

CARDIOLOGY ESSENTIALS AND CASE STUDIES

February 18-25, 2012

Faculty: William E. Lawson, M.D.

14 Credit Hours

Professor of Medicine

Director, Heart Center Outcomes Research

Director, Preventive Cardiology

Director, Interventional Cardiology Fellowship Program

Objectives: To provide the physician with a working knowledge of clinically relevant and up-to-date topics using a combined lecture and case study approach. This review will provide a practical overview of commonly encountered problems in clinical cardiology, focusing on prevention, diagnosis, and treatment. For each topic, cardiology essentials will be reviewed and illustrative cases explored and discussed. Participants will be invited to share their clinical experiences, concerns, and insights. Upon completion of the course, participants should be able to define treatment objectives of primary and secondary prevention based on clinical assessment; recognize non-traditional markers for coronary artery disease risk; describe differences in prevention, diagnosis, treatment in women; identify the indication, utility, and findings of non-invasive cardiac testing; describe the pathophysiology, diagnosis, and management of chronic and unstable coronary artery disease (including myocardial infarction and its complications); consider the appropriate use of medical treatment, catheterization, angioplasty and surgical revascularization in the management of coronary artery disease; interpret basic EKG abnormalities; recognize and treat common cardiac arrhythmias; understand the changing objectives of congestive heart failure treatment; diagnose and treat valvular heart disease, cardiomyopathies, pericardial disease, and non-cardiac vascular disease. Ideal candidates for this seminar include physicians as well as other health care professionals involved in the daily management of cardiac patients in the office, clinic, or hospital settings.

Program

Feb. 18	2:30-3:30 pm 3:30-4:30 pm	Primary Prevention of Coronary Artery Disease Secondary Prevention of Coronary Artery Disease
Feb. 20	4:00-5:00 pm 5:00-6:00 pm 6:00-7:00 pm	Emerging Risk Factors for Coronary Artery Disease Women and Heart Disease Diagnosis & Management of Coronary Artery Disease
Feb. 21	5:00-6:00 pm 6:00-7:00 pm	New Strategies in the Diagnosis and Treatment of Acute Coronary Syndromes Diagnosis and Treatment of Acute Myocardial Infarction and its Complications
Feb. 22	5:00-6:00 pm 6:00-7:00 pm	Advances in the Treatment of Congestive Heart Failure Interventional Cardiology: indications,, outcomes, new frontiers
Feb. 24	1:00-2:00 pm 2:00-3:00 pm 3:00-4:00 pm 4:00-5:00 pm 5:00-6:00 pm	Changes in Cardiac Surgical Revascularization EKG Review and Case Studies Diagnosis and Management of Valvular Heart Disease Cardiomyopathies & Pericardial Disease Diagnosis and Treatment of Non-Cardiac Vascular Disease