

READ BEFORE USING
**MOPSSM OSTEOCHONDRAL
ALLOGRAFT TISSUE**

DONATED HUMAN TISSUE

**CAUTION: TISSUE IS FOR SINGLE PATIENT USE ONLY.
Aseptically Processed. Passes USP <71> Sterility Tests. Not
Terminally Sterilized.**

THIS TISSUE WAS RECOVERED FROM A DECEASED DONOR FROM WHOM LEGAL AUTHORIZATION OR CONSENT HAS BEEN OBTAINED. THIS RECOVERY WAS PERFORMED USING ASEPTIC TECHNIQUES. PROCESSING AND PACKAGING WERE PERFORMED UNDER ASEPTIC CONDITIONS. TERMINAL STERILIZATION AGENTS WERE NOT USED IN THE PROCESS.

DESCRIPTION AND INDICATION FOR USE

MUSCULOSKELETAL TRANSPLANT FOUNDATION (MTF) tissues are supplied in a variety of standard sized units designed for surgical use by qualified health care professionals. Processed human bone and soft tissue have been used in a variety of surgical applications and in combination with prosthetic devices. The amount and size of allograft necessary for a surgical procedure is based upon an individual surgeon's preference and the size and type of defect. The description of the tissue, serial number, expiration date, product code, size and/or amount, and additional information are printed on the allograft container label.

Processing of allografts includes removing any extraneous soft tissue. General appearance of the cartilage is "pearly white" and glistening, perhaps with only slight discoloration. Some areas of unusable cartilage may be present. The remaining cartilage would be used as allograft.

ADVERSE EFFECTS

Possible adverse effects of using human tissues include but are not limited to:

- Infection of soft tissue and/or bone (osteomyelitis)
- Immune response of non-infectious cause, including fever
- Deformity of the bone at the site
- Incomplete bone ingrowth, delayed union or non-union
- Fracture of the newly formed bone

- Disease transmission or undesirable immune response

Within the United States: Adverse outcomes attributable to the tissue must be promptly reported to MTF. Outside of the United States: Adverse outcomes attributable to the tissue must be promptly reported to your local representative

CAUTIONS

Trace amounts of Penicillin G, Streptomycin Sulfate, Amphotericin B as Fungizone[®] in 0.85% saline, Dexamethasone Sodium Phosphate, vitamins, and Dulbecco's Modified Eagle Medium (DMEM) may be present. Tissue is exposed to processing solutions that may contain detergents and alcohol. Trace amounts of processing solutions may remain. Caution should be exercised if the patient is allergic to any of these substances.

Extensive medical screening procedures have been used in the selection of all tissue donors for MTF (please see Donor Screening and Testing). Transmission of infectious diseases may occur despite careful donor selection and laboratory testing, including serology and nucleic acid testing (NAT). Bacterial infection at the site of grafting may occur.

Use caution in the following circumstances:

- Fever
- Uncontrolled diabetes
- Pregnancy
- Hypercalcemia
- Renal insufficiency
- History of or active Pott's disease
- Sepsis, or infection in or around the surgical site
- Inability to cooperate with and/or comprehend post-operative instructions

ASEPTICALLY PROCESSED

ALL ALLOGRAFTS ARE FOR SINGLE PATIENT USE ONLY.

The allografts are not terminally sterilized. Each allograft is aseptically processed and the finished product passes USP <71> Sterility Tests. **Do not subject allografts to additional sterilization procedures.** Do not use portions of an allograft from one container on multiple patients. Dispose of excess or unused tissue in accordance with recognized procedures for discarding regulated medical waste materials.

This allograft must not be used under any of the following conditions:

- If the container seal is damaged, not intact or has any physical damage.
- If the container label or identifying bar code is severely damaged, not readable or is missing.
- If the innermost container is damaged, not intact or leaks.
- If the expiration date shown on the container label has passed.

DONOR SCREENING AND TESTING

Prior to donation, the donor's medical/social history is screened for medical conditions or disease processes that would contraindicate the donation of tissues in accordance with current policies and procedures approved by the MTF Medical Board of Trustees.

Donor blood samples taken at the time of recovery were tested by a facility that is CLIA certified and registered with the FDA for:

- Hepatitis B virus (HBV) surface antigen
- HBV core antibody
- Hepatitis C virus (HCV) antibody
- HIV-1/2 antibody
- Syphilis
- HIV-1 NAT
- HCV NAT
- HBV NAT

All infectious disease tests results passed acceptability for screenings. This allograft tissue has been determined to be suitable for transplantation.

The infectious disease test results, consent, current donor medical history interview, physical assessment, available relevant medical records to include previous medical history, laboratory test results, autopsy and coroner reports, if available at the time of release, and information obtained from any source or records which may pertain to donor suitability, have been evaluated by an MTF physician and are sufficient to indicate that donor suitability criteria current at the time of procurement, have been met. This tissue is suitable for transplantation. The donor suitability criteria used to screen this donor are in compliance with the FDA regulations published in 21 CFR Part 1271 Human Cells, Tissues, and Cellular and Tissue Based Products, as applicable. All procedures for donor screening, including laboratory testing meet or exceed current standards established by the American Association of Tissue Banks.

PREOPERATIVE PREPARATION

Preparation of the host bed is important for allograft incorporation. The host bed should be free of infection prior to grafting. Whenever possible, the allograft should be securely fixed to the host bone to aid in incorporation and to prevent displacement of the graft.

STORAGE

Remove the package of allograft tissue from the shipping container. Store the allograft tissue at ambient temperature until time of surgery, **DO NOT REFRIGERATE OR FREEZE**. It is the responsibility of the transplant facility or clinician to maintain the tissue intended for transplantation in the appropriate recommended storage conditions prior to transplant. If storage conditions or container seal have been compromised before intended use, the tissue should be discarded. Handle the package containing the allograft tissue with care. Osteochondral allografts are packaged individually in a dual layered configuration consisting of a peelable outer pouch and inner pouch. The inner pouch contains the tissue with storage/transport media. Note: Fat and/or bone particulates may be present in the media and do not affect the functionality of the allograft tissue. Please refer to the rinsing instructions provided for proper rinsing of allograft prior to implantation.

INSTRUCTIONS FOR USE

Open packaging using the following procedure. Note: The inner and outer pouches are sterilized. Use standard aseptic/sterile technique to open the package and make ready for use.

Step 1: Peel open outer bag and remove the inner pouch using aseptic technique.

Step 2: Using sterile scissors, cut the bottom of the inner pouch and pour off the storage/transport media.

Step 3: Place the allograft tissue into a sterile basin containing sterile irrigant (i.e. normal saline or Lactated Ringers Solution).

Tissue Rinsing Procedure

1. Once the osteochondral allograft has been removed from the packaging and transferred to the basin of sterile irrigant (i.e. normal saline or Lactated Ringers Solution), the allograft must be rinsed to remove excess storage/transport media that remain on the surface of the allograft. Use care if combining antimicrobial agents with the

sterile irrigant as high concentrations of antimicrobial agents can potentially act as vesicants or irritants.

2. To optimize cell viability and reduce the possibility of contamination, the osteochondral allograft must be implanted as soon as possible after it has been rinsed and shaped. The allograft should be implanted within six hours of removal of storage/transport media or discarded.
3. If the allograft is not implanted immediately, cover with a sterile drape. **DO NOT ALLOW THE ALLOGRAFT TO DEHYDRATE.**
4. Immediately before implantation, rinse the allograft in the sterile irrigant for a minimum of 1 minute. During fashioning, rinse the allograft thoroughly using sterile irrigant. **THE ALLOGRAFT MUST REMAIN MOIST AT ALL TIMES PRIOR TO IMPLANTATION.**
5. Dispose of excess or unused tissue and all packaging that has been in contact with the tissue in accordance with recognized procedures for discarding regulated medical waste materials.

PATIENT RECORD

Tissue recipient records must be maintained by the consignee and transplant facility for the purpose of tracing tissue post transplantation. A TissueTrace® Tracking Form and peel-off stickers have been included with each package of tissue. Please record the patient ID, name and address of the transplant facility, allograft tissue information (using the peel-off stickers), and comments regarding the use of the tissue on the TissueTrace Tracking Form. Alternatively a system for electronic submission may be used and sent to MTF@Sceris.com. **Within the United States:** Once completed, the bottom page of the form should be returned to MTF using the self-addressed mailer. Copies of this information should be retained by the transplant facility for future reference. **Outside of the United States:** Once completed, the bottom page of the form should be returned to the local allograft representative or provider. Copies of this information should be retained by the hospital for future reference.

Reference: Current MTF policies and procedures in compliance with current FDA, AATB and other regulatory requirements.

Definitions of Label Symbols



See IFU



Do Not Reuse

Processed and distributed by:



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All recovery, processing and distribution costs were paid for by MTF, a non-profit organization.

CAUTION: Restricted to use by a physician, dentist and/or podiatrist. Please note: Human tissue for transplantation shall not be offered, distributed or dispensed for Veterinary Use.

MTF tissue forms and products are protected by one or more issued or licensed United States patents. A list of patents on available tissues and related technologies may be found on the MTF web site www.mtfbiologics.org.

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