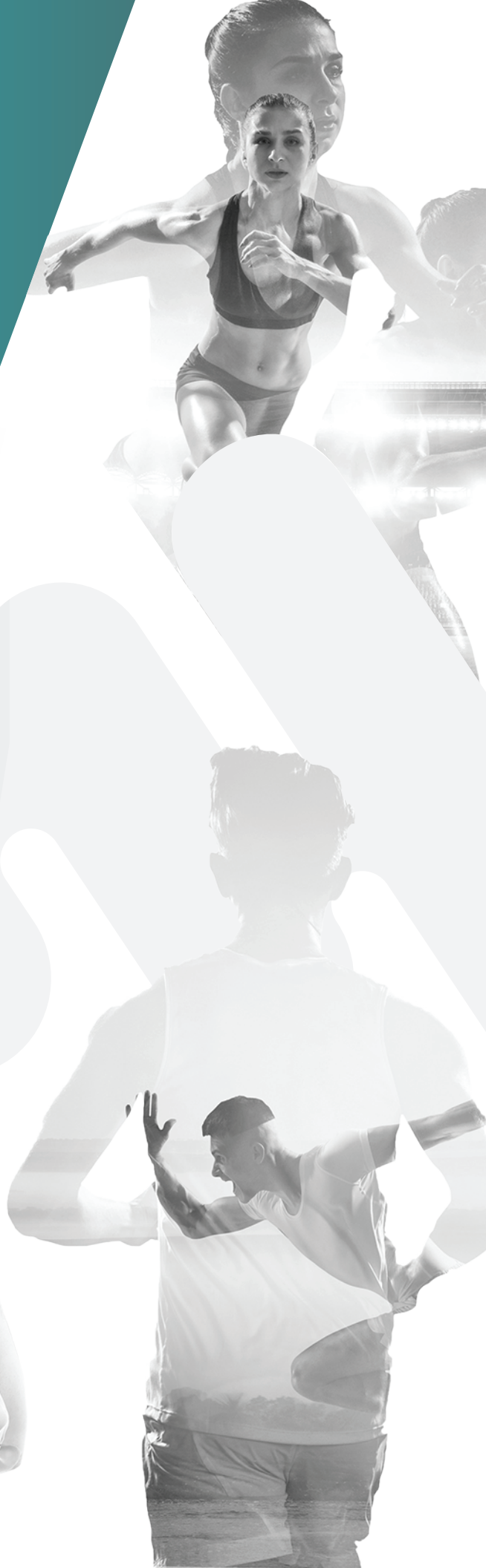




Pinnacle Transplant Technologies™
Improving today. Advancing tomorrow.

Product Catalog



Pinnacle Transplant Technologies

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About Pinnacle Transplant Technologies

Pinnacle Transplant Technologies is a multi-service tissue bank committed to honoring the gift of donation and improving patient's quality of life through the processing and distribution of high-quality allograft implants. We offer a comprehensive portfolio of products and solutions across multiple market segments, including Spine, Sports Medicine, Orthopedics, Trauma, Dental, and Regenerative Medicine. For over a decade, Pinnacle has helped surgeons improve the lives of thousands of patients.

Pinnacle is registered with the Food and Drug Administration (FDA), accredited by the American Association of Tissue Banks (AATB) and maintains all applicable state licenses. Safety and quality are our priority. We partner with tissue recovery organizations across the US to acquire donated tissue and are committed to delivering quality customer service and solutions to our partners, customers, and healthcare professionals.




Pinnacle's global headquarters are located in Phoenix, AZ, from where all tissue is processed and distributed.

Pinnacle's Mission:

Improve Today, Advance Tomorrow, Honor the Gift.

Accreditations, Registrations & Licenses

Pinnacle maintains a quality assurance program that complies with applicable federal (21 CFR 1271 and 21 CFR 210/211) & state regulations and implements industry best practices & standards.

| | | | |
|--|---|--|---|
|  <p>Registered as a Tissue Establishment with the US Food and Drug Administration (FDA)</p> |  <p>Accredited by the American Association of Tissue Banks (AATB) for processing, storage & distribution of birth tissue, skin & musculoskeletal tissue for transplantation & research</p> |  <p>State tissue bank licensure/registration in:</p> <ul style="list-style-type: none">• California• Florida• Maryland• New York• Delaware• Illinois• Oregon |  <p>International registrations with:</p> <ul style="list-style-type: none">• Canada (CTO)• South Korea• Mexico• Saudi Arabia• Taiwan• Colombia• Bolivia |
|--|---|--|---|

Safety & Quality

Pinnacle prepares donated tissue for transplantation through extensive testing and screening, and validated sterilization processes. Each donor is subject to a thorough eligibility evaluation, including a donor risk assessment interview with the family, medical records review, infectious disease testing, autopsy report review (if performed), and physical assessment. Based on all screening and testing results, donor tissue is determined to be suitable for transplant by our Medical Director. Only donors that meet Pinnacle's rigorous criteria are released to processing.

Our controlled tissue processing environment and procedures are designed to ensure allograft tissue quality and safety. Pinnacle's tissue sterilization process allows bone and soft tissue to maintain biomechanical integrity while achieving a sterility assurance level (SAL) of 10^{-6} .

The Highest Standards From Tissue Recovery Through Processing



TISSUE RECOVERY

Recovery of donated tissue is performed by our recovery partners across the U.S. using surgical procedures to minimize contamination and bioburden.



DONOR ELIGIBILITY

Donor Services compiles and reviews all the required documentation prior to sending to our Medical Director for final eligibility determination.



DONOR SCREENING

Each donor is subject to a thorough eligibility evaluation, including a donor risk assessment interview with the family, serology testing, and review of medical records, recovery records, and Medical Examiners report (if applicable).



TISSUE PROCESSING

Tissue undergoes a proprietary series of disinfection soaks & mechanical agitation to decontaminate the tissue, remove blood & lipids, and reduce bioburden. A sterile rinse is then performed to remove residual processing reagents, blood or lipids.



SEROLOGICAL TESTING

- HBsAg
- HIV NAT
- WNV NAT*
- HBcAb
- HCVAAb
- HTLV I/IIAb*
- HBV NAT
- HCV NAT
- RPR/STS
- HIV1/2/OAb



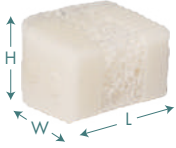

TISSUE STERILIZATION

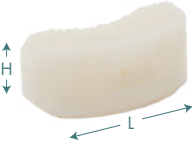
Allografts are terminally sterilized for an additional level of safety, achieving a sterility assurance level (SAL) of 10^{-6} , while maintaining biomechanical integrity of the tissue.

*Birth tissue only

Spine




| Demineralized Bone | | | | |
|---|----------------------------------|------------------|--------------|------------------|
| | Product Description | Size (L x W x H) | Product Code | Storage |
|  | Evoke™ Demineralized Bone Fibers | 1cc | EVOKE-DBF-01 | Room Temperature |
| | | 2.5cc | EVOKE-DBF-02 | |
| | | 5cc | EVOKE-DBF-05 | |
| | | 10cc | EVOKE-DBF-10 | |
|  | APEX DBM Putty | 1cc | DBM-APX-01 | Room Temperature |
| | | 2.5cc | DBM-APX-02 | |
| | | 5cc | DBM-APX-05 | |
| | | 10cc | DBM-APX-10 | |
|  | APEX DBM Crunch | 1cc | DBM-APX-01C | Room Temperature |
| | | 2.5cc | DBM-APX-02C | |
| | | 5cc | DBM-APX-05C | |
| | | 10cc | DBM-APX-10C | |
|  | APEX DBM Fiber Putty | 1cc | APX-FP-01 | Room Temperature |
| | | 2.5cc | APX-FP-02 | |
| | | 5cc | APX-FP-05 | |
| | | 10cc | APX-FP-10 | |
|  | APEX DBM Fiber Putty Plus | 1cc | APX-FPP-01 | Room Temperature |
| | | 2.5cc | APX-FPP-02 | |
| | | 5cc | APX-FPP-05 | |
| | | 10cc | APX-FPP-10 | |
|  | APEX DBM Fiber | 2.5cc | APX-FBR-02 | Room Temperature |
| | | 5cc | APX-FBR-05 | |
| | | 10cc | APX-FBR-10 | |
|  | APEX DBM Sponge Strips | 50 x 10 x 5mm | DBM-SS-10 | Room Temperature |
| | | 50 x 15 x 5mm | DBM-SS-1550 | |
| | | 26 x 20 x 7mm | DBM-SS-25 | |
| | | 35 x 20 x 7mm | DBM-SS-30 | |
| | | 50 x 20 x 7mm | DBM-SS-35 | |
|  | APEX DBM Sponge Blocks | 10 x 10 x 10mm | DBM-SBL-10 | Room Temperature |
| | | 12 x 12 x 12mm | DBM-SBL-12 | |
| | | 14 x 14 x 14mm | DBM-SBL-14 | |

| Cervical Spacers* | | | | |
|--|---|--------------------|--------------|------------------|
| | Product Description | Size (L x W x H) | Product Code | Storage |
|  | Assembled Cervical Lordotic Spacer (Saline) | 14.5 x 11.5 x 6mm | AC-06L | Room Temperature |
| | | 14.5 x 11.5 x 7mm | AC-07L | |
| | | 14.5 x 11.5 x 8mm | AC-08L | |
| | | 14.5 x 11.5 x 9mm | AC-09L | |
| | | 14.5 x 11.5 x 10mm | AC-10L | |
| | | 14.5 x 11.5 x 11mm | AC-11L | |
| | | 14.5 x 11.5 x 12mm | AC-12L | |
|  | Lordotic Cortical Cervical Spacer (Saline) | 14 x 11 x 5mm | PTT-LCCS-05S | Room Temperature |
| | | 14 x 11 x 6mm | PTT-LCCS-06S | |
| | | 14 x 11 x 7mm | PTT-LCCS-07S | |
| | | 14 x 11 x 8mm | PTT-LCCS-08S | |
| | | 14 x 11 x 9mm | PTT-LCCS-09S | |
| | | 14 x 11 x 10mm | PTT-LCCS-10S | |

| Lumbar Spacers* | | | | |
|---|----------------------|--------------|--------------|------------------|
| | Product Description | Size (H x L) | Product Code | Storage |
|  | PLIF Spacer (Saline) | 7 x 23mm | PTT-PLIF-07S | Room Temperature |
| | | 9 x 23mm | PTT-PLIF-09S | |
| | | 11 x 23mm | PTT-PLIF-11S | |
| | | 13 x 23mm | PTT-PLIF-13S | |
| | | 15 x 23mm | PTT-PLIF-15S | |

*Build to order - longer lead times may apply

Allograft Chips

| | Product Description | Size | Product Code | Storage |
|---|---|-------|--------------|------------------|
|  | Cancellous Chips Crushed 1-4mm | 5cc | CCH-1405 | Room Temperature |
| | | 15cc | CCH-1415 | |
| | | 30cc | CCH-1430 | |
| | | 60cc | CCH-1460 | |
|  | Cancellous Chips 1-8mm | 5cc | CCH-1805 | Room Temperature |
| | | 15cc | CCH-1815 | |
| | | 30cc | CCH-1830 | |
| | | 60cc | CCH-1860 | |
|  | Cancellous Chips 4-10mm | 5cc | CCH-41005 | Room Temperature |
| | | 15cc | CCH-41015 | |
| | | 30cc | CCH-41030 | |
| | | 60cc | CCH-41060 | |
|  | Cortical Cancellous Chips Crushed 1-4mm | 5cc | MIX-05 | Room Temperature |
| | | 15cc | MIX-15 | |
| | | 30cc | MIX-30 | |
| | | 60cc | MIX-60 | |
|  | APEX DBM Cancellous Chips 1-4mm | 2.5cc | DBM-CCH-02 | Room Temperature |
| | | 5cc | DBM-CCH-05 | |
| | | 10cc | DBM-CCH-10 | |



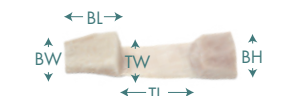


Sports Medicine

Non-Bone Tendons

| | Product Description | Size (TL x FD x SSD)* | Product Code | Storage |
|--|---------------------------|------------------------|--------------|---------|
|  | Semitendinosus Tendon | ≥200mm x ≥4.5mm x ≥3mm | ST-11 | Frozen |
|  | Gracilis Tendon | ≥200mm x ≥4.5mm x ≥3mm | GR-11 | Frozen |
|  | Tibialis Anterior Tendon | ≥220mm x ≥8mm | ATBT-11 | Frozen |
|  | Tibialis Posterior Tendon | ≥220mm x ≥8mm | PTT-11 | Frozen |
|  | Peroneus Longus Tendon | ≥220mm x 7mm | PL-11 | Frozen |

*TL = Tendon Length, FD = Folded Diameter, SSD = Single Strand Diameter




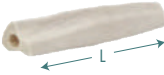
Tendons with Bone Block

| | Product Description | Size (TL x TW, BL x BW/D x BH)* | Product Code | Storage |
|---|--|---|--------------|---------|
|  | Patellar Tendon, Whole (BTB) | 30-53mm x ≥14mm, 25-30mm x ≥14mm x ≥12mm | PW-11 | Frozen |
|  | Patellar Tendon, Hemi (BTB) | 30-53mm x ≥10mm, 25-30mm x ≥10mm x ≥10mm | PH-11 | Frozen |
|  | Patellar Tendon, Pre-Shaped Hemi (BTB) | 30-53mm x ≥10mm, 25-30mm x 9.1-9.9mm | PTT-BTB-PS | Frozen |
|  | Achilles Tendon | ≥180mm x ≥10mm, 25-30mm x ≥14mm x ≥14mm | ACT-11 | Frozen |

*TL = Tendon Length, TW = Tendon Width, BL = Bone Length, BW/D = Bone Width/Diameter, BH = Bone Height



Orthopedics

Structural Grafts

| | Product Description | Size (D x L)* | Product Code | Storage |
|---|------------------------|---------------------|--------------|------------------|
|  | Femoral Shaft | ≥25mm x 60-120mm | FED-11 | Room Temperature |
| | | ≥25mm x 121-200mm | FED-12 | |
|  | Femoral Cortical Strut | 15 x 100mm (1 Pack) | FCS-1 | Room Temperature |
| | | 15 x 100mm (2 Pack) | FCS-2 | |
|  | Femoral Head | ≥44mm | FH-50 | Frozen |
|  | Fibula Shaft Segment | 50mm | FISSE-3 | Room Temperature |
| | | 100mm | FISS-4 | |

*D =Diameter

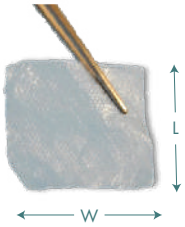
Iliac Crest Wedges

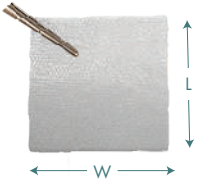
| | Product Description | Size (H x H2 x L x W) | Product Code | Storage |
|---|--|-----------------------|--------------|------------------|
|  | Unicortical Wedge (Saline) | 6 x 4 x 22 x 22mm | UCW-06 | Room Temperature |
| | | 8 x 5 x 22 x 22mm | UCW-08 | |
| | | 10 x 5 x 22 x 22mm | UCW-10 | |
| | | 12 x 5 x 22 x 22mm | UCW-12 | |
|  | Iliac Crest Wedge Parallel (Tricortical) | 8mm | ICW-08 | Room Temperature |
| | | 10mm | ICW-10 | |
| | | 12mm | ICW-12 | |
| | | 14mm | ICW-14 | |
| | | 16mm | ICW-16 | |
| | | 18mm | ICW-18 | |
| | | 20mm | ICW-20 | |



Regenerative Medicine

| Amniotic Membranes | | | | |
|---|------------------------------------|--------------|--------------|------------------|
| | Product Description | Size (L x W) | Product Code | Storage |
|  | PalinGen® Membrane (Dry) | 1 x 1cm | PM-020101 | Room Temperature |
| | | 1 x 2cm | PM-020102 | |
| | | 2 x 2cm | PM-020202 | |
| | | 2 x 3cm | PM-020203 | |
| | | 2 x 4cm | PM-020204 | |
| | | 2 x 6cm | PM-020206 | |
| | | 4 x 4cm | PM-020404 | |
| | | 4 x 6cm | PM-020406 | |
| | | 4 x 8cm | PM-020408 | |
| | | 8 x 8cm | PM-020808 | |
|  | PalinGen® Hydromembrane (Hydrated) | 1 x 1cm | PH-030101 | Room Temperature |
| | | 1 x 2cm | PH-030102 | |
| | | 2 x 2cm | PH-030202 | |
| | | 2 x 3cm | PH-030203 | |
| | | 2 x 4cm | PH-030204 | |
| | | 2 x 6cm | PH-030206 | |
| | | 4 x 4cm | PH-030404 | |
| | | 4 x 6cm | PH-030406 | |
| | | 4 x 8cm | PH-030408 | |
| | | 8 x 8cm | PH-030808 | |
|  | PalinGen® XPlus Membrane (Dry) | 1 x 1cm | XM-020101 | Room Temperature |
| | | 1 x 2cm | XM-020102 | |
| | | 2 x 2cm | XM-020202 | |
| | | 2 x 3cm | XM-020203 | |
| | | 2 x 4cm | XM-020204 | |
| | | 2 x 6cm | XM-020206 | |
| | | 4 x 4cm | XM-020404 | |
| | | 4 x 6cm | XM-020406 | |
| | | 4 x 8cm | XM-020408 | |
| | | 8 x 8cm | XM-020808 | |

| Amniotic Membranes | | | | |
|---|--|--------------|--------------|------------------|
| | Product Description | Size (L x W) | Product Code | Storage |
|  | PalinGen® XPlus Hydromembrane (Hydrated) | 1 x 1cm | XH-040101 | Room Temperature |
| | | 1 x 2cm | XH-040102 | |
| | | 2 x 2cm | XH-040202 | |
| | | 2 x 3cm | XH-040203 | |
| | | 2 x 4cm | XH-040204 | |
| | | 2 x 6cm | XH-040206 | |
| | | 4 x 4cm | XH-040404 | |
| | | 4 x 6cm | XH-040406 | |
| | | 4 x 8cm | XH-040408 | |
| | | 8 x 8cm | XH-040808 | |

| Dual-Layer Amniotic Membranes | | | | |
|---|---------------------------------------|--------------|--------------|------------------|
| | Product Description | Size (L x W) | Product Code | Storage |
|  | PalinGen® Dual Layer X-Membrane (Dry) | 2 x 3cm | DLX-020203 | Room Temperature |
| | | 4 x 4cm | DLX-020404 | |
| | | 4 x 6cm | DLX-020406 | |
| | | 4 x 8cm | DLX-020408 | |

Ordering Information

Customer Service

Phone: 623.277.5400

Email: orders@pinnacletransplant.com

Hours: Monday–Friday 8am-5pm (AZ Time)

Orders

Submit orders to:

orders@pinnacletransplant.com



Pinnacle's unique cloud-based platform for searching, reserving and ordering tendons

Contact us at 623.277.5400 for account and login information



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