



MAHATMA GANDHI INSTITUTE OF MEDICAL SCIENCES, SEVAGRAM

Teaching on the Medical, Legal, Ethical and Social Issues involved in organ transplantation.

Organ transplantation is a complex issue which is taught during different phases of MBBS course in the institute.

The students are taught regarding immunological basis and mechanisms involved in the process of transplantation in Pathology during II MBBS. They are also explained about mechanisms and morphological changes associated with organ transplant rejection. The students are also made aware about the special features of bone marrow transplant. They are informed about various tests that are undertaken for cross matching between donor and recipient and how to increase graft survival during their lectures in Pathology.

Principles of immunosuppressive therapy are covered in Pharmacology

The actual process of organ transplantation such as indications, surgical principles, and management of organ transplantation is covered during the clinical teaching especially in the Department of Surgery. They are also taught to counsel patients and relatives on organ donation in a simulated environment through role plays

In the new CBME curriculum, organ transplantation is covered in the AETCOM module and is taught by the Department of Forensic Medicine. The legal and ethical issues concerning organ donation are discussed with undergraduates. The salient features of the Organ Transplantation and the Human Organ Transplant (Amendment) Act 2011 are taught and ethical issues regarding organ donation are debated and discussed.

The Department of Community Medicine will also be discussing laws pertaining to the Human Organ Transplantation Act and its implications with the new CBME batches according to the NMC curriculum.

The legal, ethical and social issues related to organ transplantation are covered in a multidisciplinary symposium with the involvement of the Departments of Surgery, Pathology, Pharmacology, Forensic Medicine and Community Medicine once for a batch in the final year of their curriculum.