

# More than a natural substitute.

## A long-lasting scaffold.

Straumann® XenoGraft is methodically processed from bovine bone and extensively tested to eliminate antigenicity and provide a favorable environment for new bone growth. Its **slow resorption rate delivers extended stability**—a critical advantage in cases that require a strong scaffold for long-term tissue support or esthetic needs.

### EXCELLENT BIOCOMPATIBILITY

- Deproteinized and delipidized, then terminally sterilized via gamma irradiation
- Optimal balance of calcium and phosphate, comparable to human bone

### OPTIMAL OSTEOINTEGRATION

- Low crystallinity provides a favorable surface to which new bone can adhere
- High porosity supports osteoconduction, enhancing integration of new bone

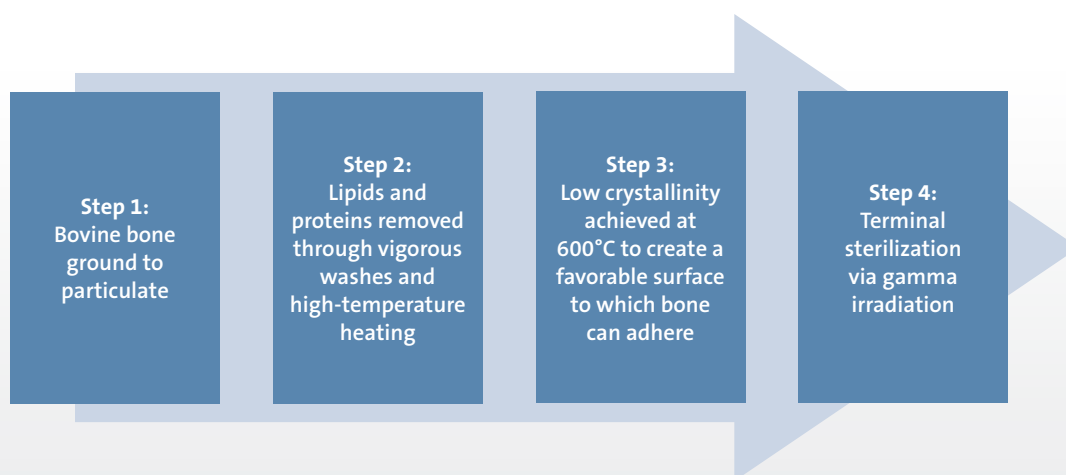
### DEPENDABLE STABILITY AND STRENGTH

- Creates a lasting scaffold with a favorable tactile feel when drilling for an implant site or osteotomy
- Slow resorption rate provides extended stability

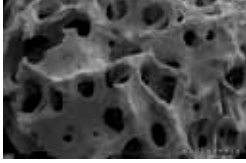
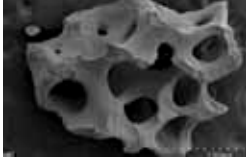
### FLEXIBILITY TO MEET CLINICAL NEEDS

- Combine with Straumann AlloGraft to augment mechanical strength and to maintain ideal space for maximum bone volume
- Best suited for sinus lifts and horizontal augmentations

### PROCESSING ASSURES COMPATIBILITY



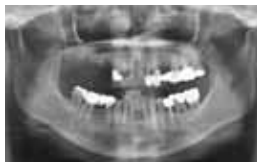
## SIMILARITY TO HUMAN BONE

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

## CASE STUDY: LATERAL WINDOW SINUS AUGMENTATION



Baseline clinical situation



Panoramic view before  
sinus augmentation



Lateral window opening  
for sinus elevation



Sinus augmentation with  
Straumann XenoGraft



Window closure; resorbable  
membrane placed



Closure



Panoramic view just after  
sinus augmentation



Panoramic view 6 months  
after augmentation



Clinical situation 8 months  
after augmentation

Photos courtesy of Dr. Keun Young Chang

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