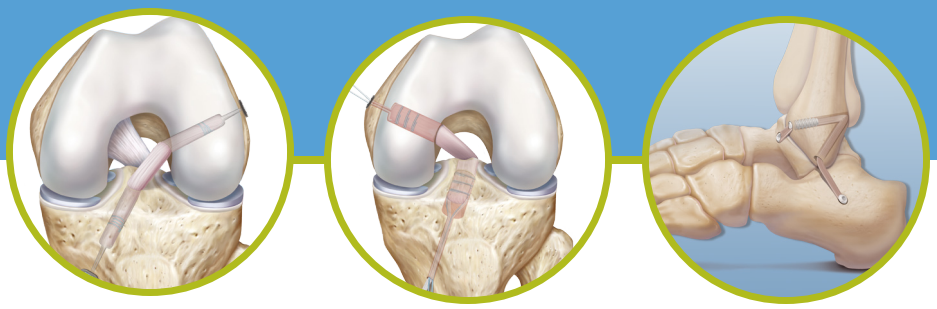
FlexiGRAFT®
SPORTS MEDICINE TENDON ALLOGRAFTS



LifeNet Health®
Saving Lives. Restoring Health. Giving Hope.

About LifeNet Health

Saving Lives, Restoring Health, and Giving Hope is Our Business.

Since 1982, LifeNet Health has helped to save lives, restore health and give hope for thousands of patients each year. It is the world's most trusted provider of transplant solutions, from organ procurement to new innovations in bio-implant technologies and cellular therapies—a leader in the field of regenerative medicine, while always honoring the donors and healthcare professionals that allow the healing process.

Our full line of allograft bio-implants provides surgeons with the tools they need to improve the lives of patients. Furthermore, we provide exemplary service to clinicians and hospitals by making the finest quality allograft implants easily accessible. With LifeNet Health as your primary bio-implant supplier, you are investing in the best possible value to ensure the well being of your patients and the reputation of your hospital.

Every year LifeNet Health distributes nearly 500,000 allograft bio-implants to meet the urgent needs of hospitals and patients around the world. Our record of safety is unmatched. And our philosophy is simple: When partnering with a bio-implant supplier, your decision should not be based solely on fee, but rather on the overall value you and your patients expect and deserve.

At LifeNet Health, we deliver that value by excelling in four critical areas:

LifeNet Health Timeline

- 1982 — Eastern Virginia Tissue Bank established.
- 1989 — Eastern Virginia Tissue Bank becomes LifeNet.
- 1995 — Allowash® cleaning technology introduced by LifeNet.
- PAD® Demineralization technology introduced by LifeNet.
- 2000 — LifeNet merges with Virginia's Organ Procurement Agency.
- 2001 — First VertiGraft® VG2® Cervical spine allograft bio-implant is implanted.
- 2006 — LifeNet merges with Florida Tissue Services, Inc. to become LifeNet Health of Florida.
- 2007 — LifeNet becomes LifeNet Health.
- Preservon® ambient storage, fully-hydrated preservation technology introduced by LifeNet Health.
- 2008 — CardioGraft® Cardiac Patch with Matracell® receives Food & Drug Administration (FDA) clearance.
- Skin & Wound Allograft Institute is established.
- OsteoCleanse® Autograft Cleaning System launched.
- 2009 — LifeNet Health Regenerative Medicine Institute established.
- 2010 — Record year in LifeNet Health allograft bio-implant distribution (over 300,000).
- ArthroFlex®, Dermacell® and Oracell® decellularized dermis is launched.
- 2012 — Northwest Tissue Services merges with LifeNet Health to become LifeNet Health Northwest.
- 2014 — Introduced the ViviGen® Cellular Bone Matrix, a differentiated cellular allograft.
- 2015 — Celebrated the 20th Anniversary of allograft sterility with our patented Allowash technology.

FlexiGRAFT Sports Medicine tendons are processed by LifeNet Health, a leader in regenerative medicine, and used in soft tissue reconstructions. LifeNet Health's provides value by our unparalleled focus on Safety and Quality. Our grafts are clinically proven in sports medicine applications to provide excellent outcomes.

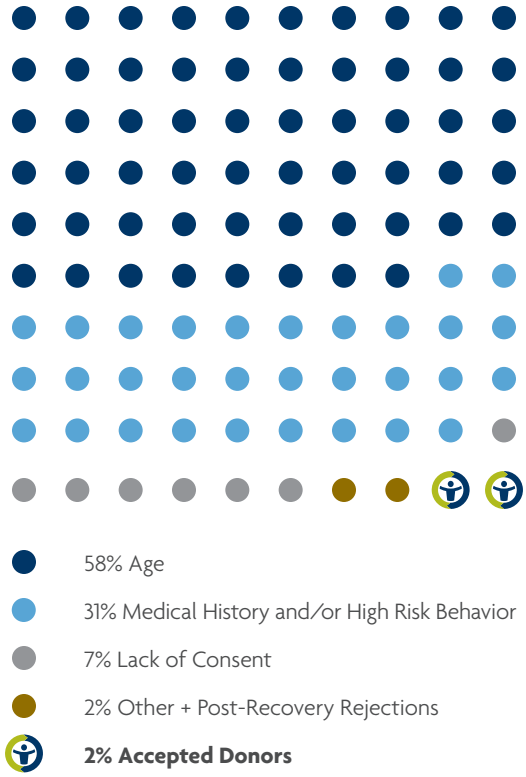
Safety

For more than 30 years, we have defined safety in the allograft industry. Our processes, quality systems, and proprietary cleaning and sterilization technologies are designed to ensure the utmost safety for your patient - reducing the probability of infection that could be caused by an allograft implant, and saving your facility unexpected costs.

- Screening and testing protocols meet or exceed AATB & FDA standards
- Qualified and inspected recovery partners
- Thorough donor screening and acceptance criteria
- Extensive serological and bacterial testing
- Controlled tissue processing
- Allowash XG®: Validated sterilization and virucidal cleaning process

Since 1995, over five million bio-implants processed using Allowash technology have been distributed by LifeNet Health with no disease transmission.

ONLY **2%** of total donors screened for transplantation are accepted by LifeNet Health.



Allowash XG, sterility without compromise

FlexiGRAFT Sports Medicine tendons are processed using Allowash XG®, a proprietary and patented sterilization process that removes greater than 99% of bone marrow and blood elements from tissue without compromising its biomechanical or biochemical properties. The final step terminally sterilizes using ultralow dose irradiation (<2.0 Mrad) at dry ice temperatures to reduce collagen damaging free radicals.

Allowash XG renders the allograft bio-implant sterile to medical device grade standards with a Sterility Assurance Level (SAL) of 10^{-6}, 1,000 times greater sterility assurance than other providers that process aseptically and/or pass a sterility test of USP<71>, and is validated to eliminate viruses. Allowash XG maintains the bio-mechanical properties of the allograft and passes ISO 10993 tests for biocompatibility. The result is a safe and effective soft tissue graft for reconstructive procedures.

Achieves medical device-grade sterility with viral inactivation

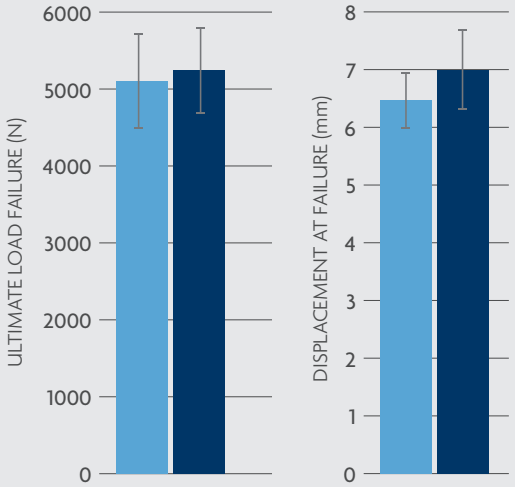
- Sterile Assurance Level (SAL) of 10^{-6}

No harsh chemicals, high pressure or high temperatures are used in Allowash XG on soft tissue grafts that can damage collagen.

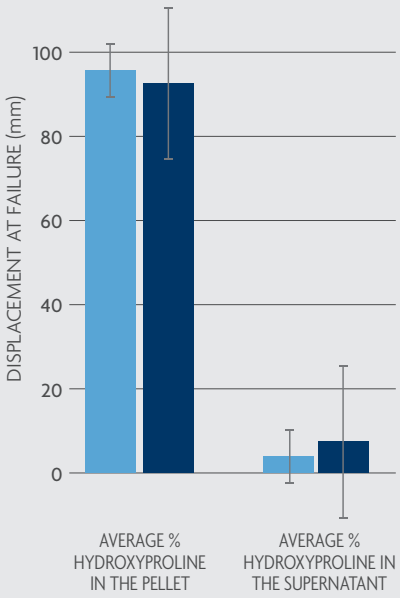
The full portfolio is sterilized using Allowash XG technology that provides a sterility assurance of 10^{-6}.

ALLOWASH XG®
The FUTURE of Allograft Bio-Implant STERILIZATION

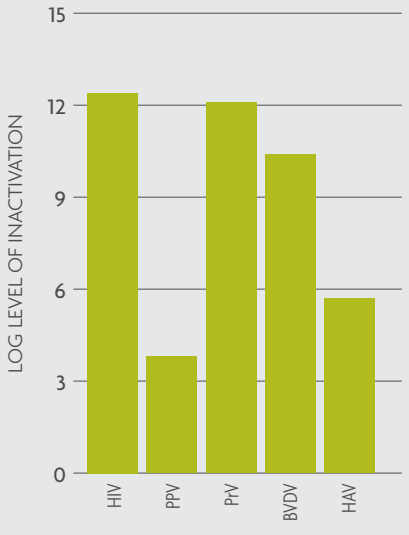
Retains mechanical strength[1]



Proven to not damage collagen[1]



Validated to inactivate viruses, including HIV.[1]



Non Irradiated **Allowash XG** **Viral Inactivation**

1: *Data on file at LifeNet Health*

Allowash XG, Quality Without Compromise

LifeNet Health's controlled tissue processing environment is designed to ensure bio-implant quality and safety. Through the consistent application of quality systems, quality control, and design control processes, LifeNet Health bio-implants are designed and manufactured to ensure the highest possible quality.

LifeNet Health

- Uses formal design control and development processes, similar to those used at major medical device companies.
- Uses only validated methods and processes in the design, development, and processing of allograft tissue.
- Exceeds US regulatory requirements for allograft tissue.
- Uses only validated storage and shipping methods.
- Our state-of-the-art facilities is engineered to eliminate the possibility of cross-contamination.

LifeNet Health certifications and memberships include:

- **AATB** (American Association of Tissue Banks)
- **CLIA** (Clinical Laboratory Improvement Amendments)
- **FDA** registration
- **ISO 13485** standard for medical devices
- Licensure in required U.S. states
- Registered and/or cleared in over 30 countries
- **UNOS** (United Network of Organ Sharing)
- **Registered with CTO** (Health Canada)

More than

40,000

Sports Medicine grafts are distributed annually with a reported complaint rate of **less than 0.5%**

FROM

Screening

TO

Packaging

LifeNet Health's Quality Control processes include h**undreds of steps to ensure quality and safety.** In many cases, our requirements are even more stringent than those required by organizations including the AATB and FDA.

Effective grafts from one of the world's most trusted tissue banks

Our extensive portfolio of implants consistently performs at the highest level because LifeNet Health has invested considerable resources performing multiple clinical studies to ensure your patients' outcomes are positive.

- More than 24 peer-reviewed publications regarding LifeNet Health tissue
- Customer relationships exceeding 25 years
- Trusted by the world's largest orthpedic companies & Hospitals

"Low-dose gamma irradiation does not negatively influence the initial biomechanical properties of tibialis allografts"

Greaves, LL, Hecker, A.T. Brown, C., "The Effect of Donor Age and Low-Dose Gamma Irradiation on the Initial Biomechanical Properties of Human Tibialis Tendon Allografts." AJSM. 2008. 36(7):1358-66

"The use of AlloWash...did not affect revision rate significantly." "A total of 5,968 primary ACLR cases with allograft were included in the study."

Tejwani SG, et. al., "Revision Risk After Allograft Anterior Cruciate Ligament Reconstruction: Association With Graft Processing Techniques, Patient Characteristics, and Graft Type" Am J Sports Med 2015

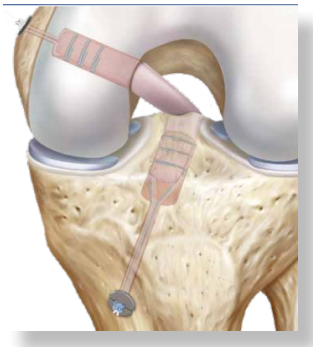
"Patients undergoing ACL reconstruction with irradiated allograft BPTB had similar clinical outcomes compared to those reconstructed with autograft BPTB."

Rihn, J.A., Irrgang, J.J., Chhabra, A. Fu, F.H., & Harner, C.D. "Does irradiation affect the clinical outcome of patellar tendon allograft ACL reconstruction?" Knee Surg Sports Traumaton Arthrosc. 2006; 14(9):885-96.

Anterior/Posterior Cruciate Ligament (ACL/PCL), or Medial/Lateral Collateral Ligament (MCL/LCL) Repair

Depending on surgeon preference, technique and fixation used, many grafts within the FlexiGraft family can be used for an ACL or PCL. Frequently used grafts include Tibialis tendons, Peroneus Longus, Patella tendons, and Achilles tendons. Achilles are often considered the gold standard for the PCL. All of these tendons can also be used for reconstructing the MCL, LCL, or Posterior Lateral Corner (PLC).

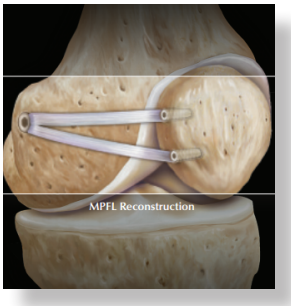
ACL



PCL

Medial Patellofemoral Ligament (MPFL) Repair

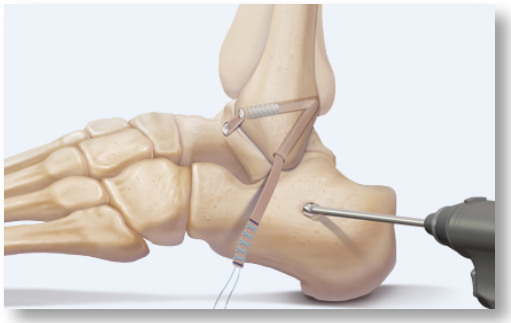
A mid sized diameter Gracilis, or Semi-Tendinosus of at least 200 mm long is a common graft for this corrective procedure.



MPFL

Lateral Ankle Reconstruction or Acromioclavicular Joint (AC)

A gracilis tendon is an appropriate choice when reconstructing the Calcaneofibular Ligament (CFL) and Anterior talofibular ligament (ATFL) or when addressing a separated Acromioclavicular (AC) Joint with allograft.



Lateral Ankle Reconstruction

Images courtesy of Arthrex

Product Portfolio

		Size	Frozen (-40C to -80C)
Patellar Ligaments	Bisected Patellar Ligament	"Bone Block: 25mm+ long X 10 mm min. insertion width (tibia side)	FBPL
	Bisected Patellar With Smaller Block	Bone Block: 20 mm+ long X 10 mm+ insertion width (tibia side)	FBPLSB
	Whole Patellar With Smaller Block	Bone Block: 20mm+ long X 20 mm+ insertion width (tibia side	FWPLSB
	Whole Patellar Ligament	Bone Block: 25mm+ long X 20 mm+ insertion width (tibia side)	FWPL
	Whole Patellar With Extra Quad	20 mm Min. insertion width Quad length 6.0 cm or greater	FWPLQ
	Pre-Shaped Patellar	Bone Block: 10 mm dia X 25 mm long dowel	FPL10
	Pre-Shaped Patellar	Bone Block: 11 mm dia X 25 mm long dowel	FPL11
Achilles Tendons	Without Bone Block	Tendon length = 160 mm or greater	FAT
	With Bone Block	>160 mm length. Bone Block: 25mm long X 10mm+ wide	FATB
	Pre-Shaped Achilles Tendon	Bone Block: 11 mm dia X 25 mm long dowel	FATB10
	Pre-Shaped Achilles Tendon	Bone Block: 11 mm dia X 25 mm long dowel	FATB11
Tibialis Tendons	Anterior Tibialis Tendon	Min. Length 230 mm Min. Diameter 7.5 mm or greater	FANT/TIB/T
	Posterior Tibialis Tendon	Min. Length 230 mm Min. Diameter 7.5 mm or greater	FPOST.TIBIAL
	Anterior Tibialis Tendon: Short Length	Length 170 - 225 mm Diameter 7.5 mm or greater	FANT-SL
	Posterior Tibialis Tendon: Short Length	Length 170 - 225 mm Diameter 7.5 mm or greater	FPOST-SL
Peroneus Tendons	Peroneus Longus Tendon	Min. Length 230 mm Min. Diameter 7.5 mm or greater	FPLT
	Peroneus Longus Tendon: Short Length	Length 170 - 225 mm Diameter 7.5 mm or greater	FPLT-SL
Hamstrings	Gracilis Tendon	Min. Length 230 mm Min. Diameter 4.0 mm or greater	FGRACILIS
	Semi-Tendinosus Tendon	Min. Length 230 mm Min. Diameter 4.0 mm or greater	FST
	Semi-Tendinosus	Measured single strand Length 160 - 180 mm Diameter 4 - 6 mm	FSTP
	Semi-Tendinosus Or Gracilis	Length 150 mm or greater Diameter 4 - 5.5 mm	FROPE
Double Bundle Non-Bone Tendons	2 POST/ANT Tibialis (Packaged Together)	Length 170 - 220 mm Diameter 6 - 7 mm	FDBLTEND
KINETIGRAFT®*		Min. Length = 80 - 90 mm Min. Diameter = 9.5 - 10.5 mm	FKG10
GraftLink®*		Length = 60 - 80 mm Diameter = 7.5 - 10.5 mm	FGL
Sutured Lateral Ankle Tendon*		Measured single strand Length = 155 mm +/- 5 mm Diameter = 4 to 5 mm	FPSST

***Not all tendons are available in all markets**

Supporting Technology

Innovation in Sterilization Processes

Our patented sterilization process renders allograft bio-implants sterile, without compromising biomechanical or biochemical properties.

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68-40-237.00

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