

課程名稱: 心血管疾病：從臨床到分子

(Cardiovascular Diseases: From Clinical to Molecular)

課程內容:

I. The basic of cardiovascular system

- i. Anatomy
- ii. Physiology
- iii. Hemodynamics

II. Current diagnostic tools used in cardiovascular diseases

- i. Anatomic evaluation
- ii. Functional evaluation

III. Pathophysiology of cardiovascular diseases

- i. Heart failure
- ii. Valvular heart diseases
- iii. Cardiomyopathy
- iv. Pericardial diseases
- v. Atherosclerosis
- vi. Coronary heart diseases
- vii. Aortic disorders

IV. The principle treatment of cardiovascular diseases

References:

1. Braunwald's heart disease : a textbook of cardiovascular medicine / edited by Douglas P. Zipes et al. Philadelphia, Pa. : Elsevier Saunders, 2005
2. Textbook of medical physiology / Arthur C. Guyton, John E. Hall Philadelphia : Elsevier Saunders, 2006
3. Journals: Circulation, N Engl J Med, JAMA, Atherosclerosis, Cardiovasc Res.....etc.