

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



THURSDAY, APRIL 30, 2020

Maximum Attendance: 30

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.

WORKSHOP AGENDA

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