

Issued by JPAC: 13 July 2016

Implementation: To be determined by each Service

Change Notification UK National Blood Services No. 29 - 2016

Xenotransplantation

Applies to the Tissue Donor Selection Guidelines for Live Donors, Tissue Donor Selection Guidelines for Deceased Donors, Cord Blood Donor Selection Guidelines, and Bone Marrow and PBSC Donor Selection Guidelines

Please modify this entry as follows:

Xenotransplantation

Including Xenografts
Heterografts
Non-Human Organ Perfusion

Recipient

Definition Any procedure that involves the transplantation, implantation, or infusion into a human recipient of either (a) live cells, tissues, or organs from a non-human animal source, or (b) human body fluids, cells, tissues, or organs that have had ex vivo contact with live, non-human animal cells, tissues, or organs. Xenotransplantation products include live cells, tissues and organs.

Biological products, drugs, or medical devices sourced from **nonliving cells**, tissues or organs from non-human animals, including but not limited to porcine insulin, porcine heart valves, and collagen matrices derived from acellular porcine, bovine or any other xenogeneic source (e.g. PelviSoft[®], Bio-Oss[®], Bio-Gide[®] and Surgibone[®]) are not considered xenotransplantation products.

Obligatory **Must not donate if:**
Material from a **living** non-human animal source has been directly or indirectly in contact with the mother's blood supply. This does not include animal bites.

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Sexual Partners of Xenotransplant Recipients, Current and Former

Obligatory **Must not donate.**

Additional Information Exposure to non-human animal material, particularly when the person exposed is immunosuppressed, may result in infections that would not normally affect humans being passed on.

SmacLennan

Dr Sheila MacLennan
Professional Director - Joint UKBTS Professional Advisory Committee
 Direct Dial: (0113) 820 8638  sheila.maclennan@nhsbt.nhs.uk