

Teaching topics : Cardiovascular system

Teaching outline :

Part I : The Blood Vascular System

- A. Vascular Wall Response to Injury
- B. Hypertensive Vascular Disease Arterial Diseases
- C. Arteriosclerosis
 - a. Arteriolosclerosis
 - b. Mönckeberg medial sclerosis
 - c. Atherosclerosis
- D. Aneurysms
 - a. Abdominal Aortic Aneurysm (AAA)
 - b. Thoracic Aortic Aneurysms
- E. Vasculitis
 - a. Immune complex-associated vasculitis
 - b. Giant cell (temporal) arteritis
 - c. Takayasu Arteritis
 - d. Polyarteritis Nodosa
 - e. Kawasaki (川崎) Disease
 - f. Churg-Strauss Syndrome
 - g. Granulomatosis with Polyangiitis
 - h. Thromboangiitis Obliterans
 - i. Disorders of Blood Vessel Hyperreactivity
 - j. Thromboangiitis Obliterans
- F. Vascular Tumors
- G. Vascular Ectasia
- H. Hemangioma
- I. Lymphangiomas
- J. Bacillary Angiomatosis
- K. Kaposi Sarcoma
- L. Angiosarcoma

Part II : The Heart

- A. Cardiac Hypertrophy
- B. Congestive Heart Failure (CHF)
- C. Obstructive Congenital Heart Diseases
 - a. Coarctation of the aorta
 - b. Aortic stenosis
 - c. Pulmonary stenosis
- D. Ischemic Heart Disease (IHD)
 - a. Angina Pectoris
 - b. Myocardial Infarction

- E. Arrhythmias
- F. Hypertensive Heart Disease (HHD)
- G. Valvular Heart Disease
 - a. Calcific Valvular Degeneration
 - b. Mitral Valve Prolapse (MVP)
- H. Rheumatic Fever (RF) & Rheumatic Heart Disease (RHD)
- I. Infective Endocarditis (IE)
- J. Carcinoid Heart Disease
- K. Cardiomyopathies
- L. Dilated Cardiomyopathy
- M. Hypertrophic Cardiomyopathy
- O. Cardiac Amyloidosis
- P. Myocarditis
- Q. Pericardial Disease
- R. Tumors of the Heart