MANAGING PATIENTS WITH PACEMAKERS AND DEFIBRILLATORS WORKSHOP AND POINT OF CARE ULTRASOUND WORKSHOP

THURSDAY, APRIL 30, 2020

The University of Texas MD Anderson Cancer Center
T. Boone Pickens Academic Tower
1400 Pressler Street
Houston, TX 77030
FCT3. Rooms 1,2,7,8

7:00 am Registration and Continental Breakfast

MANAGING PATIENTS WITH CIED/CRMD (PACEMAKERS AND DEFIBRILLATORS) IN THE OPERATING ROOM, INTENSIVE CARE UNIT AND EMERGENCY ROOM

8:00 am – Noon

Learning Objectives:

• Discuss the perioperative management of pacemakers during elective and emergency surgeries, as well as ethics and End-of-Life considerations in patients with CIED;
• Describe the design, functioning, and programming of implantable pacemakers and ICDs;
• Identify sources of electromagnetic interference (EMI) causing pacemaker malfunction;
• Explain examples of pacemaker related rhythm abnormalities in the perioperative period; and
• Appraise the role of magnets in the management of pacemakers and ICDs.

POINT OF CARE ULTRASOUND AND HEMODYNAMIC MONITORING WORKSHOP

1:00 pm – 4:00 pm

Learning Objectives:

• Describe basic assessment of cardiac ventricular function;
• Describe basic understanding and usage of ultrasound for evaluation of lung pathologies;
• Demonstrate Point of Care Ultrasound techniques;
• Learn to use ultrasound for vascular access;
• Practice on simulator and live models for cardiovascular imaging; and
• Understand the role of minimally invasive hemodynamic monitoring in goal directed fluid therapy and hemodynamic optimization.

A pre-and post-assessment will be performed to assess the quality and overall satisfaction of the attendees.
MANAGING PATIENTS WITH CIED/CRMD (PACEMAKERS AND DEFIBRILLATORS) IN THE OPERATING ROOM, INTENSIVE CARE UNIT AND EMERGENCY ROOM - HANDS-ON WORKSHOP
8:00 am – Noon

Program Chairs: January Tsai, MD; Shital Vachhani, MD

Presenters: Dilip Thakar, MD; January Tsai, MD; Shital Vachhani, MD; Kaveh Karimzad, MD; Darla Wagner, RN, BSN; Donelo Lopez, Jr.; Jean-Bernard Durand, MD; and Dereddi R. Reddy, MD

POINT OF CARE ULTRASOUND AND HEMODYNAMIC MONITORING WORKSHOP
1:00 pm – 4:00 pm

Program Chairs: Jagtar Singh Heir, DO; Wendell Hiebert Williams, MD

1:00  Point of Care Ultrasound
       Dilip Thakar, MD

1:20  Assessment of LV Function in ICU, TTE (FATE)
       Saamir Hassan, MD

1:40  Assessment of RV Function in ICU, TTE (FATE)
       Saamir Hassan, MD

2:00  Interesting Cases / Rescue TTE in ICU
       Jose Banchs, MD

2:20  Live Demonstration of POCUS
       Dilip Thakar, MD; Dereddi R. Reddy, MD

2:30 pm – 4:00 pm  Hands-On Ultrasound Workshop, POCUS & FATE

FATE
       Raja Rama Palvadi, MD; Sandeep Markan, MD; Olakunle Idowu, MD; Robert Wegner, MD

Self-Paced Workshop with Simulation (Heart Works)
       Manu Sethi, MBBS; Jagtar Singh Heir, DO; Tom Heintzelman, PhD

Ultrasound Guided Vascular Access
       Wendell Hiebert Williams, MD; Shital Vachhani, MD; Teresa Moon Calderon, MD

Live Models to Practice FATE
       John Barbee, AAS