

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

**Teaching in the MBBS Curriculum**

<b>MBBS I</b>		
<b>Block / System</b>	<b>Lecture Title</b>	<b>Practical Title</b>
<i>Introduction to Health and Disease Block</i>	<ul style="list-style-type: none"> <li>▪ Cell injuries and cell death</li> <li>▪ Specific immune reactivity: Antibodies and lymphocytes</li> <li>▪ Immunological specificity</li> <li>▪ Ouch! It's hot and swollen</li> <li>▪ Too much porridge</li> <li>▪ All blocked up</li> <li>▪ Neoplasia I</li> <li>▪ Neoplasia II</li> <li>▪ Non-specific defense mechanism</li> <li>▪ The immune system in health and disease</li> <li>▪ Chronic inflammation</li> <li>▪ Where does my blood come from and why are my eyes yellow and my urine red?</li> <li>▪ The process of healing in health and disease</li> </ul>	<ul style="list-style-type: none"> <li>▪ Cell injuries and cell death</li> <li>▪ The effects of atherosclerosis, thrombosis and embolism</li> <li>▪ Neoplasia</li> <li>▪ Introduction to blood cells</li> <li>▪ Acute and chronic inflammation, repair and regeneration</li> </ul>
<i>Respiratory System</i>	<ul style="list-style-type: none"> <li>▪ Carcinoma of the respiratory Tract</li> <li>▪ Pathology of airflow obstruction – asthma &amp; COPD</li> <li>▪ Interstitial diseases of the lung</li> <li>▪ Hypersensitivity reactions</li> <li>▪ Pulmonary inflammation and infection</li> </ul>	<ul style="list-style-type: none"> <li>▪ Lung carcinoma and airway diseases</li> <li>▪ Pulmonary inflammation &amp; infections (Briefing for class case)</li> <li>▪ CD-Rom guided case study</li> </ul>
<i>Cardiovascular System</i>	<ul style="list-style-type: none"> <li>▪ Pathogenesis of Valvular Heart Disease</li> <li>▪ Pathogenesis of Ischaemic Heart Diseases</li> <li>▪ Shock</li> <li>▪ Pathology of hypertension</li> </ul>	<ul style="list-style-type: none"> <li>▪ CVS Pathology I</li> <li>▪ CVS Pathology II</li> </ul>
<i>Gastrointestinal System</i>	<ul style="list-style-type: none"> <li>▪ Pathology of the esophagus and cardia</li> <li>▪ Pathology of peptic ulcers, gastritis and gastric cancer</li> <li>▪ Pathology of hepatitis and cirrhosis</li> <li>▪ Pathology of liver tumours and gall stones</li> </ul>	<ul style="list-style-type: none"> <li>▪ Pathology of esophageal cancer, peptic ulcer and gastric cancer</li> <li>▪ Pathology of hepatitis, cirrhosis and liver cancer</li> </ul>

<b>MBBS II</b>		
<b>Block / System</b>	<b>Lecture</b>	<b>Practical</b>
<i>Urogenital System</i>	<ul style="list-style-type: none"> <li>▪ Glomerular, vascular, tubular and interstitial diseases of kidney</li> <li>▪ Congenital abnormalities and obstructive uropathy</li> <li>▪ Urinary tumours</li> <li>▪ Pathology of the male genital tract</li> <li>▪ Biochemical investigations of urogenital diseases</li> <li>▪ Pathology of the female genital tract</li> <li>▪ Pathology of the breast</li> </ul>	<ul style="list-style-type: none"> <li>▪ Pathology of urinary diseases</li> <li>▪ Pathology genital diseases</li> <li>▪ Pathology of urinary tract and breast</li> </ul>
<i>Musculoskeletal System</i>	<ul style="list-style-type: none"> <li>▪ Inflammatory and degenerative joint disorders</li> </ul>	<ul style="list-style-type: none"> <li>▪ Diseases of bone, cartilage and joints</li> </ul>
<i>Central Nervous System</i>	<ul style="list-style-type: none"> <li>▪ Pathology of CNS infection</li> <li>▪ Pathology of raised intracranial pressure and cerebrovascular disease</li> <li>▪ Pathology of intracranial tumours</li> </ul>	<ul style="list-style-type: none"> <li>▪ Pathology of CNS infection and cerebrovascular disease</li> <li>▪ Pathology of CNS tumours</li> </ul>
<i>Head and Neck Block</i>	<ul style="list-style-type: none"> <li>▪ NPC and other tumours of upper respiratory track</li> </ul>	
<i>Haematology/Immunology System</i>	<ul style="list-style-type: none"> <li>▪ Basic concepts of haemopoiesis and its regulation</li> <li>▪ Introduction of the immune system</li> <li>▪ Classification and laboratory diagnosis of anaemia</li> <li>▪ Lymphocyte development</li> <li>▪ Antibody structure and function</li> <li>▪ Humoral immune response</li> <li>▪ Antigen recognition by T cells</li> <li>▪ Antigen processing and presentation</li> <li>▪ Cell mediated immune reactions</li> <li>▪ Introduction to immunohaematology and hospital blood banking</li> <li>▪ Cell kinetics and dynamics in immune responses</li> <li>▪ Inherited and acquired bleeding disorders</li> <li>▪ Overview of the immune system</li> </ul>	<ul style="list-style-type: none"> <li>▪ Blood cell morphology</li> </ul>
<i>Endocrine System</i>	<ul style="list-style-type: none"> <li>▪ Autoimmune thyroid disorders and thyroiditis</li> </ul>	<ul style="list-style-type: none"> <li>▪ Endocrine I</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Pathology of endocrine disorders I</li> </ul>	<ul style="list-style-type: none"> <li>▪ Endocrine II</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Pathology of endocrine disorders II</li> </ul>	
	<ul style="list-style-type: none"> <li>▪ Pathology of parathyroid glands</li> </ul>	