

# Shaped Bone Freeze Dried Washed Irradiated Cancellous Cubes

## Bone - Product code T0049



### Product description

Bone derived from the cancellous bone of the knee joints from a deceased donor. Processed in cleanrooms to remove soft tissue, cut to uniform size of 10mm x 10mm x 10mm and washed to remove blood and marrow. Freeze dried and irradiated in the final pack. Supplied as packets consisting of 5 Cubes per pack.

### Clinical applications

For use in orthopaedic surgery, primarily as a packing material in hip and knee revision and in other forms of bone reconstruction surgery.

### Processing

This product is collected aseptically by highly trained Tissue Services staff stored below -40°C at the tissue bank until donor release. It is processed in pharmaceutical grade cleanrooms to remove soft tissue marrow and red cells leaving a cleaned cancellous bone graft 10mm x 10mm x 10mm in size. Dried to allow storage at ambient temperature and irradiated to a minimum of 25 kGy.

### Delivery

This product is stored in two heatsealed plastic bags within a flat-pack outer bag. Delivery is via recorded next day delivery Postal Service in

### 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, cleanroom processing, quality assurance and supply.
- Uniform product with minimal variation.
- Flat packed taking less storage space.
- Irradiated in the final pack for added safety.
- Non cellular therefore does not require a user storage license.
- Can be stored at ambient temperature.

a padded envelope all included in the product price. More urgent delivery e.g. same day or by a specified time can be arranged at additional cost.

### Storage requirements

This product must be stored away from direct sunlight. It does not require specific storage temperatures so can be kept at ambient temperature.

### Regulatory requirements

This product is cell depleted therefore does not require a storage licence. 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.

# Product sheet

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**