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 allograft biphasic calcium phosphate, it’s composed of hydroxyapatite, which prevents excessive resorption and preserves bone volume, and β-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 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 time¹
- Bone vitality was 100% in all cores harvested¹
- Significant increase in mean bone area fraction over healing time in a mix with autogenous bone, in sinus floor elevation²

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.

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