



# GENESIS BIOLOGICS

**YOUR PREMIER PROVIDER FOR  
REGENERATIVE & TISSUE PRODUCTS**

# ABOUT US

## GENESIS BIOLOGICS

Since 2009, Genesis Biologics has operated as a trusted resource to the hospitals, doctors, and communities we serve. Our products are integral in bringing people back to a state of well-being, wholeness, and capability. We are committed to excellent customer service in providing safe, clinically effective allograft tissue and regenerative products using the latest technology in tissue banking. While doing so, we deeply honor and respect the wonderful altruistic gifts from donors and their families that make this all possible.

We work diligently with our source facilities to develop new allografts to meet the needs of surgeons. We also remain cognizant of the rising cost of healthcare, offering competitively priced allograft implants while ensuring safe and clinical efficacy for patients.

Genesis Biologics distributes tissue only from source facilities that maintain the highest industry standards. All our facility partners are accredited by the American Association of Tissue Banks (AATB).

### REGISTRATIONS & LICENSURE

Genesis Biologics is registered with all 50 U.S. states, the FDA and adheres to the additional state licensure requirements below:

- ▶ Licensed by the State of California Department of Health
- ▶ Licensed by the State of Florida Agency for Health Care Administration
- ▶ Licensed by the State of New York Department of Health
- ▶ Licensed by the State of Maryland Agency for Health Care Administration
- ▶ Registered with the State of Oregon Department of Health
- ▶ Registered with the State of Illinois Department of Public Health
- ▶ Registered with the State of Delaware Health and Social Services

### DONOR SCREENING

Donor screening and recovery partners meet or exceed all industry standards set forth by the American Association of Tissue Banks.

Following donation consent, an extensive evaluation process includes:

- ▶ A detailed potential donor screening and evaluation process to review medical history as well as any lifestyle or behavioral issues which may disqualify donation. Individuals identified with risk factors for or clinical evidence of relevant communicable diseases and disease agents (RCDADS) such as AIDS, viral hepatitis, sepsis, etc., are ruled out as potential donors or are later disqualified if subsequent investigation reveals high risk markers.
- ▶ An on-site review of the potential donor's relevant medical records to evaluate other rule-out conditions.
- ▶ A physical assessment of each donor candidate just prior to tissue recovery to confirm donor identity to evaluate the accuracy of medical and social history collected, and to look for signs/symptoms of other disqualifying conditions or risk factors

### INFECTIOUS DISEASE TESTS

All human tissue intended for transplantation are tested and found negative for:

- ▶ Anti-HIV 1/2
- ▶ Anti-HBc
- ▶ Anti-HCV
- ▶ Hepatitis B Surface Antigen (HBsAg)
- ▶ Nucleic Acid Test (NAT) for HIV-1
- ▶ Nucleic Acid Test (NAT) for HBV
- ▶ Nucleic Acid Test (NAT) for HCV
- ▶ Syphilis
- ▶ HTLV I/II may or may not be performed. If HTLV I/II was performed, the results are non-reactive.

Communicable disease testing is performed by a laboratory registered with the FDA and certified under CLIA.



## TISSUE RECOVERY

All recoveries are performed or supervised by technicians who have received certification by the American Association of Tissue Banks (AATB).

Environmental control is crucial during the recovery process in order to prevent contamination/cross contamination of tissue. Environments that are outside of a hospital operating room or specially designated tissue recovery room must be evaluated and meet strict environmental requirements prior to tissue recovery. Recovery of tissue begins after proper documentation is started for the purpose of evaluating and tracking each donor. Documentation is continued throughout the entire recovery process to ensure all pertinent information is recorded as set forth by the FDA and AATB. Prior to the recovery of tissue, the identity of the donor is verified, blood specimens are collected for infectious disease testing/archive, and a physical assessment of the donor is performed for signs of high risk behavior/symptoms of communicable disease, trauma, etc. In addition, photographs may also be taken for quality assurance purposes and sharing with the Medical Examiner. Only after these steps are taken can the recovery of tissues take place.

## ALLOGRAFT PROCESSING

Tissue from only one donor is processed in a room at a time; pooling of tissue from multiple donors is strictly prohibited. Our source facilities utilize proprietary techniques involving a series of mechanical and reagent cleaning and disinfection steps to reduce any potential bioburden. These cleansing processes involve a combination of biological detergents that work in conjunction with traditional treatments such as alcohol and hydrogen peroxide to enhance the solubilization and removal of bone marrow, blood, and lipids (elements that may possibly act as a reservoir for disease transmission). In addition, antibiotics are also used in the processing of allografts. The tissue to be demineralized is further processed using Hydrochloric Acid and Sodium Phosphate Buffer.

Tissue is processed when all test results are negative. Aseptically processed (Non-irradiated) tissue is not released for transplantation unless the final culture result support no bacterial growth. We also provide low-dose gamma irradiated tissue. This tissue is terminally sterilized at a range of 15kGy to 25.8kGy.

## QUALITY ASSURANCE

Our source facilities have strict donor screening criteria, recovery, and processing methods, and they request autopsies on all donors whenever possible. These safeguards are designed to prevent the introduction, transmission, or spread of communicable diseases from allografts. To further limit risks, each facility has a comprehensive Quality Assurance Program that oversees every step, from family consent to tissue distribution.

## TRACEABILITY

Genesis Biologics uses the source facilities' unique identification number for identifying tissue in order to maintain traceability at any phase of the operation. Records indicate the dates and staff involved in each step of the operation, from the time of shipping (source facility) to the final disposition of the tissues, as well as the tissue identification number(s). Laboratory and QC specimens related to a donor or tissue are maintained at the source facility and traceable to the donor via the unique identification number provided by the source facility.

**PLACE YOUR ORDERS TODAY**

**GENESISBIOLOGICS.COM**

**orders@genesisbiologics.com**

OFFICE 657.888.6243 | FAX 657.888.6257

1630 S. Sinclair Street | Anaheim, CA | 92806

# AMNION

## PURE | STERILE | NO FILLERS

### GENESIS AMNIOTIC FLUID & AMNIOTIC MEMBRANE PRODUCTS

Genesis provides quality tested amniotic fluid and amniotic membrane products for homologous uses.

### WHAT ARE AMNIOTIC ALLOGRAFTS?

Amniotic tissues are obtained from healthy mothers during planned, voluntary cesarean delivery.

- ▶ There is absolutely no harm caused to either the mother or the baby while obtaining the tissue.
- ▶ Amniotic membrane and amniotic fluid are what protect, nourish and help in the development of healthy babies while in the mother's womb.
- ▶ All mothers are pre-screened and interviewed prior to voluntarily donating the tissue from their C-section.
- ▶ After the baby is delivered safe and secure, the amniotic tissue is taken and processed for regenerative applications.

### WHAT ARE THE BENEFITS?

Amnion contains natural growth factors, chemokines, cytokines, and hyaluronic acid, there are no steroidal side effects. Application of Genesis Amniotic products helps lower inflammation and diminishes scar tissue.

### APPLICATIONS FOR GENESIS AMNIOTIC MEMBRANE

- ▶ Wound Care
  - Acute and Chronic Wound
  - Burns
  - Cesarean Site Recovery
  - Lacerations
  - Surgical Incisions
  - Skin Ulcers
- ▶ Muscle Tears
- ▶ Laminectomy
- ▶ Tendon and Nerve Covering
- ▶ Surgical Reconstruction

### APPLICATIONS FOR GENESIS AMNIOTIC FLUID

- ▶ Inflamed Nerves
- ▶ Intra-Articular Pain
- ▶ Muscle Tears
- ▶ Plantar Fasciitis
- ▶ Repetitive Motion Injuries
- ▶ Soft Tissue Injuries
- ▶ Tendonitis

### ARE THERE ANY RISKS IN USING GENESIS AMNIOTIC FLUID?

We take pride in providing you the very best products and hold them to the highest standards. With any allograft implant, there are risks. Please talk to your doctor about these possible risks. Genesis Biologics adheres to the strictest FDA and AATB guidelines for all of our allograft tissues, including our Amniotic product line up.

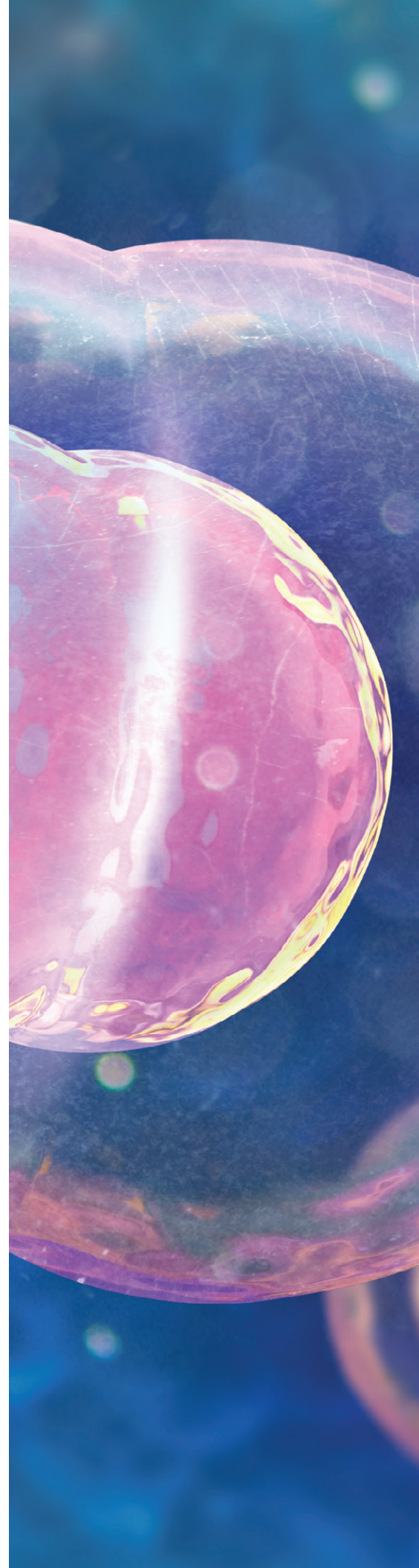
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# AMNION

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PRODUCT	DESCRIPTION	SIZE
GAM-1x1	Genesis Amniotic Membrane	1x1cm <sup>2</sup>
GAM-2x2	Genesis Amniotic Membrane	2x2cm <sup>2</sup>
GAM-2x4	Genesis Amniotic Membrane	2x4cm <sup>2</sup>
GAM-4x4	Genesis Amniotic Membrane	4x4cm <sup>2</sup>
GAM-4x6	Genesis Amniotic Membrane	4x6cm <sup>2</sup>
GAM-4x8	Genesis Amniotic Membrane	4x8cm <sup>2</sup>
GAM-7x15	Genesis Amniotic Membrane	7x15cm <sup>2</sup>

PRODUCT	DESCRIPTION	VOLUME
GAF-0.50	Genesis Amniotic Fluid	0.50mL
GAF-1.0	Genesis Amniotic Fluid	1.0mL
GAF-2.0	Genesis Amniotic Fluid	2.0mL
GAF-3.0	Genesis Amniotic Fluid	3.0mL



# PLATELET RICH PLASMA KITS

**Genesis PRP maximizes total platelets in the final product with the simplest approach**

## FEATURES & BENEFITS

- ▶ Pre-filled ACDA, eliminating a step in the procedure
- ▶ Proprietary gel component captures red and white blood cells during centrifugation
- ▶ Low remaining residual hematocrit
- ▶ 99% reduction of RBCs
- ▶ 92% reduction of WBCs
- ▶ Yields Platelet Rich and Platelet Poor Plasma
- ▶ Single 6-minute spin system with minimal steps
- ▶ Pyrogen free which reduces the chance of skin reactions
- ▶ Sterile closed system
- ▶ Available in 15mL, 30mL and 50mL sizes
- ▶ FDA cleared 510K Class II Medical Device

**Platelets are well known to release numerous growth factors that respond to tissue injury and initiate and promote conditions for healing.**

**These growth factors are:**

- ▶ **PDGF** (Platelet Derived Growth Factor)  
Cell growth, new generation and repair of blood vessels, collagen production
- ▶ **VEGF** (Vascular Endothelial Growth Factor)  
Growth and new generation of vascular endothelial cells
- ▶ **TGF- $\beta$**  (Transforming Growth Factor - Beta)  
Growth of epithelial cells, endothelial cells, promotion of wound healing
- ▶ **FGF** (Fibroblast Growth Factor)  
Tissue repair, cell growth, collagen production
- ▶ **EGF** (Epidermal Growth Factor)  
Promotion of epithelial cell growth, angiogenesis and wound healing
- ▶ **KGF** (Keratinocyte Growth Factor)  
Growth and new generation of keratinocytes

## PRP DRAW KITS CONTAIN:

- ▶ (1) butterfly needle
- ▶ (2) syringes (5ml + 10ml)
- ▶ (1) 18 gauge needle
- ▶ (1) 2" 21 gauge needle
- ▶ (1) 1.5" 25 gauge needle
- ▶ luer lock

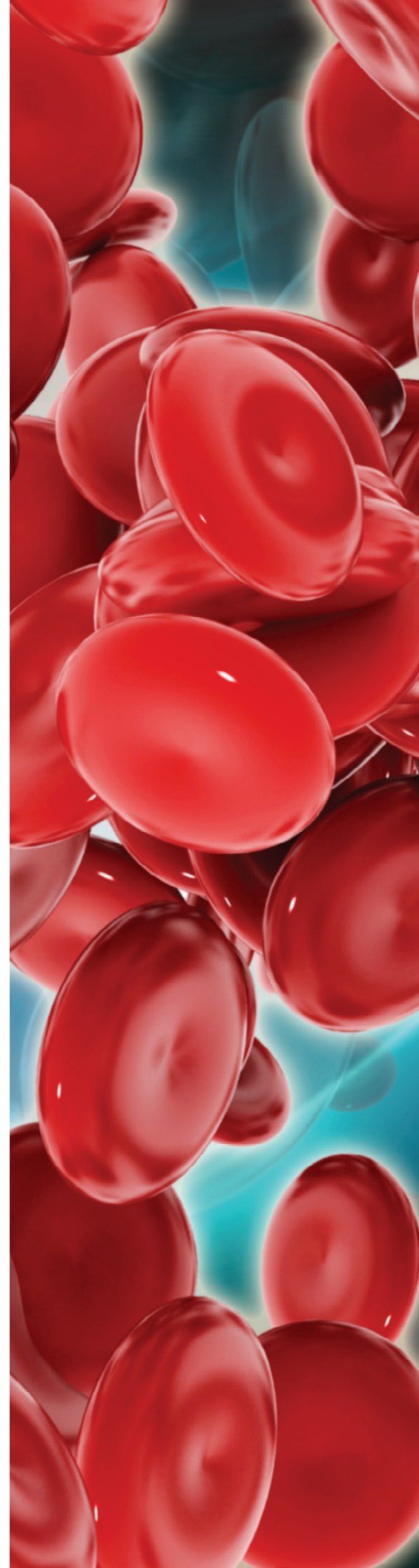
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### GB 600 CENTRIFUGE SYSTEM

- ▶ Variable speed
- ▶ Compact design
- ▶ Quiet operation



### GB 200 CENTRIFUGE SYSTEM

- ▶ Simple operation
- ▶ Versatile
- ▶ For all regenerative medicine applications (excluding SVF)

**Genesis Biologics offers multiple centrifuge options to meet your needs without compromising quality of care. The Genesis portfolio ranges from single platform to all-in-one devices that provide ultimate flexibility.**

PRODUCT	DESCRIPTION	VOLUME
GBRM1401-01-15	Genesis PRP Concentrate System 01	15mL
GBRM1401-01-30	Genesis PRP Concentrate System 01	30mL
GBRM1401-01-50	Genesis PRP Concentrate System 01	50mL

PRODUCT	DESCRIPTION
GBRM1401-01-600	GB600 Centrifuge System
GBRM1401-01-200	GB200 Centrifuge System

PRODUCT	DESCRIPTION
GBRM1400-01	Genesis PRP Draw Kit



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## **THE GENESIS BIOLOGICS DIFFERENCE**

Our entire operation ensures that our customers and their patients have the absolute best quality experience from start to finish. Our commitment to best practices, quality tissue partners, and excellent customer care is reflected in every detail.

We take pride in the relationships we've built with our customers and partners and look forward to serving their needs.

**SURPASSING YOUR EXPECTATIONS  
SINCE 2009**





# SPORTS

## TISSUE PRODUCTS

PRODUCT	DESCRIPTION	SIZE
10100F	Achilles Tendon w/Bone Block	
10101F	Achilles Tendon w/out Bone Block	
10700F	Achilles Tendon w/ Bone Block, PreShaped	10mm
10701F	Achilles Tendon w/ Bone Block PreShaped	11mm
10200F	Gracilis	
10309F	Patellar Ligament Pre-Shaped	9mm
10310F	Patellar Ligament Pre-Shaped	10mm
10311F	Patellar Ligament Pre-Shaped	11mm
10400F	Patellar Ligament Hemi	
10500F	Patellar Ligament Whole	
42300F	Peroneus Longus Tendon	
10501F	Semi-Tendinosus	
10502F	Semi-Tendinosus with Gracilis	
10600F	Tibialis Tendon Anterior	
10601F	Tibialis Tendon Posterior	
10802F	Meniscus Whole	

# DERMAL MATRIX

## TISSUE PRODUCTS

PRODUCT	DESCRIPTION	SIZE
DM510-150F	Acellular Dermis 5x10 L - Frozen	5cm x 10cm x 1.5mm
DM510-075F	Acellular Dermis 5x10 M - Frozen	5cm x 10cm x 0.75mm
DM47-305F	Acellular Dermis 4x7 XL - Frozen	4cm x 7cm x 3.5mm
DM46-075F	Acellular Dermis 4x6 M - Frozen	4cm x 6cm x 0.75mm
DM46-050F	Acellular Dermis 4x6 S - Frozen	4cm x 6cm x 0.50mm
DM44-075F	Acellular Dermis 4x4 M - Frozen	4cm x 4cm x 0.75mm
DM44-050F	Acellular Dermis 4x4 S - Frozen	4cm x 4cm x 0.50mm
DM22-075F	Acellular Dermis 2x2 M - Frozen	2cm x 2cm x 0.75mm
DM22-050F	Acellular Dermis 2x2 S - Frozen	2cm x 2cm x 0.50mm
DM11-075F	Acellular Dermis 1x1 M - Frozen	1cm x 1cm x 0.75mm

# SPINE

## TISSUE PRODUCTS

PRODUCT	DESCRIPTION	SIZE
20206F	Cervical Spacer Composite	6mm
20207F	Cervical Spacer Composite	7mm
20208F	Cervical Spacer Composite	8mm
20209F	Cervical Spacer Composite	9mm
20210F	Cervical Spacer Composite	10mm

# DEMINERALIZED

# BONE MATRIX

## TISSUE PRODUCTS

PRODUCT	DESCRIPTION	SIZE
30605	DBM Cancellous Chips	0.5cc
30601	DBM Cancellous Chips	1.0cc
30625	DBM Cancellous Chips	2.5cc
30650	DBM Cancellous Chips	5.0cc
30610	DBM Cancellous Chips	10.0cc
50005	DBM Putty	0.5cc
50101	DBM Putty	1.0cc
50102	DBM Putty	2.0cc
50125	DBM Putty	2.5cc
50105	DBM Putty	5.0cc
50110	DBM Putty	10.0cc
50201	DBM Putty with Chips	1.0cc
50225	DBM Putty with Chips	2.5cc
50250	DBM Putty with Chips	5.0cc
50210	DBM Putty with Chips	10.0cc

# CONVENTIONAL TISSUE PRODUCTS



PRODUCT	DESCRIPTION	SIZE	VOLUME
30305	Cortical Cancellous Chips	1-4mm	5cc
30315	Cortical Cancellous Chips	1-4mm	15cc
30330	Cortical Cancellous Chips	1-4mm	30cc
30345	Cortical Cancellous Chips	1-4mm	45cc
30360	Cortical Cancellous Chips	1-4mm	60cc
30390	Cortical Cancellous Chips	1-4mm	90cc
30405	Cortical Cancellous Chips	4-10mm	5cc
30415	Cortical Cancellous Chips	4-10mm	15cc
30430	Cortical Cancellous Chips	4-10mm	30cc
30445	Cortical Cancellous Chips	4-10mm	45cc
30460	Cortical Cancellous Chips	4-10mm	60cc
30490	Cortical Cancellous Chips	4-10mm	90cc

PRODUCT	DESCRIPTION	VOLUME
30505	Cancellous Cubes	5cc
30515	Cancellous Cubes	15cc
30530	Cancellous Cubes	30cc
30545	Cancellous Cubes	45cc
30560	Cancellous Cubes	60cc

PRODUCT	DESCRIPTION	SIZE
20106	Cancellous Plug – Saline	6mm
20108	Cancellous Plug – Saline	8mm
20110	Cancellous Plug – Saline	10mm

PRODUCT	DESCRIPTION	SIZE
20112	Bone Plug	12mm
20114	Bone Plug	14mm
20116	Bone Plug	16mm
20118	Bone Plug	18mm

# CONVENTIONAL TISSUE PRODUCTS

PRODUCT	DESCRIPTION	SIZE	VOLUME
30105	Cancellous Chips	1-4mm	5cc
30110	Cancellous Chips	1-4mm	10cc
30115	Cancellous Chips	1-4mm	15cc
30130	Cancellous Chips	1-4mm	30cc
30145	Cancellous Chips	1-4mm	45cc
30160	Cancellous Chips	1-4mm	60cc
30190	Cancellous Chips	1-4mm	90cc
30205	Cancellous Chips	4-10mm	5cc
30210	Cancellous Chips	4-10mm	10cc
30215	Cancellous Chips	4-10mm	15cc
30230	Cancellous Chips	4-10mm	30cc
30245	Cancellous Chips	4-10mm	45cc
30260	Cancellous Chips	4-10mm	60cc
30290	Cancellous Chips	4-10mm	90cc
30610	Cancellous Chips	1-10mm	10cc
30615	Cancellous Chips	1-10mm	15cc
30630	Cancellous Chips	1-10mm	30cc

PRODUCT	DESCRIPTION
40301	Cortical Strut

PRODUCT	DESCRIPTION	SIZE
40401	Fascia Large	151-200cm <sup>2</sup>
40402	Fascia Medium	100-150cm <sup>2</sup>
40403	Fascia Small	25-99cm <sup>2</sup>

PRODUCT	DESCRIPTION	SIZE
40410	Pericardium Large	101-150cm <sup>2</sup>
40409	Pericardium Medium	51-100cm <sup>2</sup>
40408	Pericardium Small	25-50cm <sup>2</sup>





# CONVENTIONAL TISSUE PRODUCTS

PRODUCT	DESCRIPTION	SIZE
40500F	Femur Condyle Hemi	
40800F	Femur Distal	
40900F	Femur Head	
41000	Femur Plate	<200mm
41001	Femur Plate	>201mm
41100F	Femur Proximal without head	
41101F	Femur Proximal with head	
41200	Femur Segment	<150mm
41201	Femur Shaft	>151mm
41300	Femur Shaft Bisected	

PRODUCT	DESCRIPTION	SIZE
41600	Humerus Segment	<150mm
41601	Humerus Shaft	>151mm

PRODUCT	DESCRIPTION	SIZE
47506	Evans Wedge	6mm
47508	Evans Wedge	8mm
47510	Evans Wedge	10mm
47512	Evans Wedge	12mm

# CONVENTIONAL TISSUE PRODUCTS

PRODUCT	DESCRIPTION	SIZE
41805	Ilium Tricortical Wedge	5mm
41806	Ilium Tricortical Wedge	6mm
41807	Ilium Tricortical Wedge	7mm
41808	Ilium Tricortical Wedge	8mm
41809	Ilium Tricortical Wedge	9mm
41810	Ilium Tricortical Wedge	10mm
41811	Ilium Tricortical Wedge	11mm
41812	Ilium Tricortical Wedge	12mm
41813	Ilium Tricortical Wedge	13-14mm
41815	Ilium Tricortical Wedge	15-16mm
41817	Ilium Tricortical Wedge	17-18mm
41819	Ilium Tricortical Wedge	19-20mm
41821	Ilium Tricortical Wedge	21-22mm
41826	Ilium Tricortical Wedge	>26mm
41901	Thick Tricortical Wedge	

PRODUCT	DESCRIPTION	SIZE
47406	Cotton Wedge	6mm
47407	Cotton Wedge	7mm
47408	Cotton Wedge	8mm

PRODUCT	DESCRIPTION	SIZE
41710	Tricortical Block	<1cm
41714	Tricortical Block	1.1-1.4cm
41719	Tricortical Block	1.5-1.9cm
41729	Tricortical Block	2.0-2.9cm
41739	Tricortical Block	3-3.9cm
41749	Tricortical Block	4-4.9cm
41750	Tricortical Block	>5.0cm





# CONVENTIONAL TISSUE PRODUCTS

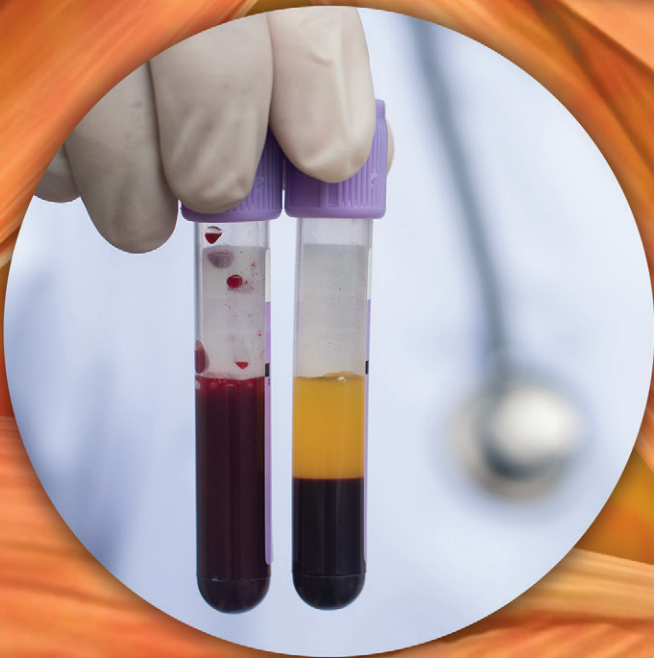
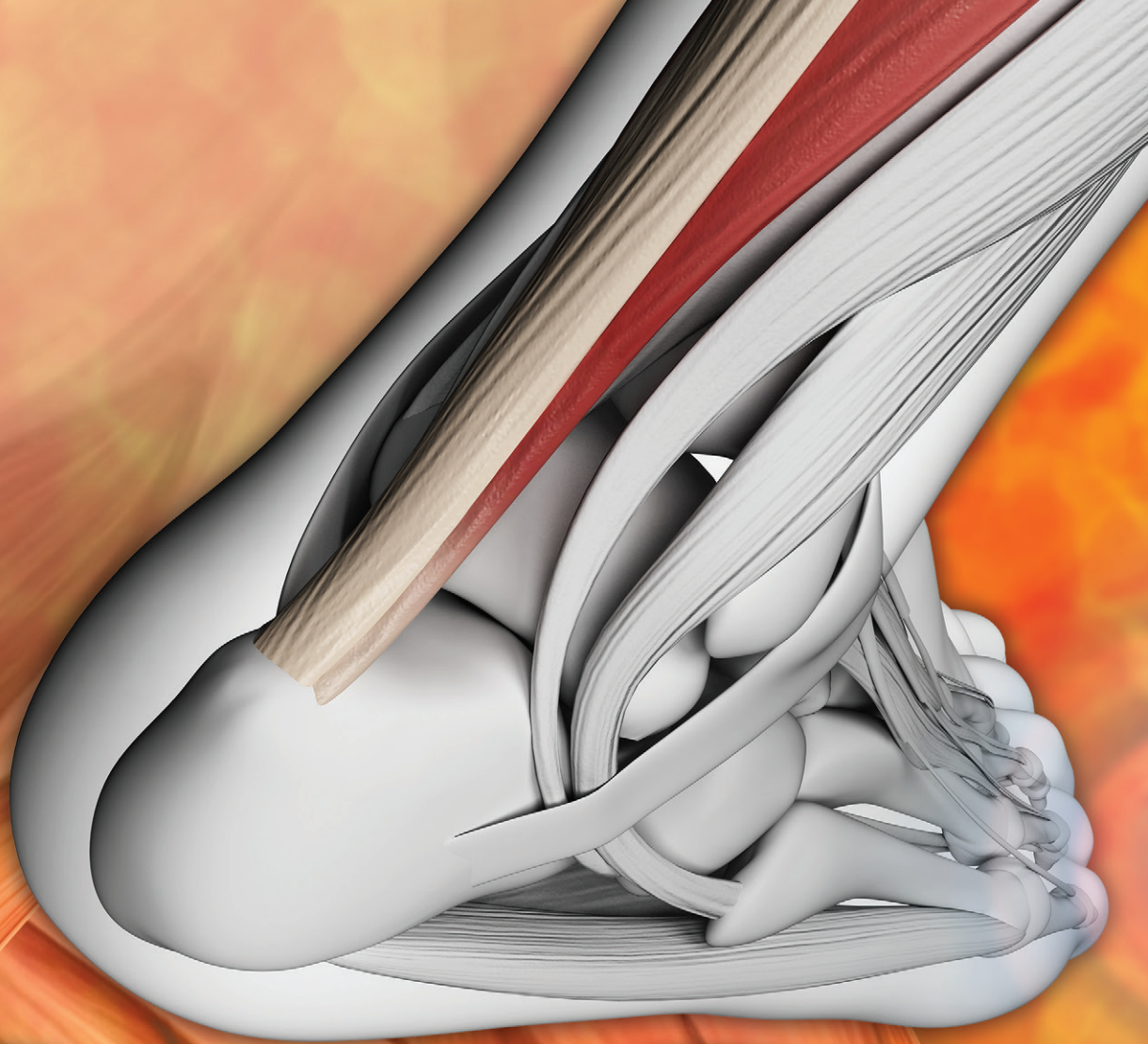
PRODUCT	DESCRIPTION
42000	Ilium Strip BiCortical
42001	Ilium Strip TriCortical

PRODUCT	DESCRIPTION	SIZE
42112	Patellar Wedge	5-12mm
42114	Patellar Wedge	13-14mm
42115	Patellar Wedge	>15mm
42750	Radius Segment	<150mm
42760	Radius Shaft	>151mm

PRODUCT	DESCRIPTION
42400	Rib

PRODUCT	DESCRIPTION	SIZE
40138	Tibia Plate Flat	
40139	Tibia Plate	<199mm
40140	Tibia Plate	>200mm
42710	Tibia Segment	<150mm
42720	Tibia Shaft	>151mm

PRODUCT	DESCRIPTION	SIZE
42730	Ulna Segment	<150mm
42740	Ulna Shaft	>151mm



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