

(Annexure -1)
Syllabus for training of transplant coordinators

Section -I

Human organ transplantation Acts and organ allocation guidelines

1. Human organ transplantation guidelines
2. Amendments of organ and tissue transplantation act and rules
3. Organ allocation Guidelines
4. Medico legal aspects of deceased donor transplant
5. Panchnama of a brain death donor
6. Jeevandan WEBSITE

Section -II

Nerosciences

1. Dr. Ramesh Neurology Anatomy and Physiology of Brain
2. Crania Nerves and brain stem reflexes
3. Brain Death and cardiac death
4. Brain death certification

Section -III

Kidney Transplantation

Anatomy and Physiology of Kidney
Acute kidney injury
Chronic kidney disease
Peritoneal dialysis
Hemodialysis
Live renal transplant
Deceased donor renal transplant
ABO incompatible transplant
Lymphocyte cross match
Immunosuppressive Medication in renal Transplantation
Basics of renal transplant surgery
Surgical Complications of Kidney transplantation
Medical Complications of Kidney Translation

Section -IV

Tissue transplantation

- Basics of eye donation
- Skin transplantation
- Transplantation of cardiac valves
- Bone transplantation
- Cartilage transplantation
- Vascular graft transplantation
- Other tissue transplantation

Section -V

Liver and pancreas transplantation

- Anatomy and physiology of liver and pancreas
- Acute and Chronic liver diseases
- Indications of liver transplant
- Indications of pancreas transplant
- Islet cell transplant
- Live and deceased donor liver transplantation
- Basics of liver transplant surgery
- Complications of liver transplantation
- Immunosuppressive Medication in Liver

Section -VI

Intensive care

- Ventilator care
- Advanced life support system
- Maintenance of a brain death donor
- Anesthetic care of Brain death donor
- Pharmacotherapeutic agents

Section -VII

Heart and Lung

- Anatomy and physiology of Heart
- Anatomy and physiology of Lung
- Heart failure and indications of heart transplantation
- Indications of Lung transplantation
- Basics of Heart transplantation

Basics of Lung translation
Complications of Heart Transplantation
Complications of Lung Transplantation
Immunosuppressive Medication in heart and lung Transplantation

Section -VIII

Counseling

Grief counseling of Donor Family- Mohan foundation
Psychological issues of a patient with chronic diseases
Recipient counseling
Coordination donation
Recipient work up for organ transplantation-
Organ Harvesting
Organ preservation solutions
Organ preservation techniques
Organ transportation
Follow-up of transplanted patient

Section - IX

Multi-organ transplantation

Kidney and pancreas
Kidney and liver

Section -X

BLS and ALS workshops