

Cardiac Radiology



The EP division works closely with the Cardiac Radiology team as part of a multidisciplinary effort towards providing the patient with the best line of management. The Department of Radiodiagnosis under the division of Clinical Radiology has the state-of-the-art imaging equipment including three MRI scanners (one 3T and two 1.5 T scanners), three CT scanners (64 slice MDCT scanner, 32 slice MDCT scanner, 16 slice MDCT scanner), digital radiography, fluoroscopy and ultrasound machines. Two more MRI scanners and two CT scanners are expected to start functioning with the expansion of the present campus and development of Kanigapuram campus soon.

The sub speciality of Cardio-thoracic imaging has qualified and trained cardiothoracic radiologists, to cater to the large volume of cardiothoracic cross-sectional imaging [approximately 14000 (thorax) and 1800 (cardiac) CT & MRI

studies per year]. Dedicated imaging of the heart and coronary arteries including CT coronary angiogram, CT cardiac for various congenital and acquired heart diseases, preplanning CT for TAVI, MRI cardiac studies for both congenital and acquired conditions including viability, adenosine stress test and cardiomyopathies. Routine and advanced sequences including phase contrast flow analysis, MR angiogram, late gadolinium enhancement, T2* mapping, T1, T2 and ECV mapping are also performed. In the domain of thorax imaging, HRCT thorax, Contrast enhanced CT thorax, CT pulmonary angiogram, MRI thorax including cine MRI are routinely performed.

The permanent faculty of this team include Dr Elizabeth Joseph, Dr Aparna Irodi, Dr Leena RV apart from other trained junior consultants, fellows, senior residents and postgraduates.





