

# Detailed Program

## Wednesday

|  |                 |   |
|--|-----------------|---|
|  | 8:00am          | Welcome   |
| Siemens<br>Heathineers<br>Training<br>Centre | 8:00am-9:00am   | 1) Cardiac Anatomy and Invasive Angiography (30 mins)<br><br>2) Clinical relevance of CTA and appropriate use (30 mins)   |
|  | 9:00am-9:30am   | 3) Cardiac CT acquisition details and physics of CT including collimation, temporal resolution, fields of view, window and level settings, pitch reconstruction, algorithms (15 mins) |
| <b>30 CASES</b>                              |                 | 4) Cardiac Workstation processing – syngoVia buttonology (15 mins)  |
|  | 9:30am-10:00am  | Interactive session – Introduction to workstation with mentored library cases and instruction on workstation including morning tea  |
|  | 10:00am-10:30am | 5) CT calcium scoring and risk assessment (30 mins)   |
|  | 10:30am-11:00am | 6) "How I Report - Follow the contrast" (30 mins)   |
|  | 11:00am-12:30pm | Interactive session with mentored library cases and instruction on workstation  |
|  | 12:30pm-1:30pm  | Lunch and Lecture<br>7) Patient selection, heart rate and optimisation<br>8) Coronary Anomalies and Fistulas  |
|  | 1:30pm-5:30pm   | Interactive session with mentored cases and instruction on workstation including afternoon tea  |
|  | 5:30pm-6:30pm   | 9) Stents and grafts (30 mins)<br>10) What's new FFR (30 mins)  |
|  | 6:30pm          | Course Dinner   |

## Thursday

Siemens  
Heathineers  
Training  
Centre

|                 |   |
|-----------------|---|
| 8:00am-10:30am  | Interactive session with mentored cases and instruction on work station                                       |
| 10:30am-10:45am | Morning Tea   |
| 10:45am-12:00pm | Interactive session with mentored cases and instruction on work station                                       |
| <b>35 CASES</b> | Lunch and Lecture<br>11) CTCA Accuracy and stenosis quantification<br>12) CTCA comparison with stress testing |
| 1:00pm-3:30pm   | Interactive sessions with mentored cases and instruction on workstations                                      |
| 3:30pm-3:45pm   | Afternoon Tea   |
| 3:45pm- 6:30pm  | Interactive sessions with mentored cases and instruction on workstations                                      |

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## Friday

Siemens  
Heathineers  
Training  
Centre

|                 |  |
|-----------------|--|
| 8:00am-10:30am  | Interactive session with mentored cases and instruction on work station  |
| 10:30am-10:45am | Morning Tea  |
| 10:45am-12:00pm | Interactive session with mentored cases and instruction on work station  |
| <b>35 CASES</b> | Lunch and Lecture<br>13) Understanding congenital heart disease through CT (30 mins)<br>14) "Non-coronary applications of cardiac CT" – including surgical applications and incidental cardiac findings 30mins |
| 1:30pm-4:00pm   | Interactive sessions with mentored cases and instruction on workstations   |
| 4:00pm-4:15pm   | Afternoon Tea  |
| 4:15pm-6:45pm   | Interactive sessions with mentored cases and instruction on workstations   |

## Saturday

Heartscan  
Australia  
Merrylands

7:45am-8:30am

Transit to Heartscan Australia – Merrylands

8:30am-12:30pm

Live scanning at Heartscan Australia Merrylands including morning tea

### 25 Live Cases

12:30pm – 1:30pm

Lunch and Lecture

14) Non Coronary, Non Cardiac Findings. Artefacts and Radiation Dose (30mins)

1:30pm – 4:30pm

Live scanning at Heartscan Australia Merrylands

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## Sunday 20th

Siemens  
Heathineers  
Training  
Centre

8:00am-12:00pm

Review of Live Cases and Reports including morning tea.

12:00pm-1:30pm

Review of Live Cases and Reports

1:30pm

Course in Review

**End of Course**

## Case reading Summary

| Wednesday | Thursday | Friday   | Saturday      | Sunday              |
|-----------|----------|----------|---------------|---------------------|
| 10 cases  | 15 cases | 15 cases | 25 Live Cases | 25 Live Case Review |
| 20 cases  | 20 cases | 20 cases |               |                     |

## Lecture List Summary

- 1) Cardiac Anatomy and Invasive Angiography (30 mins)
- 2) Clinical relevance of CTA and appropriate use (30 mins)
- 3) Cardiac CT acquisition details and physics of CT including collimation, temporal resolution, fields of view, window and level settings, pitch reconstruction, algorithms (15 mins)
- 4) Cardiac Workstation processing – SyngoVia Buttonology (15 mins)
- 5) CT calcium scoring and risk assessment (30 mins)
- 6) “How I Report” – Follow the contrast (30 mins)
- 7) Patient selection, heart rate and optimisation (30 mins)
- 8) Coronary Anomalies and Fistulas (30 mins)
- 9) Stents and grafts (30 mins)
- 10) CTCA Accuracy and stenosis quantification (30 mins)
- 11) CTCA comparison with stress testing (30 mins)
- 12) Understanding congenital heart disease through CT (30 mins)
- 13) “Non-coronary applications of cardiac CT” – including surgical application and incidental cardiac findings (30 mins)
- 14) Non coronary, non-cardiac findings, artefacts and radiation dose (30 mins)

