More than a synthetic solution.

A consistent performer.

Straumann® BoneCeramic™ is a biocompatible and homogenous alloplast designed to **maintain volume while supporting gradual replacement by your patient's own bone.** A fully alloplastic biphasic calcium phosphate, it's composed of hydroxylapatite, which prevents excessive resorption and preserves bone volume, and ß-tricalcium phosphate, which absorbs more quickly as it's replaced by natural bone.

EFFECTIVE REGENERATION MATERIAL

- Engineered to support restoration and preservation of bone volume
- Gradually resorbs as it is replaced by new vital bone

DEPENDABLE PERFORMANCE

- Excellent handling characteristics
- Consistent and reproducible quality because it's totally synthetic

FLEXIBILITY TO MEET CLINICAL NEEDS

- Can be used alone or in combination with autogenous bone
- Best suited for peri-implant dehiscence defects, fenestration defects, sinus lifts, extraction sockets, and horizontal augmentations

SUPPORTS ONGOING BONE REGENERATION

- 28.35% average of newly formed mineralized bone versus 22.27% with bovine bone mineral, 6 to 8 months post augmentation ($p = 0.6024$)[1]
- Trend of increase in mineral bone formation over healing time[1]
- Bone vitality was 100% in all cores harvested[1]
- Significant increase in mean bone area fraction over healing time in a mix with autogenous bone, in sinus floor elevation[2]

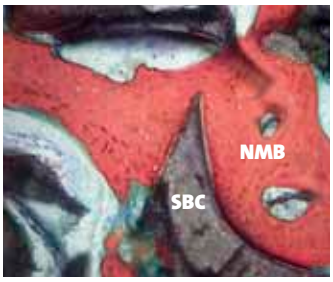
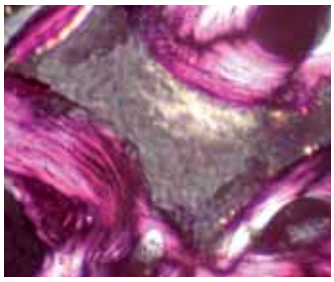
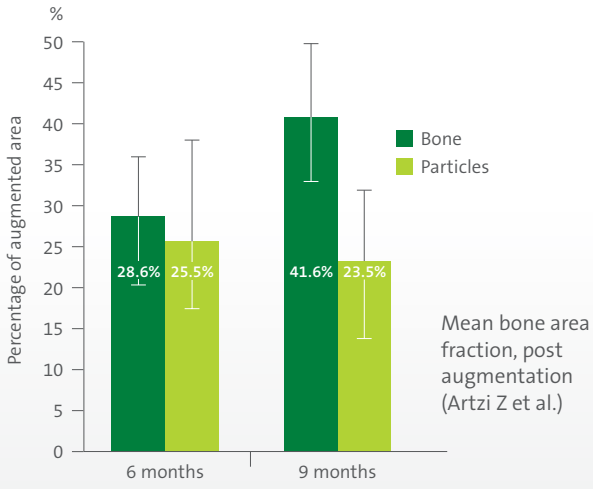


Image by Prof. Dr. S.J. Froum. Stevenel's blue and Van Gieson's picro fuchsin, magnification X 200. Reproduction authorized by International Journal of Periodontics & Restorative Dentistry.

NMB: New mineralized bone
SBC: Straumann BoneCeramic



Polarized image displays osseointegration of Straumann BoneCeramic particle in lamellar type of bone, 6 months post augmentation. Image by Prof. Dr. Z. Artzi. Paragon staining, original magnification X 600. Reproduction authorized by Clin. Oral Impl. Res.



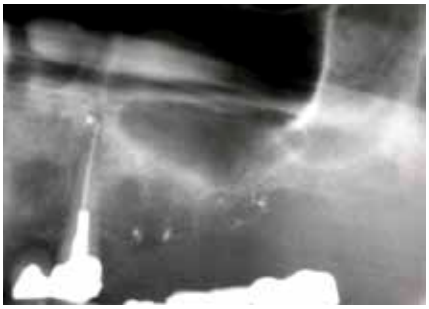
Mean bone area fraction, post augmentation (Artzi Z et al.)

[1] Froum SJ et al. Histomorphometric comparison of a biphasic bone ceramic to an organic bovine bone for sinus augmentation: 6- to 8-month postsurgical assessment of vital bone formation. A pilot study. Int J Periodontics Restorative Dent. 2008 Jun; 28(3): 273-81.

[2] Artzi Z et al. Histomorphometric assessment of bone formation in sinus augmentation utilizing a combination of autogenous and hydroxyapatite/biphasic tricalcium phosphate graft materials: at 6 and 9 months in humans. Clin. Oral Implants Res. 2008 Jul; 19(7): 686-92.

straumann®
simply doing more℠

CASE STUDY: SINUS ELEVATION



Radiograph shows pneumatized sinus and insufficient bone height for implant placement

Initial clinical situation

Flap elevated, alveolar ridge visible

Window technique used to access the sinus floor

Straumann® BoneCeramic™ wetted with patient's blood

BoneCeramic packed to the sinus through the opened window

Clinical situation after flap suturing

Radiograph shows the elevated floor after sinus floor elevation with BoneCeramic

Photos courtesy of Dr. C. Bruggenkate, Amsterdam, Netherlands

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

Buy online at straumann.us/eShop or Straumann.ca/eShop.

SHOP

International Headquarters
Institut Straumann AG
Peter Merian-Weg 12
CH-4002 Basel, Switzerland
Phone: +41 (0)61 965 11 11
Fax: +41 (0)61 965 11 01

Straumann North American Headquarters
Straumann USA, LLC
60 Minuteman Road
Andover, MA 01810
Phone: 800/448 8168 (US) • 800/363 4024 (CA)
Fax: 978/747 2490

www.straumann.us
www.straumann.ca

NAMLIT 1048 6/15