

PACEMAKER

7
CME
CREDIT HOURS

**EXPERIENCE AUGMENTED REALITY
SIMULATION LEARNING**

WORKSHOP

10th March 2018

Learning Hours: 9:00 am to 5:00 pm

FREE ONLINE ACCESS TO WORKSHOP CONTENT

11th March 2018 to 24th March 2018

Accredited by



PACEMAKER

Pacemaker course curriculum is offered as an online-blended learning format intended for Cardiologists, General Physicians, Cardiology Technicians, Telemetry Technicians, Nurses, Training doctors, and Medical Students. The course is designed to offer a comprehensive understanding of pacemaker and its constituents. The course consists of 15 highly conceptual modules discussing the fundamentals of pacemaker, its mechanism, pacing systems and its implements, functional constituents of a pacemaker, pacemaker implants and complications after pacemaker implantation. The course is offered in a blended format which included an online learning component and interactive hands-on workshop. The workshop will include review of the current practices in pacemaker technology with discussion and one-on-one Q and A sessions with the expert faculty. As this course is accredited by NHRA, the participants will be awarded with CME credit points on successful completion of the course.

Learning Objectives

1. Recall the anatomy and physiology of the normal heart
2. Understand the indications and utility of a cardiac pacemaker
3. Learn different types of pacing systems, functions, mechanism, characteristics and programming of pacemakers
4. Understand the coding system by which pacemaker modes are determined
5. Reflect on the complications of pacemaker implants

Key features

1. Content delivered by expert faculty in the field of Cardiology and Cardiac electrophysiology
2. Blend of online coaching with hands-on experience
3. Convenient 24/7 access to online content
4. User friendly learning platform available on all mobile devices

Course Outline

1. Cardiac anatomy and physiology
2. Basic terms and concepts
3. Basic functions of pacemaker
4. Basic principles of pacing
5. Pacemaker mechanism
6. Pacing modes
7. Leads
8. Pacing systems & Pacemaker timing
9. Characteristics & Programming
10. Pacemaker dynamics
11. Effect, follow up & functions of Pacemaker
12. Atrioventricular interval
13. Pacemaker Tachycardias
14. Treatment of Tachycardia
15. Complications of Pacemaker Implant

**BLENDED
LEARNING
WORKSHOP**



FACULTY

Dr Mohamed Ebrahim Mohamed Amin, MD, MRCP(UK), FHRS, CCDS, CEPS-AC
Cardiologist and Cardiac Electrophysiologist
Mohammed Bin Khalifa Bin Salman Al Khalifa Cardiac Centre,
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Speciality Area

Cardiology

Instructional Method

Online learning with hands on sessions

Type of Activity

Blended Learning

Duration

Workshop - 1 day (7 hrs)

Target audience

Cardiologists, General Physicians,
Cardiology Technicians, Telemetry technicians,
Nurses, Training doctors, Medical Students

Prerequisites

Basic knowledge of cardiac
electrophysiology is recommended

Venue

Bahrain Medical Society, Kingdom of Bahrain

COURSE FEE

BMS Members

BD 100

Non-BMS Members

BD 120

**Nurses/Students/
Training Doctors**

BD 60

