



## Xenotransplantation

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- **Xenotransplantation is the process of grafting or transplanting organs or tissues between members of different species.** Animal tissues or organs are transplanted into humans in this.
- Transplantation of cells and tissues from other organisms into humans **may be helpful in the treatment of diabetes and neurodegenerative diseases.** This can also tackle the issue of low availability of human organs.
- Recently, the University of Maryland School of Medicine, successfully transplanted a genetically modified pig's heart into a person with arrhythmia. This disease affects the human heart rate.
- If this is found to be consistent over a long period of time, it may help in elective organ transplantation in patients with severe disease. **Xenotransplantation in humans was first done in the 1980s.**

X



क्योंकि पी.टी. निकलना है ज़रूरी!

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