

Femoral Head, Fresh Frozen

Bone - Product code T0001



Benefits/advantages

- Supplied by Tissue Services, a specialist function of NHS Blood and Transplant (NHSBT) undertaking all aspects of tissue donor evaluation, medical screening, consent, testing, storage, quality assurance and supply.

Product sheet

Product description

A whole femoral head from a donor undergoing total hip replacement. Packaged and frozen within 24 hours of donation. Tested free of microbial growth. Supplied (without any subsequent processing) as individual units, not less than 50g weight with actual weight recorded on the label.

Clinical applications

For use in orthopaedic surgery, primarily hip and knee revision.

Processing

This product is collected aseptically in the operating theatre to Tissue Services protocol and has been stored below -40°C at the tissue bank until donor release. The protocol

includes quarantine and re-testing the donor 6 months after donation or advanced testing using PCR.

Storage requirements

This graft needs to be stored frozen. The expiry date depends on the freezer temperature (the full shelf-life is given if lower than -40°C, the shelf-life is reduced to 3 months if stored between -20°C and -40°C). The expiry date on the label will be corrected for your storage requirement before dispatch. Freezers need to be designated for clinical use with 24/7 alarms and monitoring. Your blood bank may be able to store this tissue in these conditions. Once thawed, the maximum storage time in a 4°C clinical alarmed and monitored refrigerator is 24 hours.

For further information or to place an order, please contact your nearest tissue bank via the national order line

Tel 0845 607 6820 Fax 0845 607 6819

Regulatory requirements

As this product contains cells, a Tissue Establishment Licence from the Human Tissue Authority will be required if stored beyond 48 hours. Some stages of the quality system defined by law (EU Tissue and Cells Directive) relating to storage, tracking and adverse event or reaction reporting can be managed only by the hospital. Because of this a signed current service level agreement defining responsibilities must be in place prior to the supply of tissue. Tissue Services will send this agreement directly to the hospital, usually via the CEO for signature. Details can be supplied on request.

Delivery

This product is stored in two sterile plastic containers within an outer bag. Delivery is in a disposable transport box containing dry ice (solid carbon dioxide - see below) validated to keep the graft frozen until the date and time provided on the box. It is delivered by either NBS Transport or via a courier, usually direct to the point of use e.g. theatre. Next working day delivery is included in the product price. More urgent delivery e.g. same day or by a specified time can be arranged at additional cost.

CAUTION - dry ice can cause burns. The product must be unpacked by a person wearing safety gloves designed to protect from the cold (-80°C). In addition, high levels of carbon dioxide can asphyxiate, so care should be taken to open and store the package in a room with adequate ventilation. The remaining dry ice should be left to evaporate in a ventilated area before discard.