

Rajiv Gandhi University of Health Sciences, Karnataka

Fellowship Examination - 17-Feb-2023

[Time: 3 Hours]**[Max. Marks: 100]****PAEDIATRIC CARDIAC SURGERY - PAPER – II****QP Code: 4204**

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. Scimitar syndrome – Anatomy, clinical features, diagnosis, surgical treatment and outcomes.
2. Atrial septal defects a) Complication of device closure b) complication of device closure c) Complication of surgical closure
3. Clinical presentation, diagnosis, preoperative optimisation, surgical treatment and complications of obstructed infra cardiac TAPVC.
4. What are the postoperative complications that can be encountered after complete AVCD repair and discuss its management?
5. What are the indications to approach a PDA through the midline? Describe the surgical steps and conduct of CPB in the closure of calcified ductus. Mention the principles of management of calcified ductus detected after thoracotomy.
6. Describe the pathophysiology and timing of intervention of Tetralogy of Fallot with absent pulmonary valve. Discuss the principles of surgery in an infant with TOF with absent pulmonary valve.
7. Short note : a) 2 Ventricle vs 1 ½ Ventricle Repair b) Factors influencing decision between Fontan versus intracardiac biventricular repair
8. Types of tricuspid atresia. Discuss the treatment plan for a 2-month-old infant presenting with tricuspid atresia + VSD + PS in cyanotic spell.
9. Classify interrupted aortic arch. Discuss the clinical presentation, evaluation and surgical management of type A IAA.
10. What are the types of congenital mitral valve disease? What are the components of shone complex and your management plan for a 5-year-old child diagnosed with the same.

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