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BIOVIGILANCE IN TISSUE BANKING

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SUMMARY

Biovigilance is the monitoring of events to improve outcomes in the use of blood product, organ, tissues and cellular therapies according to American Standards of Tissue Banking. Biovigilance is surveillance of incidents occurring from procurement to the administration and surveillance of adverse event to the living donor or to the patient, linked or possibly linked, to the use of human tissue, cell, organ and ancillary products. The aim of implemented Biovigilance in tissue banking is to have safer and more efficacious transplantations. To support this aim, traceability of tissues should be done as efficient as possible. Several data needed for implementing Biovigilance system are: (1) Adverse reaction of clinical system possible after transplantation, (2) Adverse effects in the past transplantations caused by such as virus or microbes, and (3) Are the products arrive safely at transplant centers such as packaging problems. To obtain the data a follow-up form should be sent together with products to be transplanted. It can be concluded that obtaining the surgeon's report on adverse reaction as soon as possible after transplantation will support the increasing safety of the patient as well as the products and the organization.