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Тезис

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**Ethics of Xenotransplantation***ГБОУ ВПО Саратовский ГМУ им. В.И. Разумовского Минздрава России, кафедра иностранных языков**Научный руководитель: к.псх.н., Веретельникова Ю.Я.*

Ксенотрансплантация, являющаяся наукоемкой технологией, порождает целый ряд нравственных проблем и может представлять опасность для общества.

**Importance.** Extensive research in xenotransplantation is being propelled by the critical shortage of allotransplants. This is a doubtful problem partly because of the lack of agreement among bioethicists and partly because it raises a wide range of ethical issues.

**Goal.** An obvious difficulty is to decide which framework of applied philosophy should be adopted. The approach is to examine appropriate arguments within a variety of possible frameworks.

**Methods and material.** At first, the public health risk that xenotransplantation might create a new infectious disease epidemic represents a major ethical concern and widespread discussion. So there is tremendous hesitancy in allowing any procedure that might lead to new human infections. By regulating xenotransplants, scientists will provide a framework for collecting safety data and tracking patients' health. The process should involve open and public discussion by scientists about their experiments, and their patients to understand the risks and make informed decisions.

The xenotransplantation also aims to abandon the sale of human organs. Beside this, many cultures reject the acceptability of human transplants.

Everyone agrees that welfare considerations need to be taken into account when deciding whether, and if so how, sentient animals should be used for human ends. It raises the problem of self-consciousness and perception of pain among animals.

Further, many evolutionary biologists and philosophers are concerned on the disappearance of the barrier between humans and other animals during the transplantation of genes.

**Conclusion.** Summing up, the spread of transplantation, and the discovery of new sources of organs such as animals, have created some ethical problems. The resolve of this problem is divided into two main parts: the state of the medical art of xenotransplantation, and the ethical aspects performed upon it.

**Key words:** xenotransplantation, sentient animals, new sources