

# Level A Cardiac CTA Training

on Aquilion ONE *PRISM* Edition

- 1:1 physician to workstation ratio
- CSANZ Level B faculty
- Learn on Vitrea and Aquilion ONE *PRISM*

## SIX DAY COURSE

Our six day training course is designed for cardiologists and radiologists who desire an in depth knowledge of cardiac CTA. The course is based on our systematic review methodology, designed to increase your reading confidence and decrease your read time. The six day course includes 150 cases (with 25 live cases within this).

## FOUR DAY (REFRESHER) COURSE

Our four day training course is designed for cardiologists and radiologists who desire cases for recertification. The four day course includes 100 cases (no live cases).

## THE COURSE

The Victorian Heart Hospital in collaboration with the Victorian Heart Institute will be providing their cardiac CT course in May 2024. The course will take place in the luminary site cardiac CT facility at the Victorian Heart Hospital.

The course will be taught by highly experienced Australian Level B accredited faculty led by - A/Prof Sujith Seneviratne and A/Prof John Troupis.

The course will include exposure to and experience in cardiac CT imaging, coronary artery disease with catheter correlation, congenital heart disease and acquired non-coronary artery disease.

All live cases will be on a Canon Medical 320-slice Aquilion ONE *PRISM* Edition CT scanner. Each participant will work independently on their own state-of-the-art, dedicated cardiac CTA 3D Vitrea workstation.

## EDUCATIONAL OBJECTIVES

- Observe live cardiac scans from patient entry through diagnosis and report.
- Review CT image components, formation, and processing.

- Discuss clinical issues including patient safety, pre-medication, radiation exposure, contrast delivery and reactions.
- Review how to use a 3D workstation to review and interpret cardiac CT images.
- Awareness of the sensitivity, specificity, and positive and negative predictive values of cardiac CT.
- Awareness of the clinical indications and appropriateness of cardiac CT.
- Learn how to comprehensively assess a wide variety of cases on the 3D workstation and recognise varied pathology by CT.
- Basic understanding of the use of Cardiac CT in Percutaneous AV treatment (TAVI/ TAVR)

## COURSE DETAILS

Six day course  
27 May - 1 June 2024  
8:30am - 5:30pm  
\$10,000 (AUD) plus GST


Four day course  
29 May - 1 June 2024  
8:30am - 5:30pm  
\$5,000 (AUD) plus GST

Victorian Heart Hospital (VHH)  
631 Blackburn Rd,  
Clayton VIC 3168

## REGISTER

 <https://bit.ly/MonashCTCACourse>

## CONTACT

Monash Victorian Heart Institute  
 [vicheartinstitute@monash.edu](mailto:vicheartinstitute@monash.edu)



**“The VHH is one of the busiest cardiac CT centres nationally and internationally (over 3,800 cases per year) and offers high volume coronary CT and paediatric and adult congenital cases.”**

Recent notable publications:

Lin, A., Manral, N., McElhinney, P., Killekar, A., Matsumoto, H., Kwiecinski, J., Pieszko, K., Razipour, A., Grodecki, K., Park, C. and Otaki, Y., 2022. Deep learning-enabled coronary CT angiography for plaque and stenosis quantification and cardiac risk prediction: an international multicentre study. *The Lancet Digital Health*, 4(4), pp.e256-e265.

Kiran Munnur, R., Andrews, J., Kataoka, Y., Psaltis, P.J., Nicholls, S.J., Malaipan, Y., Seneviratne, S., Cameron, J.D. and Wong, D.T., 2019. Serial Coronary Plaque Assessment Using Computed Tomography Coronary Angiography: A Comparison With Intravascular Ultrasound. *Circulation: Cardiovascular Imaging*, 12(3), p.e008404.

Lin, A., Nerlekar, N., Rajagopalan, A., Yuvaraj, J., Modi, R., Mirzaee, S., Munnur, R.K., Seckington, M., Doery, J.C., Seneviratne, S. and Nicholls, S.J., 2019. Remnant cholesterol and coronary atherosclerotic plaque burden assessed by computed tomography coronary angiography. *Atherosclerosis*, 284, pp.24-30.