

Organ Transplantation

Nelson: Section 3.7 Page 96-97

Organ transplants from deceased donors are more common than from living donors, in part because there are only a few organs that living donors can donate.

The greatest risk of organ donation is rejection.

Xenotransplantation must be used because of lack of human donors?

Transplanting organs from one species to another is called xenotransplantation.

Compare and contrast the benefits and risks associated with organ transplantation.

The benefits include the following: the recipient is often able to live a normal, healthy life, the donor has the satisfaction of having helped to save a life, and society has gained a lot of knowledge through the performance of these procedures. The risks include rejection by the recipient's immune system and infection due to a repressed immune system caused by the necessary drugs that often follow these procedures.

Pros and cons of organ transplantation:

Pros	Cons
saves lives	expensive
usually no harm to donors	risky
technology less invasive	often not successful
	can harm donors
	prevents other technologies from being used

savepaper.com