

Cartiform[®] Viable Osteochondral Allograft

Repair and Restore Articular
Cartilage in Your Knee



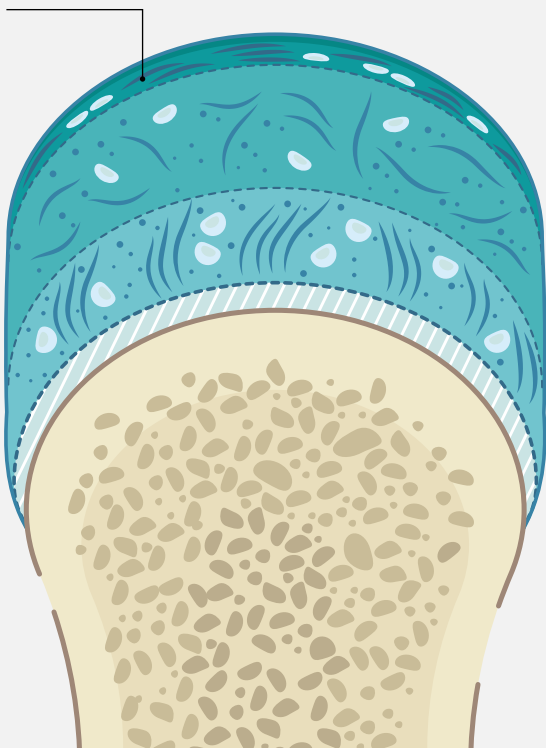
About Articular Cartilage

Articular cartilage, also called hyaline cartilage, is the tissue component that covers the joint surface at the end of a bone. The knee joint is where the thigh bone (femur) meets the shin bone (tibia).

When healthy, the cartilage allows the knee to go through painless range of motion and helps absorb shock while weight-bearing (ie, walking or using stairs). When cartilage becomes worn or damaged, the resulting defect can lead to knee discomfort and pain, often accompanied by joint swelling. This may reduce range of motion and cause stiffness.

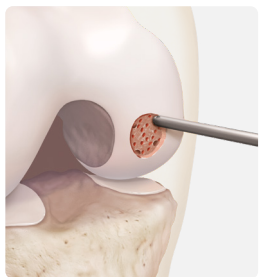
Depending on the diameter and depth of the defect, your doctor may suggest an osteochondral allograft, or donated tissue containing bone and cartilage, to replace your damaged cartilage with healthy articular cartilage. For small, shallow lesions, the Cartiform® osteochondral allograft provides an optimal joint-preserving solution.

Articular Cartilage



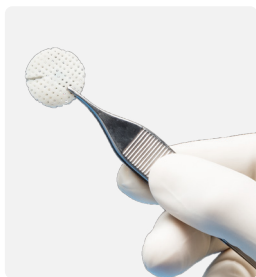
A Viable Solution

Cartiform® is a cryopreserved, viable osteochondral allograft, meaning it has live cells (viable chondrocytes) that stimulate regrowth of the damaged cartilage and bone.¹ Its porous structure creates a flexible graft that conforms to irregular defect shapes, while supporting the release of growth factors and the migration of healing cells into the repair site.



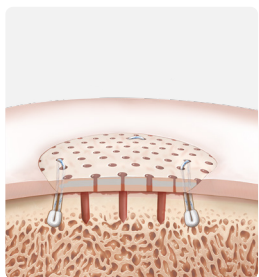
1

The damaged area is prepared, and a small drill creates tiny holes to fixate the Cartiform allograft, allowing it to incorporate.



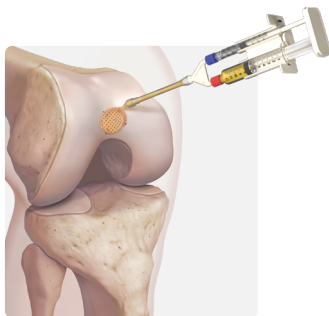
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The Cartiform allograft is shaped and trimmed to precisely match your defect.



3

The graft is securely fixed in place, as its flexibility and small holes allow it to adapt to the natural contours of your knee.

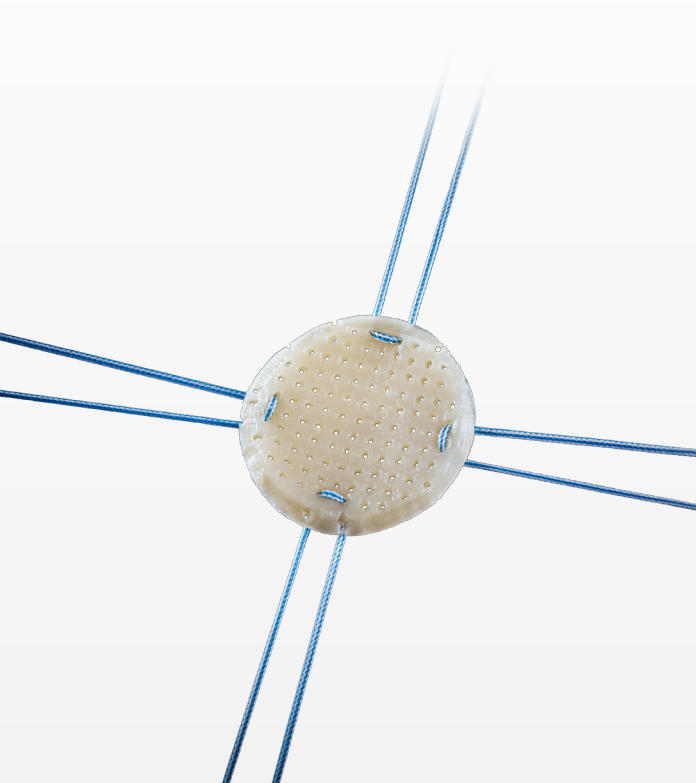
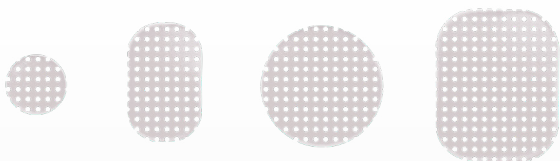


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Additional biologics may be added to help support your healing.

Benefits of the Cartiform® Allograft

- › Adaptable to a variety of cartilage injuries, including both well-defined and irregular defects
- › All sizes of Cartiform grafts can be trimmed and shaped to provide a customized fit to your knee
- › Maintains the structure and components of articular cartilage, with viable chondrocytes that secrete growth factors^{1,2}
- › May be combined with biologics to promote and support healing through a single-stage procedure



Talk With Your Doctor

To see if the Cartiform® allograft is right for you, here are some potential questions to ask:

- › How quickly can I get back to work?
- › When can I return to physical activities?
- › How much pain will I be in after my joint preservation procedure?
- › Will insurance cover this procedure?
- › What can I do to prepare for my recovery?

Important Safety Information

Cartiform Osteochondral Allograft

Indications

Cartiform osteochondral allograft is made from donated human tissue that includes both cartilage and bone. It is intended to be used in a way that matches its natural function to help repair, replace, or rebuild damaged areas of cartilage and bone. The size and amount of tissue used will vary depending on the size of the defect and your surgeon's recommendation.

All tissue donors are carefully screened and tested to support patient safety. The tissue is recovered, processed, stored, tested, and distributed in accordance with U.S. federal regulations and established tissue banking standards. A medical director reviews each donor's medical and social history to confirm eligibility. Donors are evaluated to ensure they do not have risk factors for, or signs of, certain infectious diseases. In addition, laboratory testing is performed using FDA-approved methods to screen for infections such as HIV, hepatitis B and C, syphilis, and other communicable diseases.

Records of donor screening and testing are maintained by the tissue provider in accordance with regulatory requirements.

Contraindications

There are no known contraindications for this product.

Adverse Effects

Any side effects or unexpected outcomes related to this tissue should be reported promptly to Arthrex, Inc., at 800-933-7001 ext. 78718 or Complaints@Arthrex.com.

Warnings

- › As with any medical or surgical procedure, there is a possibility of risks or complications during or after the transplant.
- › Your health care provider is responsible for explaining the risks of your treatment, including the possibility of complications or side effects.
- › Caution should be used in patients who may be sensitive or allergic to certain substances used during the preparation and storage of this tissue. Small amounts of these substances may remain on the product.
 - › Cryopreservation solution: This tissue may contain traces of dimethyl sulfoxide (DMSO), human serum albumin (a protein found in blood), and a saltwater solution used to help preserve the tissue.
 - › Disinfection: Substances used to clean and protect the tissue may include povidone iodine, antibiotics (such as gentamicin and vancomycin), antifungal medication (such as amphotericin B), and solutions commonly used to support cells and tissues.

- › Processing solution: A sterile saltwater (saline) solution is used during processing.
- › Although this tissue has been carefully screened, tested, and handled under controlled, sterile conditions, tissue from a human donor may still carry a small risk of transmitting infections. These may include known or unknown diseases caused by bacteria, viruses (such as HIV), or fungi.
- › In some cases, the body may not fully accept the transplanted tissue, which could affect how well it works or how long it lasts.

If you have any questions or concerns, please discuss them with your health care provider.

The information contained in this brochure is not medical advice and is not meant to be a substitute for the advice provided by a surgeon or other qualified medical professional on the use of these products. You should talk with your physician or health care provider for more information about your health condition and whether Arthrex products might be appropriate for you. The surgeon who performs any surgical procedure is responsible for determining and using the appropriate techniques for surgical procedures on each individual patient. Arthrex recommends that surgeons be trained on the use of any particular product before using it in surgery. A surgeon must always rely on their own professional medical judgment when deciding whether to use a particular product when treating a particular patient. A surgeon must always refer to the package insert, product label, and/or directions for use before using any Arthrex product. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes. Products may not be available in all markets because product availability is subject to the regulatory approvals and medical practices in individual markets. Please contact Arthrex if you have questions about the availability of products in your area.

References

1. Arthrex, Inc. Data on file (LA1-0860-EN_B). Naples, FL; 2015.
2. Arthrex, Inc. Data on file (LA1-00011-EN_A). Naples, FL; 2015.



Learn more about
the Cartiform®
allograft

Osiris[®]
THERAPEUTICS, INC.

Smart Medicine.[®] Right Now.[®]

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