

International Symposium on Advanced Technology and 3D Printing in Orthopaedics

Workshop – Application of 3D Printing in Orthopaedics (Tentative Program)

Date: 10 September 2023 (Sunday)

Venue: Orthopaedic Learning Centre (OLC), Prince of Wales Hospital, Shatin, Hong Kong

Organizing Committee

Chairman	Prof. Patrick SH YUNG
Committee Member	Prof. Sheung Wai LAW Prof. Louis CHEUNG Prof. Ling QIN Prof. Elvis CS CHUI

Speakers

Prof. Elvis CHUI	Research Assistant Professor, Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong
Mr. Ajax LAU	Advanced Practice Prosthetist-Orthotist, Prince of Wales Hospital
Mr. Jason OU	Application Engineer, Materialise Greater China

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0830 – 0900	Program installation and preparation	All
3D Software Introduction & Basic Manipulation		
0900 – 0945	Basic functions and segmentation in Mimics software	Elvis Chui
0945 – 1030	Basic functions and surgical guide design in 3Matic software	Elvis Chui
1030 – 1100	Tea break & Group Photo	
1100 – 1115	3D Printing tour	Elvis Chui / Ajax Lau
3D Surgery Planning & Patient Specific Instrument Design		
1115 – 1200	Case demonstration – Virtual Surgical Planning for Mandibular Reconstruction	Ajax Lau
1200 – 1245	Case demonstration – Virtual Surgical Planning for Bone Tumor Resection	Ajax Lau
1245 – 1345	Lunch	All
New Implant Design Functions / Patient Specific Implant & Prosthesis Design		
1345 – 1430	New development and functions in Mimics software	Jason Ou
1430 – 1515	Patient specific implant / prosthesis design	Jason Ou