

# Transplantation

**Transplantation** refers to the transfer of tissues or whole organs.

1. *autotransplantation* – transfer from the same individual; the greatest probability of permanent graft attachment
2. *alotransplantation* (homotransplantation) – transfer from another individual of the same species
3. *xenotransplantation* (heterotransplantation) – transfer from an individual of another species (e.g. pig skin)
4. *isotransplantation* – transfer from a monozygotic, immunobiologically identical twin (equivalent to autotransplantation)

If we use a foreign material for the replacement, then it is alloplasty.

## Links

### Related articles

- Transplantation Laws
- Kidney Transplantation
- Pancreas transplantation
- Lung Transplantation
- Heart transplant
- Skin transplantation
- Bone Marrow Transplantation
- Donation, Collection and Transplantation of Hematopoietic Cells

### External links

- Organ donation and brain death – interactive algorithm + test (akutně.cz) (<https://www.akutne.cz/algorithm/cs/323--/>)
- Organ transplantation (English Wikipedia)
- Basics of organ transplantation (TECHmED) (<https://www.techmed.sk/zaklady-transplantacie-organov/>)

### References

- MĚŠTÁK, Jan, et al. *Úvod do plastické chirurgie*. 1. vydání. Praha : Univerzita Karlova v Praze - Nakladatelství Karolinum, 2005. 125 s. ISBN 80-246-1150-3.