



# **PORTFOLIO OF SURGICAL** ORTHOLOGICS

# THE REVOGEN DIFFERENCE

At RevoGen Biologics we are committed to making lives better through cutting-edge biologics. Following time-tested rigorous guidelines and delivering quality products and services to our clients is our number one goal. We are dedicated to providing the highest-quality biologics products throughout the United States.

We offer our services to the medical community and patients in order to improve quality of life. Our products meet the highest statutory, professional and legislative requirements. Through new processes and many advances in biotechnology, **RevoGen is revolutionizing bioregeneration to offer the highest quality biologics in the market to our physicians for their patients.**

## RELATIONSHIPS

At RevoGen Biologics we understand the need for stringent donor screening, rigorous procedures, and the highest quality tissues, but we also know the **importance of relationships**. In addition to providing high quality products, we want to make sure that our clients have the most optimal experience throughout their interaction with RevoGen Biologics. When problems do arise, we will work with our physicians to resolve the issue quickly and efficiently. We want to set industry standards in product quality as well as customer relationships.

RevoGen representatives  
pride themselves on  
building relationships  
that will be serviced  
around the clock.

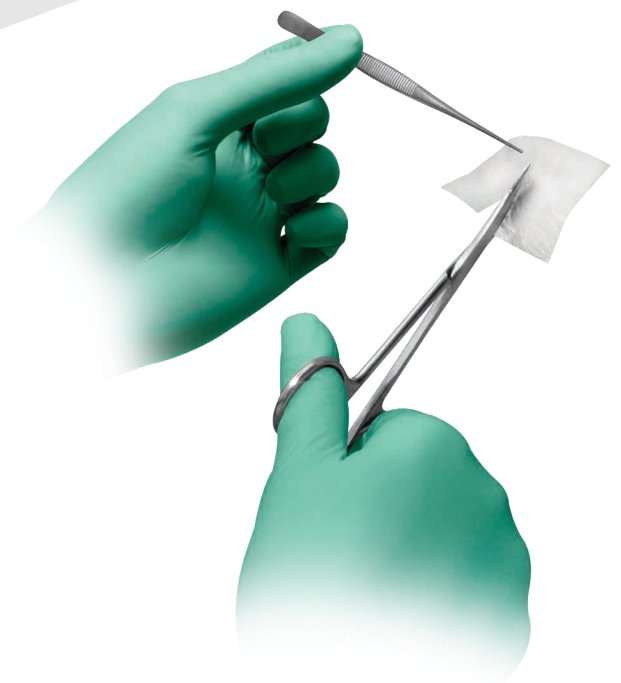
## TISSUE PROCESSING

RevoGen Biologics and our strategic partners follow rigorous guidelines and procedures to preserve allografts for their intended use. The allograft tissue recovery process begins after a prospective donor has passed our stringent screening process. Highly trained technicians operate in state-of-the-art designated clean rooms to process and prepare donor tissue. **Our dedicated team is committed to providing the highest quality allograft tissue** available and our thorough screening process is designed to ensure only uniform, high-quality donor tissue is recovered and processed for distribution.



### REVOGEN REVOSHIELD+ AMNIOTIC BARRIER & DISCS

Derived from the amniotic membrane of a placenta, RevoShield+ Amniotic Barrier is a dual layer patch that is natural, non-steroidal and can be used in various general orthopedic, reconstructive and spinal procedures. RevoShield+ Amniotic Barrier can also be used in various types of wound care and burn treatments.





## DEMINERALIZED CANCELLOUS STRIPS

Demineralized cancellous strips consist of 100% demineralized bone matrix made from a single piece of cancellous bone. Due to the compressive properties, the sponge provides a better fit in various size and shape voids, creating a better scaffold, which may assist in new bone growth.

Upon compression, the strip will expand to its original state, filling the void and minimizing the space between the graft and the host bone. DBM can be used in general orthopedic, reconstructive and spine surgery.

### Benefits:

- Easy to use
- Stays in place
- Resists irrigation
- Sterilized to SAL 10<sup>-6</sup>
- Sponge-like consistency
- Variety of sizes available
- Room temperature storage
- Osteoinductive & osteoconductive potential



## BIO-STRAND FIBERS

RevoGen Bio-Strand Fibers are 100% human cortical bone. The interwoven demineralized cortical fibers provide a unique scaffold for bone formation.

Because of their shape conforming characteristics, RevoGen Bio-Strand Fibers are an excellent bone-to-graft contact for orthopedic applications and void-filling. Their High Surface Area (HSA) make it optimal for cell absorption, retention and viability.

They have a natural osteoinductive and osteoconductive potential, with no anatomical restrictions to the size of the implants, and will not wash away with irrigation.

### Benefits:

- Easy to use
- Longer strands
- Sterilized to SAL 10<sup>-6</sup>
- Shape-conforming
- Minimal graft migration
- Hydrates quickly and uniformly
- Osteoinductive & osteoconductive potential



## DBM PUTTY

RevoGen Biologics offers DBM Putty in various sizes to properly address a wide array of procedures. These include trauma, extremities, hips, knees, foot and ankle, spine and more. Our DBM putty is formulated for ease of use and to resist irrigation.

In addition to the procedures mentioned above, our DBM putty can also be used in autologous cancellous or corticocancellous grafts.

### Benefits:

- Easy to use
- Malleable
- Stays in place
- Resists irrigation
- Quick preparation
- Sterilized to SAL 10<sup>-6</sup>
- Room temperature storage
- Osteoinductive and osteoconductive potential



We offer a broad portfolio of orthobiologic solutions to address the complexities of patient, surgeon and healthcare facility needs.

PRODUCT CODE	DESCRIPTION	SIZE
RBA2156FD	RevoGen Bio-Strand Fibers	10 cc
RBA1407FD	RevoGen DBM Putty	10 cc
RBA1510FD	Demin Cancellous Crushed/Chips	10 cc
RBA2006FD	RevoShield+ Amniotic Barrier	2x3 cm
RBA2008FD	RevoShield+ Amniotic Barrier	4x4 cm
RBA2010FD	RevoShield+ Amniotic Barrier	4x6 cm
RBA2012FD	RevoShield+ Amniotic Barrier	4x8 cm
RBA2056RT	RevoGen RT Liquid Amnion	1 ml
RBA2059RT	RevoGen RT Liquid Amnion	2 ml
RBA2206FD	Demin Cancellous Strip	50x20x5 mm
RBA2205FD	Demin Cancellous Strip	50x20x7 mm

To place an order or for additional products and information, contact us at:

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[www.RevoGenBio.com](http://www.RevoGenBio.com)



	Product Code	Description	Size
GENERAL/ORTHOPEDIC	RBA1051 - 1058	Cancellous Crushed/Chips FD: 1-4mm & 4-10vmm	5, 10, 15, 30 cc
	RBA1101 - 1103	Cancellous Cubes FD	7.5, 15, 30 cc
	RBA1151 - 1153	Cloward Dowel FD	12, 14, 16 mm
	RBA1201 - 1208	Cortical/Cancellous FD: 1-4mm & 4-10mm	5, 10, 15, 30 cc
	RBA1251 - 1252	Cortical Matchsticks FD	Small & Large
	RBA1301FD	Cortical Strut/Plate FD	
	RBA1351 - 1353	Costal Cartilage FF	up to 5.1-8, up to 5, > 8 cm
	RBA1401- 1407	DBM Putty FD	.5, 1, 2.5, 5, 10 cc
	RBA1451- 1455	DBM Putty Crush-Mix FD	.5, 1, 2.5, 5, 10 cc
	RBA1501 - 1515	Demin Cancellous Crushed/Chips FD & FF: 1-4 & 4-10mm	5, 10, 15, 30cc
	RBA1551 - 1554	Demin Cancellous Cube FD	8, 10, 12, 14 mm
	RBA1601 - 1604	Fascia Lata	1-49, 50-100, ≥ 151, 101-150 sqcm
	RBA1605 - 1607	Fascia Lata Patch	15x20, 20x30, 30x40 mm
	RBA1651FD	Femoral Head w/Neck	
	RBA1652FD	Femoral Section	up to 3 cm
	RBA1653FD	Femoral Shaft	> 6.1cm
	RBA1654 - 1655	Femoral Shaft Split	1 ppk & 2 ppk
	RBA1701 - 1702	Fibula Section	3.1 - 6 & > 6.1cm
	RBA1751 - 1753	Pericardium	15x20, 20x30, 30x40 mm
	RBA1801FD	Tibia Shaft	
SPINE	RBA1802 - 1803	Tibia Split	1 ppk & 2 ppk
	RBA1804 -1808	Tricortical Blk	8-15, 16-19, 20-29, 30-39, ≥ 40 mm
	RBA1851 -1855	Cortical ACF: 11x14 5°	5 - 9 mm
AMNIO	RBA1901 -1905	Cortical Cervical Button	12 x 5-9 mm
	RBA1951 -1955	Cortical Disc Cervical Spacer	5 - 9 mm
	RBA2001 - 2005	RevoShield+ Amniotic Disc	8, 10, 12, 14, 16 mm
SPECIALTY GRAFTS	RBA2006 - RB2012	RevoShield+ Amniotic Barrier	2x3, 3x4, 4x4, 4x6, 4x8 cm
	RBA2051 - RB2059	RevoGen Liquid Amnion FF & RT	.25, .5, 1, 2 ml
	RBA2101 - RB2104	Bio-Matrix Fiber+	2, 5, 10, 20 cc
	RBA2151 - RB2157	RevoGen Bio-Strand Fibers	5, 10, 20 cc
	RBA2201 - RB2210	Demin Strip (1 & 2 per package)	multiple sizes

## DONOR SCREENING AND RECOVERY

RevoGen Biologics and our strategic partners go to great lengths when screening, recovering, processing, storing and distributing donor tissue. It is our common goal to treat each donor and their families with the utmost respect and to maximize the benefit for our allograft tissue recipients.

When screening donors and recovering tissue, the highest standards must be upheld. Each prospective donor is put through a comprehensive screening process, including medical and social history evaluations that are in accordance with Food and Drug Administration (FDA) regulations and American Association of Tissue Banks (AATB) standards. Upon receiving consent from the donor's family, qualified personnel perform and document a physical examination of the prospective donor. Following the physical examination, a full review of the donor's medical records is then performed. Finally, if the prospective donor is approved, the donor tissue is then tested by a CLIA certified, FDA-registered laboratory.

These tests include, but are not limited to the following:

- Anti-HBc
- Anti-HIV Type 1 & 2
- HIV-1 and HCV (NAT)
- Anti-HCV
- HBsAg
- Syphilis

## PASCO<sub>2</sub> TECHNOLOGY

The revolutionary PASCO<sub>2</sub> sterilization process is a new and improved way to sterilize allograft tissues. This new, advanced process allows for sterilization without the use of irradiation. The process relies on supercritical carbon dioxide to extract and remove unwanted compounds from soft tissue.

Using an optimal balance of pressure and temperature, the allograft tissue is prepared to help facilitate a problem-free tissue transplant. The PASCO<sub>2</sub> process maximizes the bio-compatibility and mechanical integrity in donor tissue and does not jeopardize the tensile strength and elastic properties of the connective tissue. The PASCO<sub>2</sub> process is excellent for use in sports medicine and other soft tissue allografts.

## QUALITY ASSURANCE

RevoGen Biologics' goal is to serve our patients and physicians with the highest quality biologics products available. Along with our strategic partners, we adhere to strict policies and detailed standard operating procedures in all facets of the donor screening and tissue recovery process. Frequent policy updates assure that all procedures are current with all applicable standards and regulations. Routine quality assurance audits are performed on all processes and procedures, both internal and external.

