CARDIOVASCULAR FELLOWS’ BOOTCAMP

Hosted by DeBakey Institute for Cardiovascular Education and Training

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FRIDAY, AUGUST 15, 2014
3:00-5:00 P.M. - Registration (Phantom Ballroom) ■ 5:00-6:15 P.M. - Reception (Fountain/Ultimate Ransom rooms)

FRIDAY NITE LITES
6:25 P.M. Introduction 7:45 P.M. Ultrasound Principles
6:30 P.M. Risk Factors & Modifications 8:00 P.M. Radiation Safety
6:45 P.M. Atherosclerosis 8:15 P.M. Non-Invasive Vascular Testing
7:00 P.M. Peri-operative Testing & Risk Stratification 8:30 P.M. Vasospastic Disorders & Vasculitis
7:15 P.M. Coagulation, Platelets & Antiplatelet Therapy 8:45 P.M. Questions and Review
7:30 P.M. Basic Cardiac & Vascular Hemodynamics 9:00 P.M. Jeopardy

SATURDAY, AUGUST 16, 2014
6:30 A.M. - Breakfast

LOWER EXTREMITY ARTERIAL DISEASE
7:00 A.M. Lower Extremity Anatomy & Disease 9:15 A.M. Compartment Syndromes
7:15 A.M. Diagnosis & Imaging 9:30 A.M. Lower Extremity Aneurysms
7:30 A.M. Medical Management 9:45 A.M. Break
7:45 A.M. Wires, Catheters, Balloons, Stents 10:00 A.M. Neurovascular Anatomy, Physiology & Carotid Imaging
8:00 A.M. Bypass Grafts 10:15 A.M. Diagnosis & Medical Management of Stroke
8:15 A.M. Endovascular Interventions 10:30 A.M. Open Surgical Management of Carotid Stenosis
8:30 A.M. Open Interventions 10:45 A.M. Endovascular Management of Carotid Stenosis
8:45 A.M. Amputations 11:00 A.M. Carotid Body Tumors
9:00 A.M. Acute Limb Ischemia 11:15 A.M. Vertebral Artery Disease

RENAI ARTERY DISEASE
11:30 A.M. Anatomy & Physiology 12:15 A.M. Management of Renal Artery Aneurysms
11:45 A.M. Management of FMD 12:30 A.M. Lunch
12:00 P.M. Management of Atherosclerotic Renal Artery Stenosis

ABDOMINAL AORTIC ANEURYSM DISEASE
1:30 P.M. Anatomy & Physiology of the Aorta
1:45 A.M. Diagnosis & Imaging of Abdominal Aortic Aneurysm
2:00 A.M. Medical Management of Abdominal Aortic Aneurysm
2:15 A.M. Endovascular Management of Abdominal Aortic Aneurysms
2:30 A.M. Open Surgical Management of Abdominal Aneurysms

HEART FAILURE SESSION
1:30 P.M. Systolic Heart Failure
1:45 P.M. Diastolic Heart Failure
2:00 P.M. Biventricular Pacing
2:15 P.M. Support Devices
2:30 P.M. Transplant Evaluation, Follow-Up

RHYTHM
2:45 P.M. Anti-Arrhythmia Drugs in A-Fib
3:00 P.M. Atrial Fibrillation
3:15 P.M. Syncope
3:30 P.M. Pacemakers & ICDs
3:45 P.M. Interventions for Rhythm Control
4:00 P.M. Break

THORACIC AORTIC ANEURYSM DISEASE
2:45 P.M. Diagnosis & Imaging of Thoraco-Abdominal Aortic Aneurysm
3:00 P.M. Traumatic Aortic Injury
3:15 P.M. Endovascular Management of Thoracic Aortic Aneurysm
3:30 P.M. Open Surgical Management of Thoracic & Thoraco-Abdominal Aortic Aneurysm
3:45 P.M. Management of Aortic Dissection
4:00 P.M. Break

VENOUS DISEASE
4:15 P.M. Venous Anatomy & Disease
4:30 P.M. Diagnosis Management of DVT & PE
4:45 P.M. Management of Anticoagulation & Venous Thrombolyis
5:00 P.M. Diagnosis & Management of Varicose Veins
5:15 P.M. Diagnosis & Management of Deep Venous Incompetence
5:30 P.M. Ulcer Care
5:45 P.M. Diagnosis & Management of AVMs
6:00 P.M. Adjourm for the day

ISCHEMIC DISEASE
4:15 P.M. Diagnosis, Management of Acute MI
4:30 P.M. Acute Coronary Syndrome
4:45 P.M. Complications of MI
5:00 P.M. Coronary Artery Bypass
5:15 P.M. Secondary Prevention
5:30 P.M. Management of Angina
5:45 P.M. Imaging & Stress Testing
6:00 P.M. Adjourm for the day
SUNDAY, AUGUST 17, 2014
7:30 A.M. - Breakfast

CONCURRENT SESSIONS

VISCERAL ARTERY DISEASE
8:00 A.M.  Anatomy & Physiology
8:15  Diagnosis & Imaging of Visceral Artery Disease
8:30  Open & Endovascular Management of Occlusive Disease
8:45  Management of Visceral Artery Aneurysms
9:00  Break

THORACIC OUTLET AND UPPER EXTREMITY
9:15 A.M.  Anatomy & Physiology
9:30  Diagnosis & Imaging of TOS & Upper Extremity Disease
9:45  Head, Neck & Upper Extremity DVT
10:00  Management of Venous TOS
10:15  Management of Arterial TOS
10:30  Management of Upper Extremity Critical Limb Ischemia
10:45  Break

DIALYSIS ACCESS
11:00 A.M.  Anatomy & Physiology
11:15  Catheter Placement & Management
11:30  Fistula & Graft Placement
11:45  Management & Access Stenosis and Occlusion
12:00 P.M.  Management & Access Aneurysms & Infection
12:15  Management of Access STEAL
12:30  Questions & Review  |  Survey
12:45  Lunch & raffle draw  |  Adjourn

CARDIAC IMAGING
8:00 A.M.  Echo/Doppler
8:15  Nuclear
8:30  MRI & CT
8:45  Coronary Angiography
9:00  Break

STRUCTURAL HEART DISEASE
9:15 A.M.  Mitral Stenosis
9:30  Mitral Regurgitation
9:45  Aortic Stenosis
10:00  Aortic Regurgitation
10:15  Surgery for Valvular Disease
10:30  Adult Congenital 101
10:45  Break

MISCELLANEOUS
11:00 A.M.  IVUS & FFR
11:15  Critical Care Management of the Post-Op Cardiovascular Patient
11:30  Cardiopulmonary Bypass
11:45  DVT & PE
12:00 P.M.  Thoracic Aortic Aneurysm & Dissection
12:15  Complex PCI
12:30  Questions & Review
12:45  Lunch & raffle draw  |  Adjourn