

SEMINAR 6

ETHICAL PROBLEMS OF RESEARCH AND HUMAN EXPERIMENTATION. ORGAN TRANSPLANTATION.

Objective of the seminar 6:

To enable the students to understand the ethical problems facing transplantation from living donor and from cadavers and to provide students with a guiding framework for thinking about the ethical dilemmas of human experimentation.

Enabling objectives:

At the end of the seminar the students should be able to:

1. Answer the question why experiments and trials on human beings are necessary.
2. Enumerate the objectives of human experimentation.
3. Determine ethical problems related with involving some particular groups of people in experiments - children, pregnant women, nursing mothers, mentally ill, subordinate persons, prisoners.
4. Enumerate the main principles of human experimentation according to declaration of Helsinki.
5. Discuss general ethical problems of transplantation and special ethical problems of foetal tissue transplantation, living and cadaver donation.

Syllabus of the seminar:

1. Ethical aspects of human experimentation:
 - A. Types of human experimentation – therapeutic and non-therapeutic biomedical research.
 - B. Necessity of human experimentation and objectives.
 - C. Main ethical requirements in human experimentation.
 - D. Ethical problems of human experimentation in particular groups of people.
 - E. Declaration of Helsinki.
2. Ethical questions of tissue and organ transplantation :
 - A. Types of transplantation.
 - B. Ethical questions of living organ and tissue donation.
 - C. Ethical aspects of organ transplantation from cadavers.

Practical work:

1. Discussion of case vignettes.
2. Discussion of *declarations of Helsinki*.

Required previous knowledge:

- Readings in Bioethics. Silviya Aleksandrova-Yankulovska. Publishing Centre of Medical University of Pleven, 2016, **pp. 157-214**
- Lecture material.