prince of Wales Hospital
Dr. WL TSE	MBChB(CUHK), FRCSEd, FRCSEd(Orth), FHKCOS, FHKAM (Orthopaedic Surgery) Consultant, Department of Orthopaedics and Traumatology, Prince of Wales Hospital
Dr. N ZHANG	BSc (SDU), MSc (SJTU), PhD (CUHK) Assistant Professor, Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong
Dr. Raymond WAN	MB ChB (CUHK); MRCSEd, FRCSEd(Orth), FHKAM (Orthopaedic Surgery), FHKCOS Specialist, Department of Orthopaedics and Traumatology, Prince of Wales Hospital
Dr. Dennis WONG	MBBS (H.K.), MRCSEd, FRCSEd (Ortho.), FHKCOS, FHKAM (Orthopedic Surgery) Specialist, Department of Orthopaedics and Traumatology, Prince of Wales Hospital
Dr. N TANG	MBChB(CUHK), FRCS(Edin), FRCSEd(Orth), FHKCOS, FHKAM (Orthopaedic Surgery) Consultant, Department of Orthopaedics and 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. WK CHIU	MB BS (HKU); MRCSI, FRCSEd(Orth), FHKCOS, FHKAM (Orthopaedic Surgery) Staff Consultant, St. Paul Hospital
Professor Brian AU	PhD (Rehab Sciences), MSc (Health Care), PDOT, FCHSE (Australia) Professor of Practice, Department of Rehabilitation Sciences, The Hong Kong Polytechnic University
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