

Rajiv Gandhi University of Health Sciences, Karnataka

Fellowship Examination – 22-Aug-2024

Time: 3 Hours**Max. Marks: 100**

INTERVENTIONAL NEPHROLOGY - PAPER – I

QP Code: 4383

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. Arterio venous access surgery
 - a. Tools
 - b. Technique
 - c. Pitfalls – complications and managing them
 - d. Forearm basilic vein AVF
2. Vascular ACCESS SURVEILLANCE & MONITORING
 - a. Vascular access examination
 - b. Role of access surveillance
 - c. Tips, Tools and emerging concepts of access surveillance
3. Failure to mature AVF-Management
 - a. Definition
 - b. Endovascular
 - c. Surgical
4. Large Fistulas : Management of size and Outflow
 - a. Flow reduction surgery and Aneurysmoplasty
 - b. Endovascular Management of Large Fistulas
5. How do we make the procedures safe and clean?
 - a. Steps of Antisepsis
 - b. Role of Sterile Ultrasound Gel
 - c. Novel Antiseptics and delivery systems
6. Salvage of failing access techniques
 - a. Codigo Fistula
 - b. Percutaneous Technique
 - c. Is there a role for surgery
 - d. Cost-effectiveness of vascular access salvage
7. Drug coated balloons:
 - a. Types
 - b. Indications
 - c. Techniques of usage
 - d. Trials on DCB
8. Tunneled catheter insertion
 - a. Steps of insertion
 - b. Preserving the vascular real estate
 - c. Complications
 - d. Unconventional TCCs
9. Heart and circulation in CKD patients
 - a. Cardiac changes after access creation
 - b. High flow AVF and cardiac effects
 - c. Algorithm of access selection in ESRD patients
10. Ultrasound guided endovascular interventions
 - a. Basics of Ultrasound from interventional perspective
 - b. Tools
 - c. Technique
 - d. Pitfalls Complications and managing them

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