

# Rajiv Gandhi University of Health Sciences, Karnataka

## Fellowship Examination – 23-Aug-2024

**Time: Three Hours****Max. Marks: 100 Marks**

### **NON-INVASIVE CARDIOVASCULAR IMAGING - PAPER – II**

#### **QP Code: 4325**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

**Answer All The Questions****10 X 10 = 100 Marks**

1. Role of CMR in peripartum cardiomyopathy.
2. Imaging algorithm in a patient suspected to have COVID -19. Enumerate the cardiovascular complications of COVID-19 and role of imaging in these cases.
3. Imaging evaluation of chest pain in a patient post coronary artery bypass graft.
4. Role of imaging in left ventricular diastolic dysfunction.
5. Imaging assessment of carotid artery stenosis.
6. BLUE protocol in ultra sonographic lung evaluation.
7. Discuss safety protocols in the CMR suite with respect to magnetic fields, contrast agents and contraindications.
8. CMR of myocardial infarction, scarring and viability assessment.
9. Utility of 4D flow in CMR.
10. CT and MRI in post TAVI complications.

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