

More than a Xenograft.

An easy choice.

Straumann® XenoFlex is a combination of 90% bone mineral (100% pure hydroxyapatite) with 10% Collagen type I. Tested to eliminate antigenicity and provide a favorable environment for new bone growth; it is composed of bovine bone and porcine collagen. Its slow resorption rate delivers extended stability – a critical advantage in cases that require a strong scaffold for long-term tissue support and esthetic needs. The collagen fibers facilitates the adhesion of proteins and signals molecules from the blood to the embedded granules to further improve the fast bony integration of Straumann® XenoFlex.

EXCELLENT BIOCOMPATIBILITY

- The final sterility of Straumann XenoFlex is done by gamma irradiation.
- Optimal balance of calcium and phosphate, comparable to human bone

EXCELLENT OSTEOCONDUCTIVITY

- The natural structure of the granular portion of Straumann XenoFlex supports osteoconduction with interconnected porous granules, enhancing integration of new bone.
- The collagen portion of Straumann XenoFlex supports the initial healing environment and the binding of the granules to the native bone. The collagen creates an environment favorable for bone generation and is decomposed overtime.

DEPENDABLE VOLUME STABILITY

- Xenograft granules undergo superficial resorption only. The granules provide excellent space maintenance and predictably integrate into newly formed bone ensuring volume maintenance and a strong long lasting matrix for successful placement of dental implants.

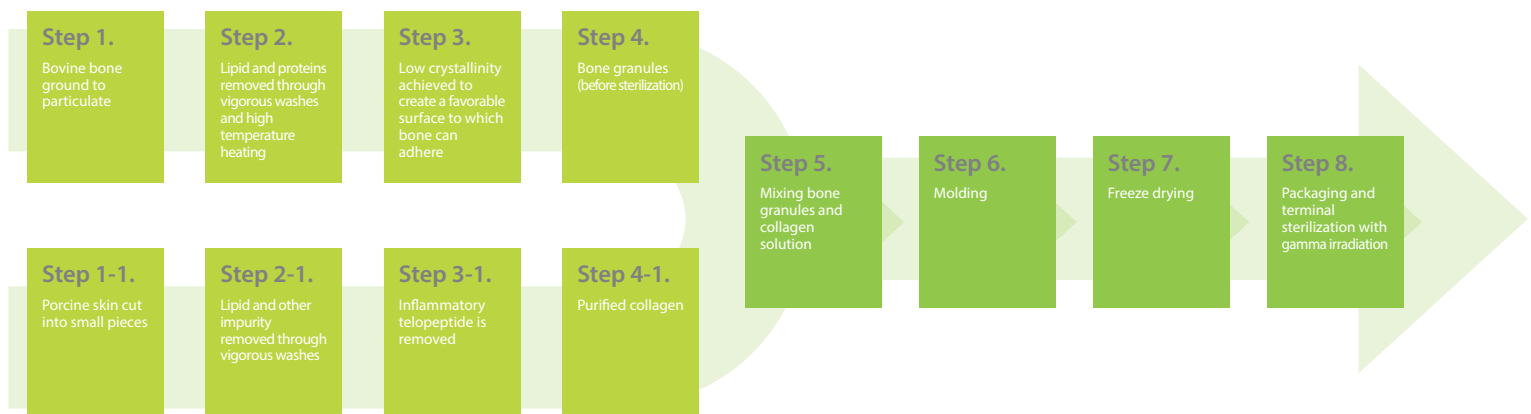
EASY OF HANDLING AND APPLICATION

- Size is customizable to the patient defect and can be shaped dry or wet.
- Shorten operation time is a result of placing 1 piece into the surgical area
- After hydration, Straumann XenoFlex changes to a slightly spongy consistency enabling ease of handling.

CLINICAL APPLICATIONS

- Sinus floor elevation
- Horizontal augmentation
- Ridge preservation
- Peri-implant defects
- Extraction sockets
- Intraosseous defects

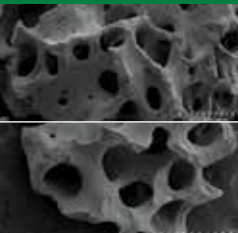
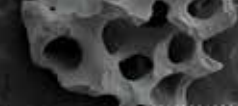
Manufacturing process of Straumann® XenoFlex



STRAUMANN® XENOFLEX

Product	Dimension/Weight	Article Number	Magnification
	6x6x3, 50mg	NI-0110-005	Magnification 100x
	6x6x6, 100mg	NI-0110-010	
	7x8x9, 250mg	NI-0110-025	Magnification 50.000x
	9x10x11, 500mg	NI-0110-050	
	4.6x40, 250mg	NI-0110-025S	
	5.6x45, 500mg	NI-0110-050S	

XENOGENIC GRANULES SIMILARITY TO HUMAN BONE

		HA content (Ca/P ratio)	Crystallinity
Straumann® XenoGraft		1.679	Low
Human Bone		1.68	Low

CASE STUDY: EXTRACTION SOCKET BONE AUGMENTATION



Radiographic view before extraction



Radiographic view after extraction



Extraction socket (arrow)



Bone grafting with Straumann XenoFlex



Closure



3 months follow-up



Re-entry 4 months after bone augmentation

Photos courtesy of Dr. Chong-Pyung Chung



To learn more, contact your Straumann Territory Manager or Customer Service.

Buy online at straumanngroup.us/eShop or straumanngroup.ca/eShop

