



Cardiac CT and Cardiac MRI

4ways offers a cardiologist-led remote reporting service for advanced cardiac imaging

Where available, advanced cardiac CT and cardiac MR modalities have the potential to transform the patient care pathway. Reducing the steps required to reach an accurate diagnosis, these non-invasive techniques are more sensitive and more precise than other diagnostic methods and can save valuable time and money.

Cardiac MR imaging is in increasing demand from referring teams because it is now the gold-standard diagnostic tool for patients with cardiomyopathy, ischaemia and congenital heart disease. Similarly, there has been a 7-fold increase in requests for cardiac CT for coronary assessments since the introduction of the updated NICE guidance¹ in 2016.



4ways provides a flexible, timely, high-quality processing and reporting service for cardiac CT and cardiac MR imaging.

Using Circle cardiovascular imaging software for viewing processed cardiology images, our experienced level-3 accredited practitioners offer a comprehensive cardiac reporting consultancy service that includes:-

- + primary reporting of cardiac CT and cardiac MR scans
- + second reads for complex scans and suspected congenital heart disease
- + advice on scan protocols
- + image parameter optimisation
- + new service set-up
- + image quality and reporting audit
- + audit for individual certification and lab accreditation

Reference 1. National Institute of Healthcare Excellence (NICE) clinical guidelines on Chest pain of recent onset: assessment and diagnosis (CG95).



How 4ways' cardiac CT reporting can improve patient throughput in your service

Computed Tomography Coronary Angiography (CT-CA) is the first-line investigation for patients with stable chest pain if clinical assessment indicates angina, or chest pain with underlying coronary artery disease.¹

- + 15-20 minutes patient preparation, where the consultant radiologist or cardiologist administers beta-blocker.
- + throughput can be further enhanced by delegating parts of the process to appropriately trained staff such as a Senior Registrar, Specialist Cardiac Nurse or Specialist Cardiac Radiographer.
- + 10-15 minutes scanning, including the time helping the patient on and off the table.
- + reporting is then undertaken by the 4ways consultant to the agreed turnaround time while the patient is recovering.

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With customised turnaround times and pricing to suit your budget

You can improve the efficiency of your diagnostic chest pain service by accessing the services of our experienced cardiac reporting consultants.

4ways can contribute to the capability and expansion of your cardiac CT diagnostics by reporting on scans with complex or suspected congenital findings and aortic arch assessments.

Using the 4ways cardiac reporting service, your staff members will have more time for additional scanning lists, reporting a wider variety of scans and training or supervising junior doctors.

Flexible workflow and protocols:-

- + Cardiac CT (C-CT)
- + C-CT calcium score
- + C-CT coronary angiography +/- graft/bypass
- + C-CT angiography of aorta, aortopathy, coarctation
- + Congenital C-CT angiography
- + Cardiac MR (C-MR)
- + C-MR LV and RV volume, function and viability
- + C-MR stress perfusion, LV function and viability
- + C-MR angiography of aortic arch and branches
- + C-MR with Qp:Qs flow
- + Congenital C-MR, RV, LV, flow and angiography

Contact 4ways for more information on super-specialist cardiac CT and cardiac MRI reporting and auditing services