ProteiOS™

UNLOCK YOUR GRAFT'S POTENTIAL

A natural blend of supplemental, allograft-derived proteins.

Turn good **into great.**

It's no secret that traditional grafting methods come with limitations, often making the search for the perfect fit a challenge.

With Influx ProteiOS®, you can confidently bridge the gap.

There will never be a need to find a brand-new graft – instead, simply enhance the potential of what you already use. With a natural blend of allograft-derived proteins involved in bone formation and remodeling, ProteiOS is a perfect complement to any commercially available scaffold.

Why **ProteiOS?**

ProteiOS offers a number of distinct advantages over current products in the orthobiologic market and stands alone as a unique, first-of-its-kind supplemental product for bone grafting.

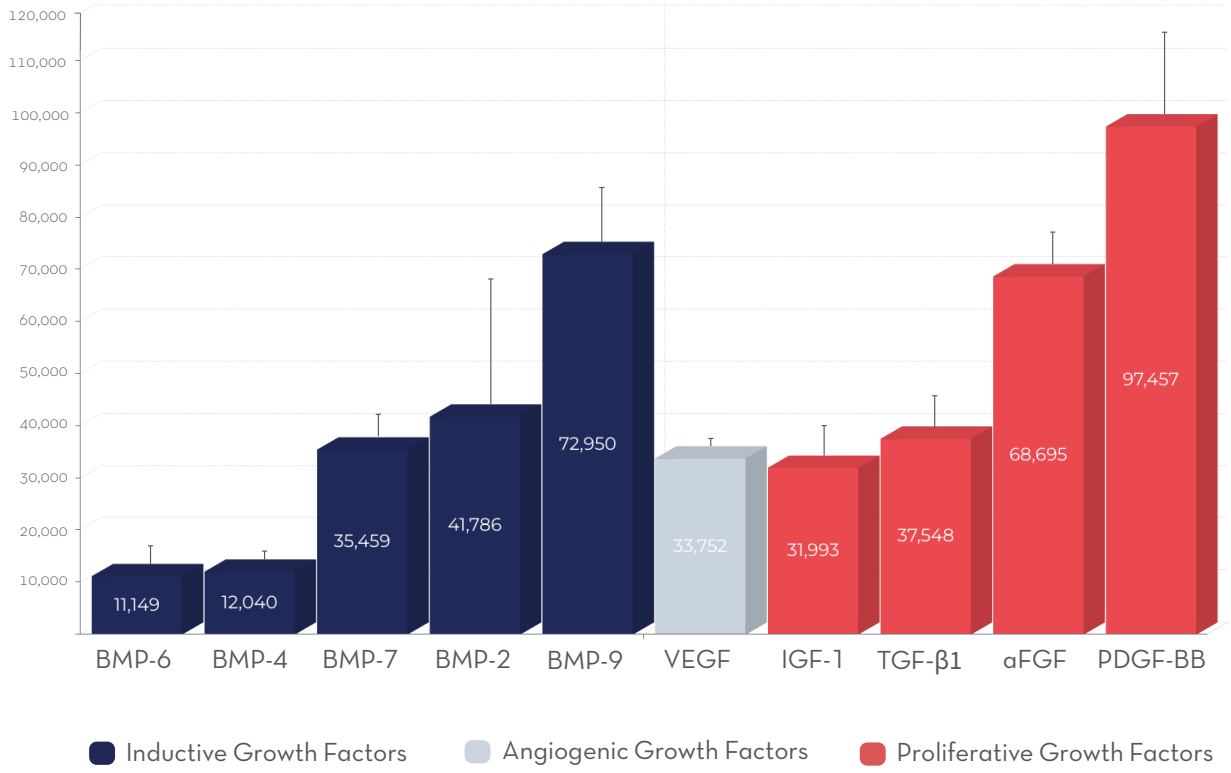
- Nearly 1,000 **unique proteins, growth factors, and peptides.**[1]
- Creates a completely **customizable graft.**
- **Safe** and **proven solution for** bone regeneration.[2, 3]

A cascade of **growth factors.**

Comprised of nearly 1,000 unique and naturally derived proteins, growth factors, and peptides harnessed through proprietary processing methods, ProteiOS provides a powerhouse of osteoinductive, angiogenic, proliferative, and chemotactic properties.[1]

- Contains the highest level of naturally derived proteins.
- High concentrations of GF include, but are not limited to, BMP-2, PDGF, TGF-1, and VEGF. [1]
- Every lot is tested for protein content to provide quantified levels of bone healing contribution.

Concentration amount of various growth factors (ng/g)



A new era in **tailored patient care.**

ProteiOS is offered in a lyophilized powder form, which upon hydration with saline or water, provides ultimate flexibility for desired growth factor concentration levels.

Designed to be used in conjunction with virtually **any commercially available scaffold**, ProteiOS can be used with your graft of choice and adapted to suit each patient's needs.

- Unlock new levels of potential within your preferred graft.
- Customize the amount added to match your specific needs.

Confidence & trust in every application.

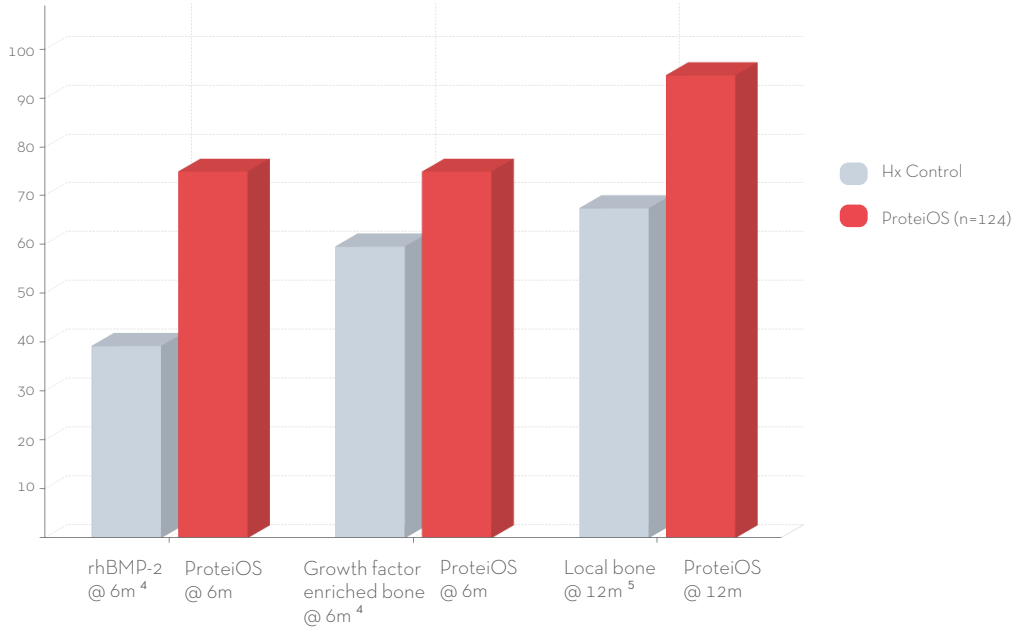
A commitment to success aligns with an unwavering dedication to safety to ensure a confident and reliable application in every surgery.

- Terminally sterilized through gamma irradiation and sourced with meticulous donor screening.
- No cellular or self-identifying antigens to elicit an immune response.

Results speak louder than words.

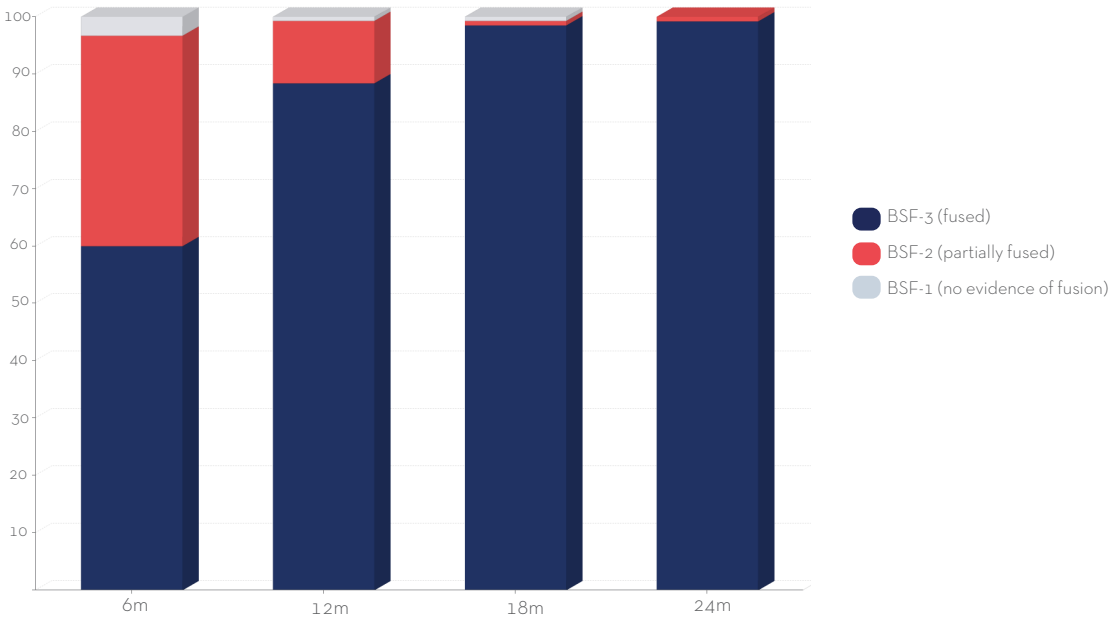
In a retrospective, peer-reviewed study utilizing ProteiOS in patients undergoing MI-TLIF procedures, ProteiOS usage delivered superior fusion rates as compared to reported fusion rates for autograft and other advanced orthobiologics products such as rhBMP-2 (Infuse™ Bone Graft, Medtronic) and growth factor enriched allograft bone (OsteoAMP®, Bioventus).[2]

Reported Fusion Rates VS. Historical Control



In an ongoing study utilizing ProteiOS in ACDF procedures, ProteiOS demonstrated an effective means to support bony remodeling in multi-level procedures to the cervical spine and proves a robust alternative to autograft when used in tandem with the scaffold of choice.[3]

Reported ACDF Fusion Rates (n=162)



Isto BIOLOGICS

Choose ProteiOS

for enhanced flexibility, reliable outcomes,
and a transformative approach to patient care.

SIZE	PRODUCT CODE
XS	IFLX-GF-005
S	IFLX-GF-010
M	IFLX-GF-025
L	IFLX-GF-050
XL	IFLX-GF-100

Connect with a rep today.

References: 1. Data on File, Isto Biologics. 2. Joseph, S., & Edge, L. (2023). Radiographic Evaluation of MI-TLIF Procedures Utilizing Novel Allograft Growth Factor. Jspine, 12, 606. 3. Joseph, S., MD, & Sampat, C., MD. (Affiliations: Joseph Spine Institute, Tampa, FL 33607 & Parkview Orthopaedic Group, New Lenox, IL 60451). 4. Roh, J. S., Yeung, C. A., Field, J. S., & McClellan, R. T. (2013). Allogeneic morphogenetic protein vs. Recombinant human bone morphogenetic protein-2 in lumbar interbody fusion procedures: A radiographic and economic analysis 5. Kasliwal, M. K., & Deutsch, H. (2012). Clinical and Radiographic Outcomes Using Local Bone Shavings as Autograft in Minimally Invasive Transforaminal Lumbar Interbody Fusion. World Neurosurgery, 78(1–2), 185-190. doi: 10.1016/j.wneu.2011.05.049

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