

**The University of Hong Kong
Department of Pathology**

**Master of Molecular and Diagnostic Pathology
Diagnostic Pathology, Course 1**

MMDP7004 Chemical Pathology, Diagnostic Haematology and Transfusion Medicine

Course Coordinators: Professor CW Lam & Professor Albert Sin

10, 17, 18 May 2025

Venue: Room 035, 6/F, Block T, Queen Mary Hospital

<i>MMDP7004-1 Chemical Pathology</i>		
Saturday, 10 May 2025		Venue: T06-035
Time	Topics	Lecturers
8.50 am - 9.00 am	Introduction	Prof. CW Lam
9.00 am - 10.00 am	Tumor markers	Prof. CW Lam
10:00 am - 10:15 am	Staff-Student Consultative Meeting for MMDP7005 & MMDP7015	Prof US Khoo & Prof Annie Cheung
Break		
10.30 am - 11.30 am	Point-of-care Testing	Dr Felix Wong
11.30 am - 12.30 pm	Laboratory Management	Dr Felix Wong
Lunch Break		
1.15 pm - 2.15 pm	Interferences in Laboratory Testing	Dr. Morris Tai
2.15 pm - 3.15 pm	Clinical Toxicology	Dr. Morris Tai
Break		
3.30 pm - 4.30 pm	Diabetes Mellitus and Endocrine Disorders	Dr. Morris Tai
4:30 pm - 5:30 pm	Cardiac Markers	Dr CYK Chong
5.30 pm - 6.30 pm	Renal and Liver Function Tests	Dr CYK Chong

MMDP7004-2 Diagnostic Haematology & Transfusion Medicine		
Saturday, 17 May 2025		Venue: T06-035
Time	Topics	Lecturers
9:30 am - 9:45 am	Introduction	Prof. Albert Sin
9:45 am - 10:30 am	Facts about Reference Range	
Break		
10:45 am - 11:15 am	From cell counting to DNA sequencing	Prof. Albert Sin
11:15 am - 12:15 pm	A complete picture of complete blood picture	
Lunch Break		
1:15 pm - 2:00 pm	Introduction to haemoglobin disorders	Prof. Albert Sin
2:00 pm - 3:00 pm	Introduction to bleeding disorders	
Break		
3:15 pm - 4:00 pm	Laboratory diagnosis of bleeding disorders	Prof. Albert Sin

MMDP7004-2 Diagnostic Haematology & Transfusion Medicine		
Sunday, 18 May 2025		Venue: T06-035
Time	Topics	Lecturers
9:30 am - 10:15 am	Pre-transfusion compatibility testing	Prof. Albert Sin
10:15 am - 11:15 am	Facts about Incompatible Blood Products	
Break		
11:30 am - 11:45 am	Staff-Student Consultative Meeting for MMDP7004	Prof CW Lam & Prof Albert Sin
11:45 am - 12:30 pm	Adverse transfusion reaction	Prof. Albert Sin
Lunch Break		
28 Feb - 1 Mar 2024	Lab visit	Prof. Albert Sin

<i>Saturday, 21 June 2025</i>		
(Deadline)	Self Assessment Exercises	--
10:00 am - 10:00 pm	MCQ Quiz	