

ParametricsMedical 

Allograft Selection Catalog





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Welcome to Parametrics Medical

Parametrics Medical provides the latest advancements in allograft tissue, biologic implants, and regenerative medicine designed to enhance surgical outcomes and improve patient quality of life while honoring the gift of donated human tissue.

Our Mission

Ensuring physicians have the best solutions for their patients.

Customer Service

Parametrics Medical provides world-class customer service. Historically, we fill over 98% of orders placed, and we respond to requests in less than ten minutes.

Donor Screening

All donors are recovered in the United States and meet FDA, AATB, and applicable state requirements. Potential donors are screened for risk factors associated with infectious diseases and medical conditions that might rule out donation. A small percentage of donors referred make it through the screening process and are accepted as eligible donors.



Place Your Order with Parametrics Medical

- Orders must be placed by 4 PM CST for next-day arrival
- sales@parametricsmedical.com
- 1.888.494.2240
- 1.719.941.9766
- Normal business hours are 8 AM to 5 PM CST

Allograft Preservation and Storage Conditions

Preservation	Temperature	Apparatus
Fresh	Above freezing (0°C) to 10°C	Refrigerator
Cryopreserved frozen (long-term)	-40°C and colder	Dry Ice or Allograft Freezer
Cryopreserved frozen (<6 months)	-20°C to -40°C	Dry Ice or Allograft Freezer
Frozen (long-term)	-40°C and colder	Dry Ice or Allograft Freezer
Frozen (<6 months)	-20°C to -40°C	Dry Ice or Allograft Freezer
Freeze-Dried	Ambient Temperature	Room Temperature (secure location)
Hydrated or Saline Suspended	Ambient Temperature	Room Temperature (secure location)

(AATB standards for Tissue Banking, Current Edition)

Shipping Options

- PO-Shipping | Priority Overnight, Frozen (10:30am)
- FO-Shipping | First Overnight, Frozen (8:00am)
- 5Day-Shipping | 5 Day, Extra Ice, Weekend, Frozen
- FD-Shipping | Freeze Dried Overnight (10:30am)

Return Policy Overview

- Parametrics Medical will not accept tissue for return without a return authorization number. Contact customer service for a return authorization number and additional details regarding the Parametrics Medical Return Policy. (See contact information above)

Tendons

Parametrics Medical offers an extensive portfolio of allograft tendons used in numerous clinical applications, including but not limited to: ACL reconstruction, MPFL reconstruction, and lateral ankle stabilization.

Allograft tendons (obtained from a donor) are a viable alternative to autograft tendons (obtained from the patient’s body). Potential benefits of using allograft versus autograft include:

- No donor site morbidity
- Reduced surgical time
- Smaller surgical incision

Parametrics Medical offers three unique processing options for allograft tendons (Coll-e-Strong™, Lo-RAD™, and No-RAD™).

Coll-e-Strong®

Coll-e-Strong allografts are Parametrics Medical’s trademarked electron beam sterilized tendons. This innovative processing methodology achieves a sterility assurance level (SAL) of 10⁻⁶ without the use of gamma irradiation. Coll-e-Strong grafts provide Parametrics Medical’s best option of sterility, safety, and strength for surgeons and patients.

Lo-RAD

Lo-RAD allografts are Parametrics Medical’s trademarked low-dose gamma-irradiated tendons. These allografts are processed with an average exposure rate of 1.25 megarads which is among the lowest level of irradiation on the market. Studies suggest this level of irradiation does not negatively impact clinical results or biomechanical properties. The Lo-RAD processing methodology achieves an SAL of 10⁻⁶.

No-RAD

No-Rad allografts are Parametrics Medical’s trademarked aseptically processed tendons. No irradiation is used in processing or after packaging. The No-Rad processing methodology achieves an SAL of 10⁻³.

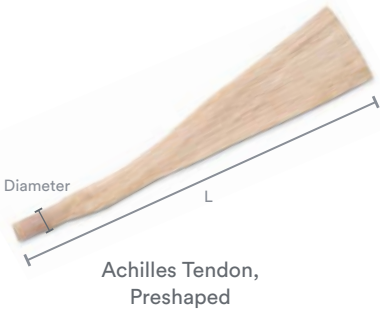


ACL Reconstruction with BTB

Tendons

Achilles

Product Number	Product Description
PACH1001E	Preshaped Achilles - Coll-e-Strong 10 mm
PREAT2000	Preshaped Achilles - Lo-RAD 10 mm
NPREAT2000	Preshaped Achilles - No-RAD 10 mm
ACH1001E	Achilles Tendon w/bone, Coll-e-Strong
AT2000	Achilles Tendon w/bone - Lo-RAD
NAT2000	Achilles Tendon w/bone - No-RAD
AT2000N	Achilles w/out bone - Lo-RAD
NAT2000N	Achilles w/out bone - No-RAD



Bone-Tendon-Bone (BTB)

Product Number	Product Description
PS10501E	Preshaped Hemi BTB - Coll-e-Strong 10 mm
PRE2039	Preshaped Hemi BTB - Lo-RAD 10 mm
NPRE2039	Preshaped Hemi BTB - No-RAD 10 mm
BTB3001E	Hemi BTB - Coll-e-Strong
PTH2039	Hemi BTB - Lo-RAD
NPTH2039	Hemi BTB - No-RAD
PTW2040	Whole BTB - Lo-RAD
NPTW2040	Whole BTB - No-RAD
PTWQ2040	Whole BTB w/ Extensors - Lo-RAD
NPTWQ2040	Whole BTB w/ Extensors -No-RAD



Quadricep Tendons

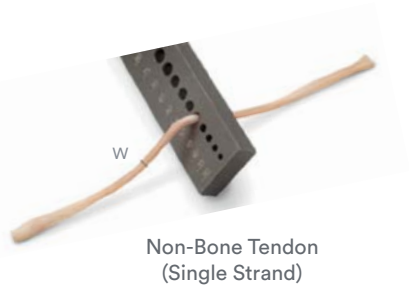
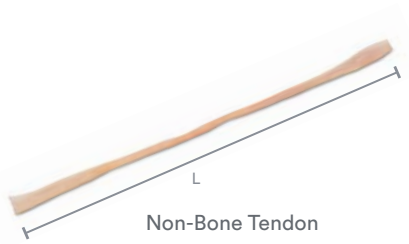
Product Number	Product Description
QT1903E	Quad Tendon w/ Bone Block - Coll-e-Strong
QT1903	Quad Tendon w/ Bone Block - Lo-RAD
NQT1903	Quad Tendon w/ Bone Block - No-RAD



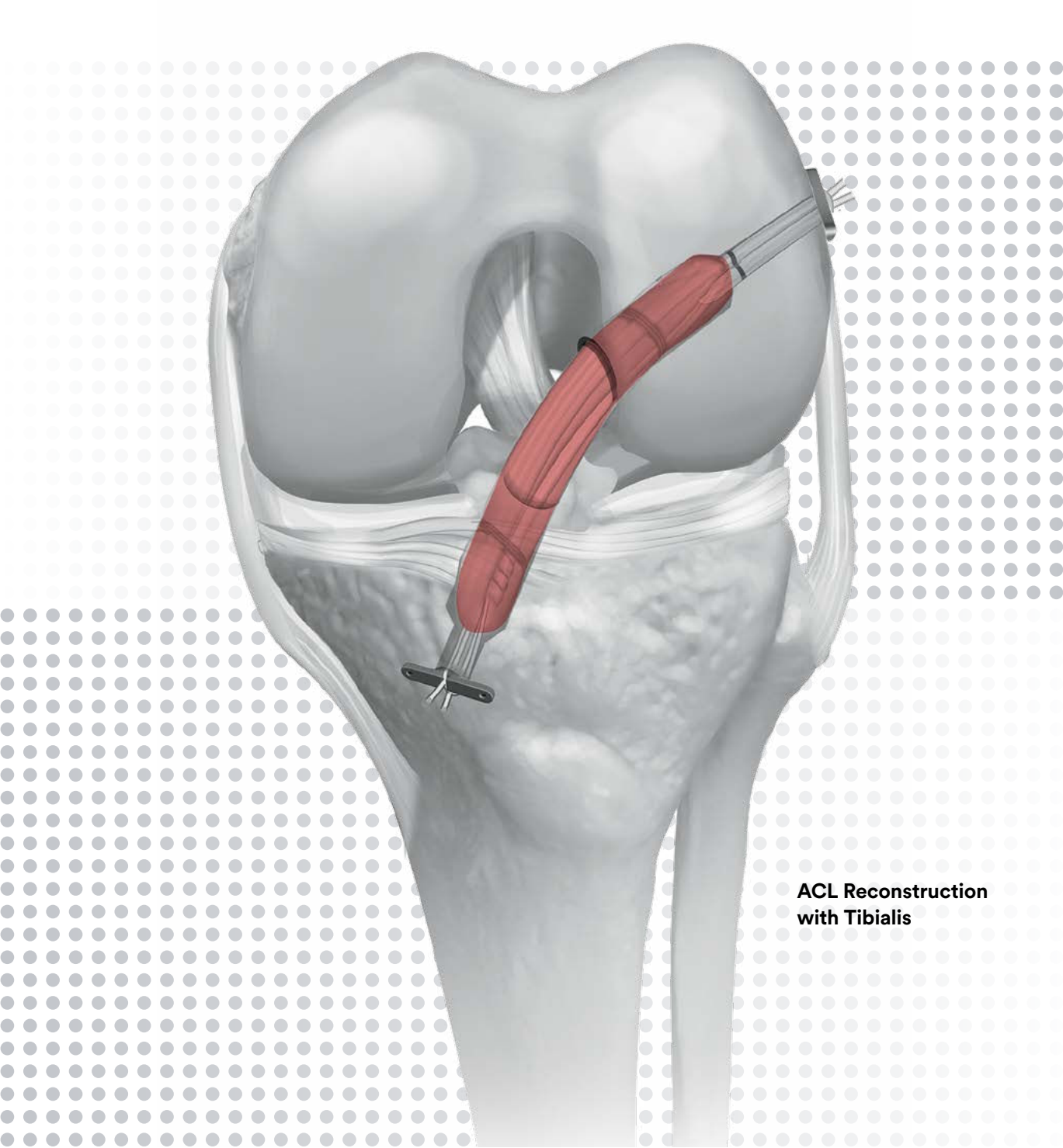
Tendons

Non-Bone Tendons

Product Number	Product Description
ATIB2001E	Anterior Tibialis - Coll-e-Strong
AT2052	Anterior Tibialis - Lo-RAD
NAT2052	Anterior Tibialis - No-RAD
PTIB4001E	Posterior Tibialis - Coll-e-Strong
PT2053	Posterior Tibialis - Lo-RAD
NPT2053	Posterior Tibialis - No-RAD
PL8001E	Peroneus Tendon - Coll-e-Strong
PL2043	Peroneus Tendon - Lo-RAD
NPL2043	Peroneus Tendon - No-RAD
ST6001E	Semitendinosus - Coll-e-Strong
ST2044	Semitendinosus - Lo-RAD
NST2044	Semitendinosus - No-RAD
GR9001E	Gracilis - Coll-e-Strong
GR2033	Gracilis - Lo-RAD
NGR2033	Gracilis - No-RAD
STG7001E	Semitendinosus/Gracilis Combo - Coll-e-Strong
STG2055	Semitendinosus/Gracilis Combo - Lo-RAD
NSTG2055	Semitendinosus/Gracilis Combo - No-RAD
AIG1000EF	All-Inside ACL Graft - Coll-e-Strong*
AIG1000F	All-Inside ACL Graft - Lo-RAD*
NAIG1000F	All-Inside ACL Graft - No-RAD*
FT2050	Flexor Tendon
PL2315E	Plantaris (Single Strand)- Coll-e-Strong
PL2315	Plantaris (Single Strand) - Lo-RAD
NPL2315	Plantaris (Single Strand) - No-RAD



*The All-Inside ACL Graft meets strict length and diameter requirements to ensure the final construct is consistent with the exact needs of the All-Inside procedure. The tissues used for the All-Inside Graft include the Semitendinosus, Anterior and Posterior Tibialis, and Peroneus Longus tendons.

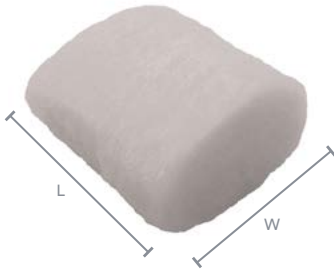


Cartilage

Costal Cartilage

Costal cartilage is hyaline cartilage from the rib that may be used in numerous clinical applications, including but not limited to: wrist, nasal, and ear procedures.

Product Number	Product Description
OSCC20905	Costal Cartilage, Hydrated ≤5 cm
OSCC20958	Costal Cartilage, Hydrated 5 cm-8 cm
OSCC20908	Costal Cartilage, Hydrated >8 cm



Distal Tibia with Cartilage

Distal tibia allograft may be used to treat shoulder instability due to glenoid bone loss. The distal tibia’s lateral portion matches the patient’s glenoid because it has similar curvature, bone density, and cartilage.

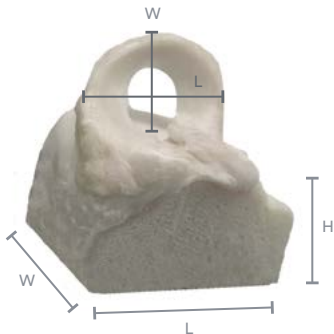
Product Number	Product Description
0083	Distal Tibia w/Cartilage, Right, Cryo, Non-Irradiated
0084	Distal Tibia w/Cartilage, Left, Cryo, Non-Irradiated
OSTD2070RFC	Distal Tibia w/Cartilage, Right, Frozen, Irradiated
OSTD2070LFC	Distal Tibia w/Cartilage, Left, Frozen, Irradiated



Meniscus

The biomechanical role of the meniscus is load distribution and stability in the knee joint. Parametrics Medical’s allograft meniscus with hemi plateau bone block is used in meniscal allograft transplant procedures and one of the few viable treatment options for the young meniscectomized knee. Our allograft meniscus are aseptically processed. No irradiation is used in processing or after packaging.

Product Number	Product Description
90B007-X	Meniscus, Left Medial, Frozen, Non-Irradiated
90B008-X	Meniscus, Left Lateral, Frozen, Non-Irradiated
90B010-X	Meniscus, Right Medial, Frozen, Non-Irradiated
90B011-X	Meniscus, Right Lateral, Frozen, Non-Irradiated



Acellular Dermis/Scaffolds

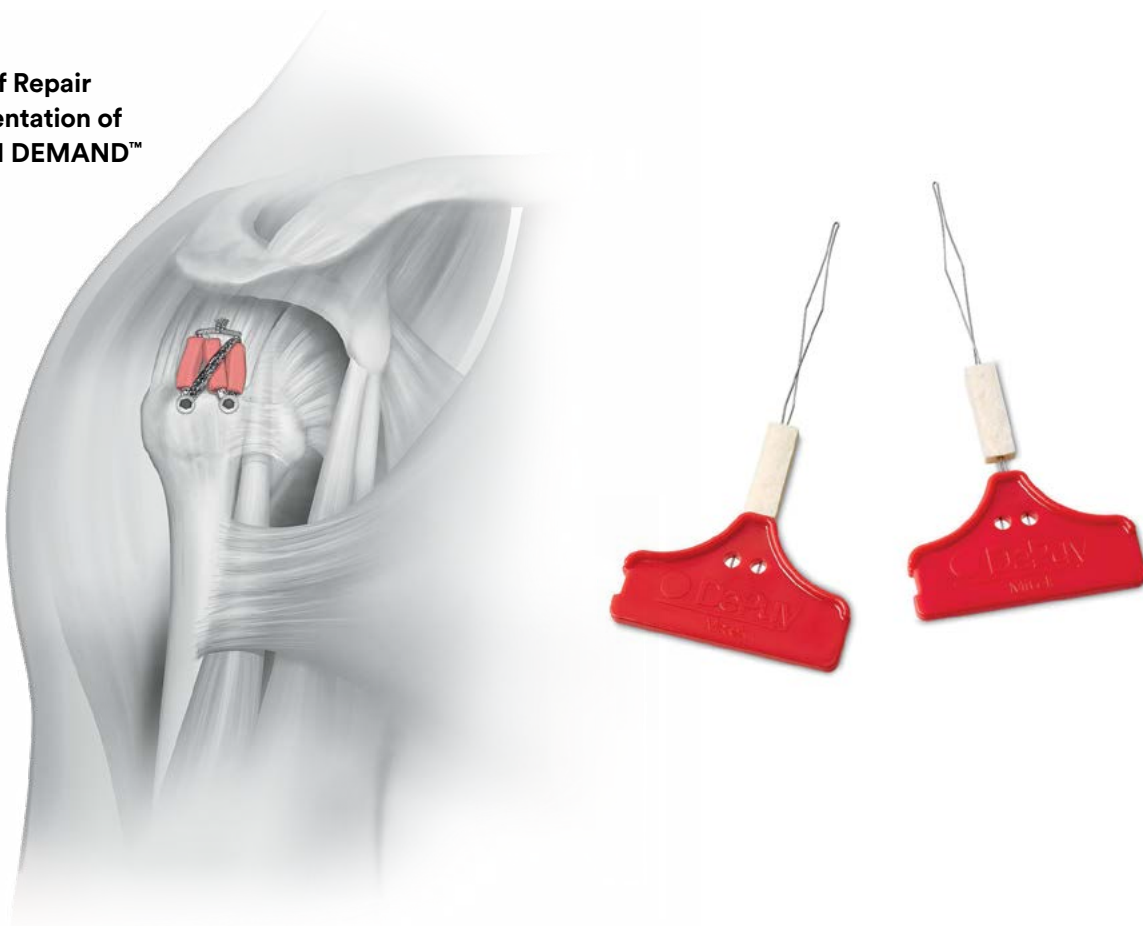
DERMIS ON DEMAND™ Allograft

DERMIS ON DEMAND (DOD) Allograft is a shelf-stable human allograft patch intended for supplemental support, protection, reinforcement, or soft tissue covering in tendon augmentation surgical procedures including rotator cuff repair, lateral ankle stabilization, and hip labral repairs.

- DOD provides a broader compression area than suture tape alone.¹
- DOD is designed for ease of use and engineered for placement in 30 seconds. DOD is pre-packaged with a threader for easy suture loading.²
- DOD features OPEN DERMAL MATRIX™ Technology, which has been shown, in pre-clinical animal models, to integrate better than tested traditional dermal allografts.^{3*}

Product Number	Product Description
DOD15453	Dermis on Demand, Freeze-dried, 15mm x 4.5mm x 3 mm

Rotator Cuff Repair with Augmentation of DERMIS ON DEMAND™ Allograft



Acellular Dermis/Scaffolds



Coll-e-Derm RT is a prehydrated human acellular dermal matrix (ADM) that retains angiogenin and collagen type IV. Angiogenin and collagen type IV may play a key role in supporting revascularization.¹ Coll-e-Derm RT may be used in numerous clinical applications, including but not limited to: superior capsule reconstruction and Achilles reconstruction.



¹ Testing performed by an independent laboratory. Data on file, Aziyo Biologics. Animal and bench testing results may not necessarily be indicative of clinical performance.

Acellular Dermis/Scaffolds

Coll-e-Derm™ **RT**, Meshed (0.4 - 0.8 mm thick)

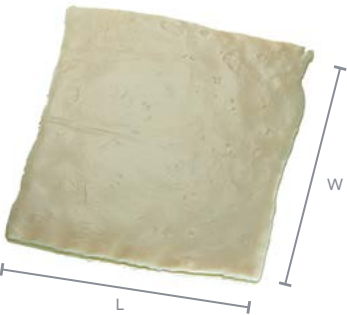
Product Number	Product Description
ACDMHY0404RT	Coll-e-Derm RT Patch, Meshed, 4x4 cm
ACDMHY0408RT	Coll-e-Derm RT Patch, Meshed, 4x8 cm

Coll-e-Derm™ **RT**, Thin (0.63 - 1.48 mm thick)

Product Number	Product Description
ADTHY0101RT	Coll-e-Derm RT Patch, Thin, 1x1 cm
ADTHY0102RT	Coll-e-Derm RT Patch, Thin, 1x2 cm
ADTHY0104RT	Coll-e-Derm RT Patch, Thin, 1x4cm
ADTHY0202RT	Coll-e-Derm RT Patch, Thin, 2x2 cm
ADTHY0204RT	Coll-e-Derm RT Patch, Thin, 2x4 cm
ADTHY54RT	Coll-e-Derm RT Patch, Thin, 5x4 cm

Coll-e-Derm™ **RT**, Medium (0.90 - 1.99 mm thick)

Product Number	Product Description
ADMHY0307RT	Coll-e-Derm RT Patch, Medium, 3x7 cm
ADMHY0407RT	Coll-e-Derm RT Patch, Medium, 4x7 cm
ADMHY0412RT	Coll-e-Derm RT Patch, Medium, 4x12 cm
ADMHY0416RT	Coll-e-Derm RT Patch, Medium, 4x16 cm
ADMHY54RT	Coll-e-Derm RT Patch, Medium, 5x4 cm
ADMHY105RT	Coll-e-Derm RT Patch, Medium, 5x10 cm



Coll-e-Derm™ **RT**, SCR (3.00 - 3.50 mm thick)

Product Number	Product Description
SCRHY473RT	Coll-e-Derm RT Patch, SCR, 4x7 cm
SCRHY543RT	Coll-e-Derm RT Patch, SCR, 5x4 cm

Acellular Dermis/Scaffolds

Fascia Lata

Fascia Lata is a fibrous covering of muscle recovered from the lateral aspect of the thigh used in various clinical applications such as periodontal surgery, dural defect repair, hip labral reconstruction, and superior capsule reconstruction. These allografts are gamma-irradiated in their final packaging to achieve an SAL of 10⁻⁶.

Product Number	Product Description
FAS2061	Fascia, Freeze Dried, 1-24 cm ²
FAS2062	Fascia, Freeze Dried, 25-49 cm ²
FAS2063	Fascia, Freeze Dried, 50-100 cm ²
FAS2064	Fascia, Freeze Dried, 101-150 cm ²
FAS2065	Fascia, Freeze Dried, 151-200 cm ²
FAS2066	Fascia, Freeze Dried, 201-250 cm ²



Structural Bone Grafts

Parametrics Medical offers a wide selection of structural bone grafts. These allografts are gamma-irradiated in their final packaging to achieve an SAL of 10⁻⁶.

Backfill Plug, 20-25mm L (for use with COR® Precision Targeting System)

Cancellous backfill plugs, designed for use with the COR® Precision Targeting System, are used to fill autograft harvest sites created during the repair of osteochondral defects. The osteoconductive backfill plugs act as a scaffold for the growth of natural bone and may reduce the risk of donor site morbidity. The backfill plugs are gamma-irradiated in their final packaging to achieve an SAL of 10⁻⁶.

Product Number	Product Description
OSCOR2004	Backfill Plug, Ambient, Hydrated, 4 mm
OSCOR2006	Backfill Plug, Ambient, Hydrated, 6 mm
OSCOR2008	Backfill Plug, Ambient, Hydrated, 8 mm
OSCOR2010	Backfill Plug, Ambient, Hydrated, 10 mm

Bone Dowel

Allograft bone dowels are commonly used for ACL revision tunnel backfill. The cylindrical graft with cortical face, cancellous body, and a pilot hole is designed to provide an immediate scaffold that may help restore the open void and promotes natural bone growth. The bone dowels are gamma-irradiated in their final packaging to achieve an SAL of 10⁻⁶.

Product Number	Product Description
OSCLD2007-9	Bone Dowel, Freeze Dried, 9 mm
OSCLD2007-10	Bone Dowel, Freeze Dried, 10 mm
OSCLD2007-12	Bone Dowel, Freeze Dried, 12 mm
OSCLD2007-14	Bone Dowel, Freeze Dried, 14 mm
OSCLD2007-16	Bone Dowel, Freeze Dried, 16 mm
OSCLD2007-9F	Bone Dowel, Frozen, 9 mm
OSCLD2007-10F	Bone Dowel, Frozen, 10 mm
OSCLD2007-12F	Bone Dowel, Frozen, 12 mm
OSCLD2007-14F	Bone Dowel, Frozen, 14 mm
OSCLD2007-16F	Bone Dowel, Frozen, 16 mm

Structural Bone Grafts

Parametrics Medical offers a wide selection of structural bone grafts. These allografts are gamma-irradiated in their final packaging to achieve an SAL of 10⁻⁶.

Tri-Cortical Block

Product Number	Product Description
OSITB2035	Ilium, Tri-Cortical Block, Freeze Dried, 1.0 cm
OSITB2036	Ilium, Tri-Cortical Block, Freeze Dried, 1.1-1.4 cm
OSITB2037	Ilium, Tri-Cortical Block, Freeze Dried, 1.5-1.9 cm
OSITB2038	Ilium, Tri-Cortical Block, Freeze Dried, 2.0-2.9 cm
OSITB2039	Ilium, Tri-Cortical Block, Freeze Dried, 3.0-3.9 cm
OSITB2040	Ilium, Tri-Cortical Block, Freeze Dried, 4.0-4.9 cm
OSITB2041	Ilium, Tri-Cortical Block, Freeze Dried, 5.0+ cm
OSITB2035F	Ilium, Tri-Cortical Block, Frozen, 1.0 cm
OSITB2036F	Ilium, Tri-Cortical Block, Frozen, 1.1-1.4 cm
OSITB2037F	Ilium, Tri-Cortical Block, Frozen, 1.5-1.9 cm
OSITB2038F	Ilium, Tri-Cortical Block, Frozen, 2.0-2.9 cm
OSITB2039F	Ilium, Tri-Cortical Block, Frozen, 3.0-3.9 cm
OSITB2040F	Ilium, Tri-Cortical Block, Frozen, 4.0-4.9 cm
OSITB2041F	Ilium, Tri-Cortical Block, Frozen, 5.0+ cm

Tri-Cortical Strip

Product Number	Product Description
OSITS2040	Ilium Tricortical Strip, Freeze Dried, Small
OSITS2045	Ilium Tricortical Strip, Freeze Dried, Medium
OSITS2050	Ilium Tricortical Strip, Freeze Dried, Large

Structural Bone Grafts

Parametrics Medical offers a wide selection of structural bone grafts. These allografts are gamma-irradiated in their final packaging to achieve an SAL of 10⁻⁶.

Ilium

Product Number	Product Description
OSIH2055	Ilium, Hemi, Freeze Dried
OSIH2055F	Ilium, Hemi , Frozen
OSIW2056F	Ilium, Whole, Frozen

Cancellous Bone Block

Product Number	Product Description
OSCLB2009-1	Cancellous Bone Block, Freeze Dried 1.7-2.2x2.5-3.5 cm
OSCLB2009-2	Cancellous Bone Block, Freeze Dried 1.0-1.5x2.5-3.5 cm



Cortical Strut

Product Number	Product Description
OSCS2002	Cortical Strut, Freeze Dried, All Sizes
OSCS2002F	Cortical Strut, Frozen, All Sizes



Humerus

Product Number	Product Description
OSHHD1148F	Humerus, Distal, Frozen
OSHP2052F	Humerus, Proximal (L,R), Frozen
OSHPT2053F	Humerus, Proximal w/ Soft Tissue, Frozen
OSHS2053	Humerus, Shaft, Freeze Dried
OSHS2053F	Humerus, Shaft, Frozen
OSHH2051F	Humerus Head, Frozen
OSHW2054F	Humerus, Whole (L,R), Frozen



Structural Bone Grafts

Parametrics Medical offers a wide selection of structural bone grafts. These allografts are gamma-irradiated in their final packaging to achieve an SAL of 10⁻⁶.

Radius

Product Number	Product Description
OSRD2064F	Radius, Distal- (L,R), Frozen
OSRP2065F	Radius, Prox - (L,R), Frozen
OSRS2063	Radius, Segment, Freeze Dried
OSRS2063F	Radius, Segment, Frozen

Femur

Product Number	Product Description
OSFS2016	Femur Shaft, Freeze Dried, < 11.0 cm
OSFS2016F	Femur Shaft, Frozen, < 11.0 cm
OSFSL2017	Femur Shaft, Freeze Dried, > 11.0 cm
OSFSL2017F	Femur Shaft, Frozen, > 11.0 cm
OSFS2025	Femur Shaft, Split One Per Pack, Freeze Dried
OSFS2025F	Femur Shaft, Split One Per Pack, Frozen
OSFD2030F	Femur, Distal (L,R), Frozen
OSFPH2031F	Femur, Prox. w/Head (L,R), Frozen
OSFWH2034F	Femur, Whole w/ Head (L,R), Frozen
OSFP2001	Femur Plate, Freeze Dried, ≥15cm <20cm
OSFP2000	Femur Plate, Freeze Dried, ≥ 20cm
OSFSG2018	Femur Segment, Freeze Dried
OSFSG2018F	Femur Segment, Frozen
OSHFCFL2195F	Hemi Femoral Condyle, Lateral, Frozen
OSHFCFM2195F	Hemi Femoral Condyle, Medial, Frozen
OSFH2015	Femoral Head w/o Cartilage, Freeze Dried
OSFH2015F	Femoral Head w/o Cartilage, Frozen



Structural Bone Grafts

Parametrics Medical offers a wide selection of structural bone grafts. These allografts are gamma-irradiated in their final packaging to achieve an SAL of 10⁻⁶.

Patella

Product Number	Product Description
OSPW2042	Patellar Wedge, Freeze Dried
OSPW2042F	Patellar Wedge, Frozen



Tibia

Product Number	Product Description
OSTD2070	Tibia, Distal, Freeze Dried
OSTD2070F	Tibia, Distal, Frozen
OSTPP1181F	Tibia Proximal w/Patella Ligament (L,R), Frozen
OSTPP1182F	Tibia Proximal with Tuberosity (L,R), Frozen
OSTPP2073F	Tibia Proximal without Patella Ligament, Frozen
OSTD2071	Tibia Shaft, Freeze Dried
OSTD2071F	Tibia, Shaft, Frozen
OSTIB2001	Tibia, Shaft Split, Freeze Dried
OSTIB2001F	Tibia, Shaft Split, Frozen
OSTP2001	Tibia Plate ≥15cm <20cm, Freeze Dried
OSTP2000	Tibia Plate ≥20cm, Freeze Dried
OSTS2074	Tibia Segment, Freeze Dried
OSTW2074F	Tibia, Whole (L,R), Frozen



Structural Bone Grafts

Parametrics Medical offers a wide selection of structural bone grafts. These allografts are gamma-irradiated in their final packaging to achieve an SAL of 10⁻⁶.

Fibula

Product Number	Product Description
OSFD2040F	Fibula, Distal (L,R), Frozen
OSFP2041F	Fibula, Proximal (L,R), Frozen
OSFS2029	Fibula, Segment ≤5cm, Freeze Dried
OSFS2029F	Fibula, Segment ≤5cm, Frozen
OSFS2030	Fibula, Segment 6-10 cm, Freeze Dried
OSFS2030F	Fibula, Segment 6-10 cm, Frozen
OSFS2031	Fibula, Segment 11+ cm, Freeze Dried
OSFS2031F	Fibula, Segment 11+ cm, Frozen
OSFW2043F	Fibula Whole (L,R), Frozen

Talus

Product Number	Product Description
OSTAL2060F	Talus (L,R), Frozen



References

1. DePuy Synthes. Method to Measure Contact Areas Under Sutures and DERMIS ON DEMAND Allograft. ADAPTIV #103649074.
2. DePuy Synthes. Simulated Use Time Report. ADAPTIV #103662627.
3. DePuy Synthes. Histopathology Report. ADAPTIV #103579435.

*Animal models may not reflect human clinical outcomes.



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ParametricsMedical

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sales@parametricsmedical.com

1.888.494.2240

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