

MIMER MEDICAL COLLEGE - TALEGAON (D)

Instructional sessions for students on the Medical, Legal, Ethical and Social Issues involved in organ transplantation

Phase wise Structured Program

(Our institute is neither retrieval nor a transplant center. Lectures are conducted for students to make them aware of Medical, Legal, Ethical and Social Issues involved in organ transplantation)

1st MBBS

Anatomy Department

- Interactive session on **Organ Donation** to assess students' knowledge and sensitize them for the concept.
- A movie "**Phir Zindagi**" is shown to the students to give orientation about all aspect of Organ Donation especially social aspects.
- A poster competition is organized to make them study, express their views and understanding of the subject.

2nd MBBS

FORENSIC MEDICINE DEPARTMENT

- Medicolegal and ethical issues in organ donation are discussed through didactic lectures.
- Students are introduced to The act "The Transplantation of Human Organ & Tissues Act" (THOTA), 1994.
- In India, organ donations are legal under the Transplantation of Human Organs Act (THOA), 1994, that also legalises the concept of 'brain death', a permanent cessation of all brain functions. In brain death, a person cannot sustain life, but vital body functions can be maintained in an ICU. Such patients are kept on artificial life support so that the organs are in a healthy condition. Brain death is not the same as coma, which is a state of deep unconsciousness where the brain continues to function without external help. In India, a panel of doctors examines the and conducts a series of tests before declaring the patient as brain dead.

PHARMACOLOGY DEPARTMENT

- Lecture on principles of immunosuppressive therapy for organ transplantation.
- Classical systemic manifestations of rejection, such as malaise, lethargy, apathy, general weakness, vague discomfort, increase in body weight, swelling of graft with tenderness, were all more mild and less frequent in the cyclosporin-A-treated group.

MICROBIOLOGY DEPARTMENT

- Lecture on immunological basis of organ transplantation.

The immune system plays a critical role in transplantation. The intensity of the immune response against the organ or tissue, also commonly referred to as the graft, will depend on the type of graft being transplanted and the genetic disparity between the donor and recipient.

3rd MBBS Minor

- Ophthalmology Department
 - Lecture & movie clip on corneal transplantation
 - Poster competition to enhance the involvement of the students in the topic
- Community Medicine Department
 - Lecture on organ transplantation awareness
 - Community Outreach Programme on organ transplantation
 - 13th August observed as a World Organ Donation day and various activities for the same are conducted by Community Medicine department

3rd MBBS Major

Lectures on:

➤ Medical Issues

1. The compatibility issues between the donor and the recipient
2. The medical and mental fitness of both the donor and the recipient
3. The issues of organ rejection post-transplant and the measures taken to decrease them
4. Issues important for related, unrelated donors, deceased donor etc.

➤ Ethical and Social Issues

1. Separate authority gives permission to minimize these issues
2. Ethical challenges with regenerative medicine
3. How the racial, gender and class inequalities giving rise to sale of organs?

➤ Surgical Issues

1. Organ retrieval
2. Organ transport after retrieval- Green corridor
3. Organ Transplant


PRINCIPAL
MIMER MEDICAL COLLEGE
TALEGAON DABHADE
PUNE -410507