

# osteoSPAN™

## BONE GRAFT SUBSTITUTE

### BRIDGE THE GAP

osteoSPAN products are based on Biogenix' innovative TrelCor™ technology platform. TrelCor technology utilizes a nanocrystalline HCA surface and a biomimetic pore structure to improve bone healing. osteoSPAN granules, also called TrelCor granules, are the main bone graft component found in all Biogenix advanced bone graft products. The unique structure of osteoSPAN consists of a thin layer (~4 microns) of nanocrystalline hydroxycarbanoapatite, which is similar to the mineral content of bone. This surface is actively involved in the bone regeneration process and controls the resorption rate of the calcium carbonate substrate. Studies have shown that osteoSPAN bone graft becomes incorporated into a bone fusion mass, while gradually resorbing over a 6-12 month period - ideal for bone remodeling.



**Configuration:** Granules (1-4mm size) and blocks

**Chemistry:** Nanocrystalline hydroxycarbanoapatite (HCA)/calcium carbonate (CC)

**Architecture:** Biomimetic structure with interconnected porosity

**Granule Pore Size:** 500 microns

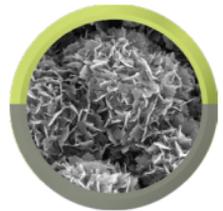
**Resorption Profile:** 6-12 months

**Storage and Handling:** Room temperature, no reconstitution required

### osteoSPAN DIFFERENCE

#### NANOCRYSTALLINE SURFACE

- Nanocrystalline structure provides an optimal surface for cell attachment
- HCA closely mimics the natural composition of human bone mineral
- Nanostructured surface and HCA have been shown to enhance cellular bone formation\*



#### BIOMIMETIC ARCHITECTURE

- 100% interconnected pore structure, with pore size similar to cancellous bone
- Allows for bone growth throughout the entire implant
- Optimal combination of strength and porosity is resistant to crushing during handling



\*References available upon request.

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## GROW WITH US

At Biogenix we recognize that without great sales and distribution partners, our innovative products will not reach the surgeon or patient. This is why we prioritize and nurture our relationships with our distributors. Experience the difference a true partnership can make in your business. Contact us about distribution opportunities.

Catalog No.	Description
100-SLF	Fusion Kit (2 blocks)
190-SLF	Fusion Kit Large (2 blocks)
100-30G	30cc Granules (1-4mm)

Refer to website for sizing of fusing kit blocks.

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