

One of Australia's
busiest Cardiac CT sites
Visit www.heartscaninstitute.com.au to read more.



HeartScan Institute

Join HeartScan Institute for a 5 day cardiac CT course with comprehensive lectures, interactive workstation sessions & live scanning.

This intensive 5 day Cardiac CT course is aimed at Cardiologists, Radiologists, Nuclear Medicine Physicians and Trainees.

Our course exceeds the ANZ conjoint committee CTCA course guidelines. This course will enable attendees to achieve maximal allowable cases (125 of 150 required) for ANZ Level A and full case load for SCCT Level 2 accreditation. 100 correlated Library cases are sourced from all vendors, with 25 live cases from the ultra low dose **SIEMENS DEFINITION FLASH CT** with interpretation on latest *syngovia* workstations.

Emphasis will be on manipulation of the source axial data set from any vendor CT to generate a report. Knowledge/ use of proprietary software/ workstations is not necessary.

2016 Course Details

COST: \$10,000+GST
(this includes daily lunch, morning and afternoon teas and course dinner)

When:
Mid-November, 2016

Limited places available.
Book now to secure your place

RANZCR has allocated at least 128.5 CME points for each course.

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HeartScan Institute Comprehensive Cardiac CT Training Course

5 day CTCA course complete
with interactive workstation
sessions & live scanning.

"This is the best workshop that I have attended so far. Congratulations. I have learned so much in the past 5 days. Thank you for your warm hospitality"

- July 2011 CTCA Course Delegate

Faculty

A clinical collaboration of highly experienced, well published and enthusiastic cardiologists and radiologists, all ANZ Level B and/or SCCT Level 3 accredited including:

- **Dr Clara Chow**, Head Cardiac Program, Cardiovascular Division Senior Lecturer, Sydney Medical School, University of Sydney Cardiologist, Westmead Hospital The George Institute for Global Health.
- **Dr Christian Hamilton-Craig**, Cardiologist. Centre of Excellence in Cardiovascular MRI, University of Queensland, Brisbane. Asst/Professor of Radiology, University of Washington, Seattle USA. Co-Chair Society of Cardiovascular Computed Tomography, ANZ.
- **Dr John O'Rourke**, Radiologist, Heartscan Australia, Heartscan Institute.
- **Dr Aravinda Thiagalingam**, Senior Lecturer, Sydney Medical School, University of Sydney, Staff Specialist, Cardiology Department, Westmead Hospital
- **International: Prof Dieter Ropers**, MD, FESC, FACC, Interventional Cardiologist, Vice-Chair at the Department of Internal Medicine, University of Erlangen, Germany. Prof. Ropers is founding member of the Society of Cardiovascular CT. He is Director and Co-Director of numerous CT courses in Erlangen as well as in the US, and now in Australia.

Register online at www.heartscaninstitute.com.au

Course Programme

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Wednesday Workstation: Library cases 32, Optional 7	7:30 - 8:00am	How to drive the workstation 2
	8 - 10am	Interactive session with mentored cases (2 hours / 8 cases)
	10 - 10:30am	Morning tea
	10:30 -12:30pm	Interactive session with mentored live cases (2 hrs/ 8 cases)
	12:30 - 1:30pm	Lunch and Lecture - <i>How I report a CTCA and Comparison with other modalities (CH)</i> 30mins
	1:30 - 3:30pm	Interactive session and mentored cases (2 hrs/ 8 cases)
	3:30 - 5:30pm	Interactive session and mentored cases (2 hrs/ 8 cases) <i>More CAD, difficult cases</i>
	5:30 - 7pm	OPTIONAL Free workstation time/ Taped "live" cases (7 cases)
Thursday Workstation: Library cases 38, Optional 6	7:30 - 10am	Interactive sessions and mentored cases (2.5 hrs/ 10 cases) <i>Non-coronary, non-cardiac, more CAD</i>
	10 - 10:30am	Morning tea
	10:30 - 12:30pm	Interactive sessions and mentored cases (2 hrs/ 8 cases) <i>Great cases</i>
	12:30 - 1:30pm	Lunch and Lecture (1 hr) <i>CTA in stents and CTA in CABG</i>
	1:30 - 3:30pm	Interactive sessions and mentored cases (2 hrs/ 10 cases) Afternoon tea on the fly
	3:30 - 5:30pm	Interactive sessions and mentored cases (2 hrs/ 10 cases)
	5:30 - 6:30pm	OPTIONAL Free workstation time/ Taped "live" cases (6 cases)
	7:30pm	Course dinner - Aria Restaurant, Sydney.
Friday Workstation: Library Cases 32, Optional 5	8 - 10:30am	Interactive sessions and mentored cases (2.5 hrs/ 10 cases) <i>CAD - Grafts, stents</i>
	10:30 - 11 am	Morning tea
	11 - 1pm	Interactive sessions and mentored cases (2 hrs/ 10 cases)
	1 - 2pm	Lunch and Q & A review session
	2 - 3:30pm	Interactive sessions and mentored cases (1.5 hrs/ 6 cases) Afternoon tea on the fly
	3:30 - 5:30pm	Interactive sessions and mentored cases (2 hrs/ 6 cases)
	5:30 - 6:30pm	OPTIONAL Free workstation time/ Taped "live" cases (5 cases)
		Course end
Saturday Live case attend 25	8am - 9am	Welcome <i>Cardiac CT as a modality (30 mins)</i> <i>Cardiac CT - appropriate use (30 mins)</i>
	9 - 12:45pm	Live case demonstration (13 cases) incl morning tea
	12:45 - 1:45pm	Lunch and Lectures <i>Cardiac CT acquisition - details and Physics of CT including, collimation, temporal resolution, fields of view, window and level settings, pitch, reconstruction algorithms (30 mins)</i> Patient preparation and selecting the appropriate protocol (including heart rate control and AF) (30 mins)
	1:45 - 4:45pm	Live case demonstration (12 cases) incl Afternoon tea
	4:45 - 5:45pm	<i>Radiation exposure - including calculation of total radiation dose, comparative doses with other examinations, methods to minimise radiation and radiation hazards (30 mins)</i> <i>CT Calcium scoring and risk assessment (30 mins)</i>
	5:45pm	Drinks and close
Sunday Live case review 25 Workstation: Library cases 6, Live review 20. Optional 7	8:30am - 10:30am	How to drive the workstation - the basics part 1 (30 mins) AND Interactive session with mentored cases and instruction on work station (CC) <i>Normal cases, artifacts, plaque types (2 hours/ 6 cases). Angiographic-correlation cases (basic caths for radiologists) case demonstration</i>
	11:00 - 1:00pm	Review of and manipulation of Live cases (10 cases)
	1:00 - 2:00pm	<i>CT in acute chest pain (30 mins)</i> <i>CTA in EP planning (30 mins)</i>
	2:00 - 4:30pm	Review of and manipulation of Live cases (15 cases)
	4:30 - 5:30pm	<i>Cardiac anatomy - coronaries, anomalous coronaries, non-coronary findings (30 mins)</i> <i>CT and myocardium (stress, late enhancement, dual energy, perfusion) (30 mins)</i>
	5:30pm	Drinks and close
	5:30 - 7pm	OPTIONAL Free workstation time/ Taped "live" cases (7 cases)