

Rajiv Gandhi University of Health Sciences, Karnataka

Fellowship Examination – 16-Feb-2023

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

LIVER TRANSPLANT AND HPB SURGERY – PAPER-I

QP Code: 4225

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. A 55 year old male with NASH related DCLD underwent deceased donor liver transplantation. Intra-operatively there was 8 litres blood loss, coagulopathy needing placement of packs. Post operatively enzymes showed a continuous increasing trend (Peak AST/ALT=12445/9435). ABG shows metabolic acidosis with lactate>15, for which CRRT was started. USG Doppler was normal. Outline the possible causes and further management protocol.
2. Outline the management of acute cellular rejection following liver transplantation.
3. Long-term consequences of immunosuppression.
4. Outline the strategies which can be used to increase the donor pool for liver transplantation.
5. Hypothermic oxygenated machine perfusion (HOPE) in liver transplantation.
6. Molecular and cellular basics of liver failure and its implications.
7. Pre transplant cardiac evaluation of a listed patient for liver transplantation.
8. Clinical nurse co-ordinator in liver transplantation – role and expertise.
9. Portal vein thrombosis and its implication in liver transplantation. What intraoperative strategies can be used for low flow in the portal vein during liver transplantation?
10. Enlist the complications and peri-operative/long term outcomes following a liver transplantation.

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