### Basic Cardiology (CVS 5001)

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Class</th>
<th>Speakers</th>
<th>Venue* (Notes 1)</th>
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</thead>
</table>
| 1 2 Sep 08 (Tue) | 3:00pm – 9:00pm | - Introduction to MSc in Cardiology  
- Autonomic and humoral control of cardiovascular physiology  
- Molecular biology for cardiac contractility and heart failure  
- Basic cardiac, coronary and vascular anatomy | Prof. Gabriel Yip  
Prof. Yu Huang  
Prof. Xiao-qiang Yao  
Dr. Louis Chow | Shaw Auditorium, Postgraduate Education Centre |
| 2 16 Sep 08 (Tue) | 3:00pm – 9:00pm | - Left ventricular systolic and diastolic function  
- Right ventricular function and physiology  
- Coronary physiology and endothelial function | Prof. Gabriel Yip  
Prof. Gabriel Yip  
Dr. Eugene Wu | Shaw Auditorium, Postgraduate Education Centre |
| 3 30 Sep 08 (Tue) | 3:00pm – 9:00pm | - Cardiac catheterization hemodynamics  
- Lipid physiology and management  
- Cellular electrophysiology and arrhythmogenesis  
- ECG interpretation | Prof. Gabriel Yip  
Prof. Brian Tomlinson  
Dr. Jeffrey Fung  
Dr. Jeffrey Fung | Shaw Auditorium, Postgraduate Education Centre |
| 4 14 Oct 08 (Tue) | 3:00pm – 9:00pm | - Essential of pharmacokinetics and pharmacodynamics  
- Principles, adverse effects, and interactions of cardiac drugs  
- Basics of echocardiography  
- Haemostasis and platelet function in cardiology | Dr. Raymond Wong  
Dr. Raymond Wong  
Dr. Pui-wai Lee  
Prof. Gregory Cheng | Shaw Auditorium, Postgraduate Education Centre |
| 5 28 Oct 08 (Tue) | 3:00pm – 9:00pm | - Basic clinical and molecular genetics of common diseases, e.g. AMI  
- Erectile dysfunction: Implication for CV health  
- Smoking and alcohol consumption in CV health | Prof. Nelson Tang  
Dr. Chi-kwok Chan  
Dr. Wai-see Wan | Room 301, Li Ka Shing Medical Sciences Building |
| 6 4 Nov 08 (Tue) | 3:00pm – 9:00pm | - Cardiac Emergency Course I | Various | Shaw Auditorium, Postgraduate Education Centre |
| 7 11 Nov 08 (Tue) | 3:00pm – 9:00pm | - Nutrition and the heart  
- Obesity and related cardiovascular health  
- Renal physiology and the heart  
- Exercise and CV health | Prof. Jean Woo  
Prof. Peter Tong  
Prof. Cheuk-chun Szeto  
Dr. Suet-ting Lau | Room 301, Li Ka Shing Medical Sciences Building |
| 8 25 Nov 08 (Tue) | 3:00pm – 9:00pm | - Epidemiology and pathophysiology of hypertension  
- Management of hypertension with case studies  
- Cardiopulmonary circulation and physiology  
- Basics of nuclear cardiology | Prof. Brian Tomlinson  
Prof. Brian Tomlinson  
Dr. Thomas S T Li  
Dr. Frankie Choi | Lecture Theatre, 2/F., Clinical Sciences Building |
| 9 2 Dec 08 (Tue) | 3:00pm – 9:00pm | - Cardiac Emergency Course II | Various | Shaw Auditorium, Postgraduate Education Centre |
| 10 9 Dec 08 (Tue) | 3:00pm – 9:00pm | - Introduction to biostatistics I  
- Introduction to biostatistics II  
- Introduction to epidemiology | Prof. Benny Zee  
Prof. Benny Zee  
Prof. Benny Zee | Room 301, Li Ka Shing Medical Sciences Building |
| 11 23 Dec 08 (Tue) | 3:00pm – 9:00pm | - Termination of pregnancy: Ethical and practical consideration  
- Medical ethics  
- Medico-legal issues | Prof. Wing-hung Tam  
Dr. David Dai  
Dr. David Dai | Seminar Rooms 1-3, 1/F., Postgraduate Education Centre |

**Notes:**
1. All classes will be held in the Prince of Wales Hospital, Shatin, N.T.
### Master of Science in Cardiology 2008-9

#### SECOND TERM (5 Jan 09 – 2 May 09)

**Clinical Cardiology I (CVS 6001)**

<table>
<thead>
<tr>
<th>Date</th>
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<tr>
<td>6 Jan 09</td>
<td>3:00pm – 9:00pm</td>
<td>Pathophysiology of myocardial ischemia and infarction</td>
<td>Prof. Gabriel Yip, Dr. Bryan Yan, Dr. Ka-tak Wong, Dr. Ka-tak Wong</td>
<td>Shaw Auditorium, Postgraduate Education Centre</td>
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<tr>
<td>20 Jan 09</td>
<td>3:00pm – 9:00pm</td>
<td>Management of STEMI, Mechanical complications of myocardial infarction, Management of unstable angina and NSTEMI, Viability assessment for ischemic heart disease</td>
<td>Dr. Steven S L Li, Dr. Steven S Li, Dr. Eugene Wu, Dr. Anna Chan</td>
<td>Seminar Rooms 2-3, 1/F., Postgraduate Education Centre</td>
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<tr>
<td>3 Feb 09</td>
<td>3:00pm – 9:00pm</td>
<td>Pharmacological therapy for stable coronary artery disease, CABG, PCI vs CABG: How to select?</td>
<td>Prof. Vivian Lee, Prof. Song Wan, Dr. Eugene Wu</td>
<td>Seminar Rooms 2-3, 1/F., Postgraduate Education Centre</td>
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<tr>
<td>17 Feb 09</td>
<td>3:00pm – 9:00pm</td>
<td>Valvular heart disease, Surgical treatment for valvular heart disease, Microbiology of IE: Native and prosthetic heart valves</td>
<td>Prof. Qing Zhang, Prof. Malcolm Underwood, Prof. Margaret Ip</td>
<td>Seminar Rooms 2-3, 1/F., Postgraduate Education Centre</td>
</tr>
<tr>
<td>3 Mar 09</td>
<td>3:00pm – 9:00pm</td>
<td>Epidemiology, pathophysiology and assessment of heart failure, Pharmacological therapy for heart failure, Device therapy for heart failure, Surgical therapy for heart failure</td>
<td>Prof. Cheuk-man Yu, Prof. Vivian Lee, Prof. Cheuk-man Yu, Prof. Song Wan</td>
<td>Kai Chong Tong, Postgraduate Education Centre</td>
</tr>
<tr>
<td>17 Mar 09</td>
<td>3:00pm – 9:00pm</td>
<td>Anticoagulation during pregnancy, Valvular heart disease in pregnancy, Case studies for pregnancy and CV diseases</td>
<td>Prof. Gabriel Yip, Prof. Gabriel Yip, Prof. Wing-hung Tam</td>
<td>Seminar Rooms 2-3, 1/F., Postgraduate Education Centre</td>
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<tr>
<td>31 Mar 09</td>
<td>4:00pm – 9:00pm</td>
<td>Genetic diseases involving cardiovascular system, Clinical management of hypertrophy cardiomyopathy</td>
<td>Prof. Nelson Tang, Dr. Anna Chan</td>
<td>Seminar Rooms 2-3, 1/F., Postgraduate Education Centre</td>
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<tr>
<td>14 Apr 09</td>
<td>3:00pm – 9:00pm</td>
<td>Selection criteria for heart transplantation, Follow up of patients with transplanted heart, Surgical perspective of heart transplantation, Dilated and restrictive cardiomyopathies</td>
<td>Dr. Elaine Chau, Dr. Elaine Chau, Dr. Wing-hung Chui, Prof. Yat-yin Lam</td>
<td>Kai Chong Tong, Postgraduate Education Centre</td>
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<tr>
<td>18-19 Apr 09</td>
<td>Whole day</td>
<td>CUHK-Mayo Clinic-Asia Cardiovascular Summit</td>
<td>Various</td>
<td>Postgraduate Education Centre</td>
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<tr>
<td>28 Apr 09</td>
<td>3:00pm – 9:00pm</td>
<td>Cardiac rehabilitation: An overview, Physiotherapy in cardiac rehabilitation, Psychological consequence of heart diseases and its impact on clinical outcomes: What can we do about it?</td>
<td>Dr. Leonard Li, Mr. Siu-on Lo, Prof. Doris Yu</td>
<td>Seminar Rooms 2-3, 1/F., Postgraduate Education Centre</td>
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**Notes:**
1. All classes will be held in the Prince of Wales Hospital, Shatin, N.T.
## Master of Science in Cardiology 2008-09

### THIRD TERM (4 May 09 – 18 Jul 09)

**Clinical Seminar I (CVS 7001)**

<table>
<thead>
<tr>
<th>Date</th>
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<tr>
<td>1 9 Jun 09 (Tue)</td>
<td>3:00pm – 6:00pm</td>
<td>Examinations of Basic Cardiology (CVS 5001) and Clinical Cardiology I (CVS 6001)</td>
<td>N/A</td>
<td>Seminar Rooms 1-3, 1/F., Postgraduate Education Centre</td>
</tr>
<tr>
<td>2 20-21 Jun 09 (Sat-Sun)</td>
<td>Whole day</td>
<td>Clinical Seminar I</td>
<td>Various</td>
<td>Shaw Auditorium, Postgraduate Education Centre</td>
</tr>
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