



Edinburgh Cardiac CT Course
Online Training Programme
Live course dates: 17-22 October 2021



About this course:

The on-line Edinburgh Cardiac CT Course is designed to deliver a comprehensive training curriculum including lectures and live hands-on training with full access to practice cases on advanced imaging software (Terarecon).

Course tutors will be available to provide group and when necessary, individual training supervision during the live training sessions.

We aim to review 150 cases of Cardiac CT angiograms and calcium scoring.

Computer and internet requirements:

- Access to Terarecon is made a computer with a standard broadband internet access. The software is accessed via a browser (eg. Goggle Chrome) and therefore works on both Mac and Windows based computers. The interface and functionality of the Terarecon software will be the same as a computer based installation.
- We will ask you to download the software that is used to access the Terarecon software and cases on cloud (instructions and log-in details will be provided).
- You will need to download Zoom application to your PC (free license is sufficient).
- Supervision will be delivered using Zoom. We recommend that you have an extra screen connected to your computer. We recommend that you have an extra device attached to Zoom (eg. a separate computer or an iPad/tablet).



Mandatory online (recorded) lectures and assessment:

- 1. Secrets of a good scan - Heart rate control (Dr Saeed Mirsadraee)*
- 2. Secrets of a good scan - CT Contrast*
- 3. Anomalies of Coronary Arteries (Dr Saeed Mirsadraee)*
- 4. Coronary artery calcium scoring (Dr Saeed Mirsadraee)*
- 5. Assessment of thoracic aorta (Dr Saeed Mirsadraee)*



Edinburgh Cardiac CT Course

Sunday 17 October 2021

Programme

08:00	Welcome
	<i>Morning session 1</i>
8:05-8:45	Cardiac CT: overview of the techniques and findings (Prof Edwin van Beek)
8:45-10:00	Anatomy of the heart on cardiac CT and systematic evaluation of CT coronary angiograms. (Dr Saeed Mirsadraee)
10:00-10:30	<i>Break</i>
10:30-14:00	Morning session 2 Controlling heart rate for CTCA (Dr Mohamed Basiony) Practical guide to the use of Terarecon application Hands-on case review (coronary artery calcium scoring: CS)
14:00 -16:30	<i>Afternoon session</i> Self directed practice with Terarecon



Edinburgh Level 2 Cardiac CT Course

Monday 18 October 2021

Programme

9:00-10:00	<i>Morning session 1</i> Anomalies of the coronary arteries (Dr Saeed Mirsadraee) Hands-on case review (anomalies)
10:00-10:30	<i>Break</i>
	<i>Morning session 2</i>
10:30-13:00	Assessment of bypass grafts (Prof Edwin van Beek) Hands-on case review (full assessment inc. CS and CTCA)
13:00 -14:00	<i>Lunch</i>
	<i>Afternoon session</i>
14:00 -16:30	Hands-on case review (Bypass Grafts)
17:00	<i>Finish</i>



Edinburgh Level 2 Cardiac CT Course

Tuesday 19 October 2021

Programme

8:00-9:00	Practice series cases (CS and cardiac/coronary assessment)
9:00 -11:30	<i>Morning session 1</i> Hands-on case review Practice series cases (CS and cardiac/coronary assessment)
11:30-12:00	<i>Break</i>
12:00-13:00	<i>Morning session 2</i> Assessment of Coronary Stents (Dr Michelle Williams) Hands-on case review (coronary stents)
13:00-14:00	<i>Lunch</i>
14:00 -17:00	<i>Afternoon session</i> Hands-on case review (CS and cardiac/coronary assessment)
17:00	<i>Finish</i>



Edinburgh Level 2 Cardiac CT Course

Wednesday 20 October 2021

Programme

9:00 -11:00	<i>Morning session 1</i> Use of CTCA in Guiding PCI (Dr Peter Henriksen) Hands-on case review
10:00-10:30	<i>Break</i>
10:30-13:00	<i>Morning session 2</i> Hands-on case review (CTCA with FFR correlation)
13:00-14:00	<i>Lunch</i>
14:00 -17:00	<i>Afternoon session</i> CT FFR and perfusion (Dr Saeed Mirsadraee) Hands-on case review (CTCA with FFR correlation) Hands-on case review
17:00	<i>Finish</i>



Edinburgh Level 2 Cardiac CT Course

Thursday 21 October 2021

Programme

Morning session

9:00 -10:00

Review of ScotHeart study (Prof David Newby)

Cardiac Tumours (Prof David Newby)
Hands-on case review (Cardiac Tumours)

10:15-10:30

Break

10:30-13:00

Hands-on case review (Cardiac Tumours, Mixed CTCA cases)

13:00 -14:00

Lunch

14:00 -17:00

Afternoon session

Hands-on case review (congenital anomalies, aortic diseases)

17:00

Finish



Edinburgh Level 2 Cardiac CT Course

Friday 22 October 2021

Programme

8:00 -10:15	<i>Morning session 1</i> Imaging for TAVI/TAVR planning (Dr Saeed Mirsadraee) Hands-on case review (aortic annulus sizing)
10:15-10:30	<i>Break</i>
10:30-13:00	<i>Morning session 2</i> Hands-on case review (practice series, mixed cases)
13:00 -14:00	<i>Lunch</i>
14:00 -16:00	<i>Afternoon session</i> Hands-on case review (practice series, mixed cases) <i>Question and answers, feedback</i>
16:00	<i>Finish (end of the course)</i>