

INTRODUCTION TO CARDIAC CT WITH 50 CASES

LEVEL ONE COURSE



Wednesday 18/9/24 8:30-5 pm

Mercure St Paul's Hotel, Sheffield

Cost: £50 until 7 August

£100 from 8 August

Course Overview

This elementary study day is aimed at clinicians (Cardiologists, Radiologists, Nuclear Physicians) who have little or no prior exposure to Cardiac CT. There is no hands-on training as the aim is to provide basic knowledge about CT technique and introduce key concepts. The course material will cover the following topics using 50 case examples:

Indications for Cardiac CT, Cardiac Anatomy, technical principles including CT acquisition protocols, dose reduction techniques and basics of patient preparation and administration of beta blockers. Reporting of Cardiac CT including Calcium score, CADRADS scoring and the identification of non-coronary and extracardiac incidental findings, CT for TAVI workup will also be demonstrated.

This course will be a primer for candidates who want to learn the inherent principles of Cardiac CT and also facilitate those who want to proceed to formal accreditation.

Faculty:

1. Dr Mark Kon (Radiologist, Bradford Royal Infirmary)
2. Dr Aparna Deshpande (Radiologist, University Hospitals of Leicester)
3. Dr Sara Elfawal (Radiologist, University Hospitals of Leicester)

TIMETABLE

8.30-8.50: Registration & housekeeping

8.50-9.00: Introduction

9.00-9.20: Indications for Cardiac CT- NICE/Cardiologist view

9.20-10.00: Cardiac Anatomy

10.00-10.40: CT acquisition mode and dose reduction

10.40-11.00 BREAK

11.00-11.40: Patient prep and Beta blockers – How I do it

11.40-12.20: Calcium scoring

12.20-13.00: Reporting coronary artery disease - CADRADS

13.00-13.40 LUNCH

13.40-14.00: Valvular heart disease, Myocardial and Congenital disease

14.00-14.40: Grafts and Stents

14.40-15.00: Intracardiac masses, pericardial disease, incidental findings

15.00-15.20 BREAK

15.20-16.00: Acute aortic syndrome

16.00-16.40: TAVI

16.40-17.00: Accreditation