

# TYPES OF TRANSPLANTS

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# *Transplant*



**HUMAN  
ORGAN**  
FOR TRANSPLANT

Organ transplantation is a medical procedure in which an organ is removed from one body and placed in the body of a recipient, to replace a damaged or missing organ.

# AUTOGRAFT

It is **self-tissue** transferred from one body site to another in the same individual.

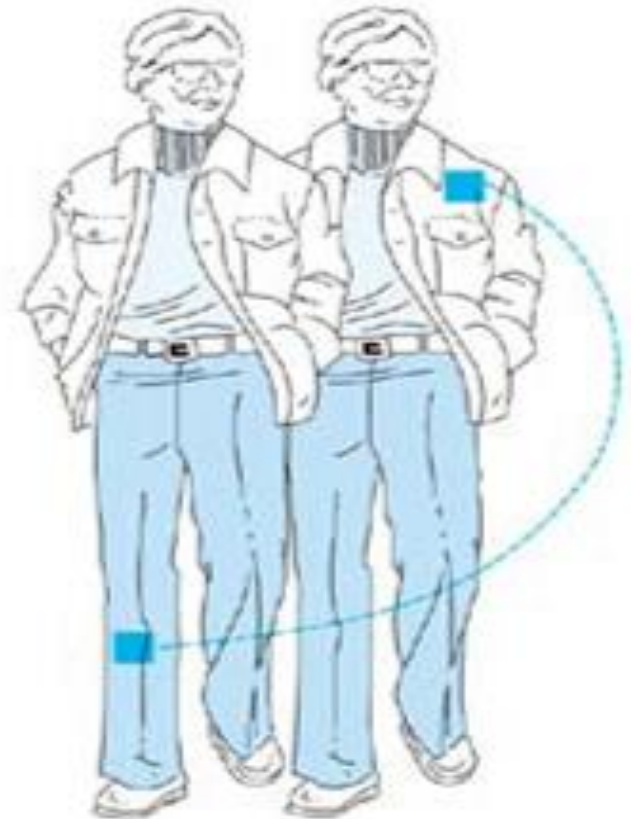
**Autograft**  
(autologous graft)  
Self to self, accepted



# ISOGRAFT

It is tissue transferred between **genetically identical individuals**. In **humans**, an isograft performed between genetically identical (monozygomatic) twins and in inbred strains of **mice**, an isograft performed from one mouse to another syngeneic mouse are examples of isograft.

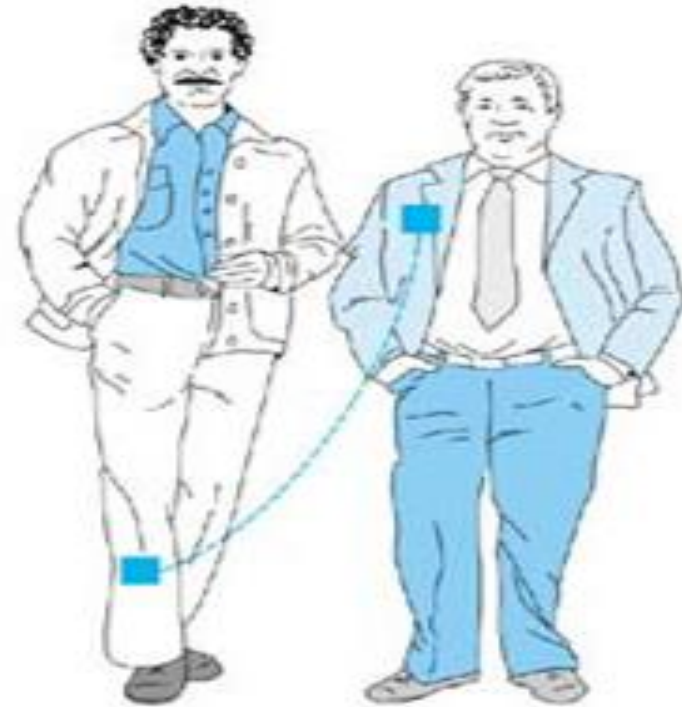
**Isograft**  
Identical twin to twin,  
accepted



# ALLOGRAFT

It is tissue transferred between **genetically different** members of the same species.

**Allograft**  
Person to person  
(not identical twins),  
variable degree of rejection

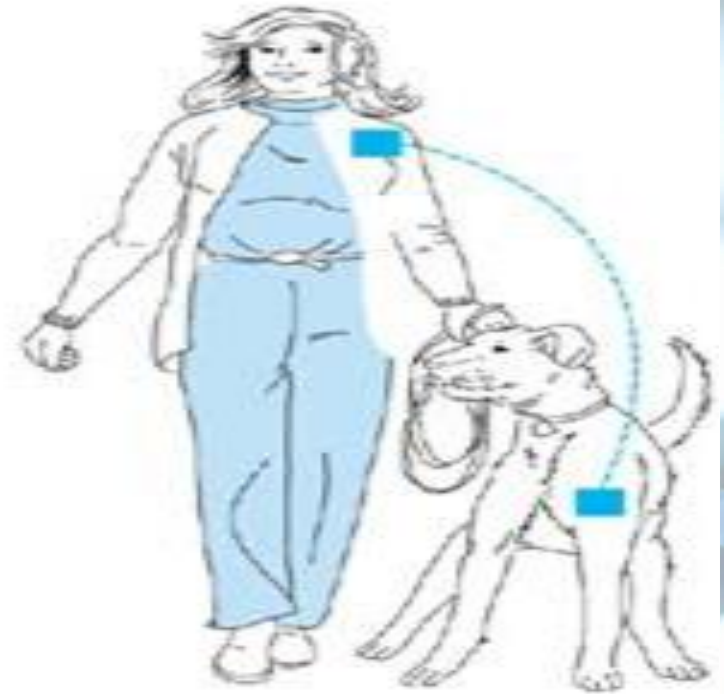




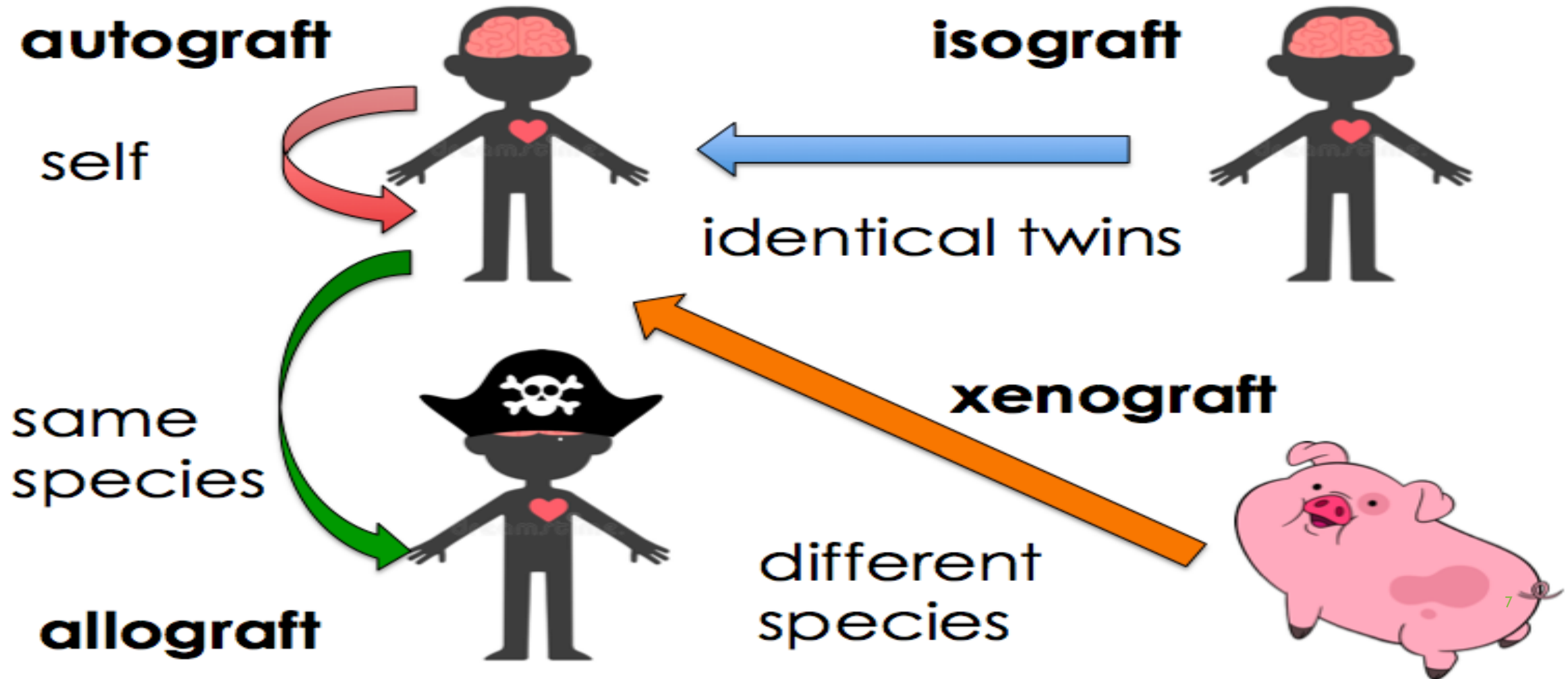
# XENOGRAFT

It is tissue transferred between **different species** (e.g. the graft of a **baboon heart into a human**).

**Xenograft**  
(heterologous graft)  
Species to species,  
strong rejection



# Summary



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***Thank you !!***

