



COVE™

STRIP AND PUTTY | ADVANCED BIOACTIVE SYNTHETIC
SALES BROCHURE

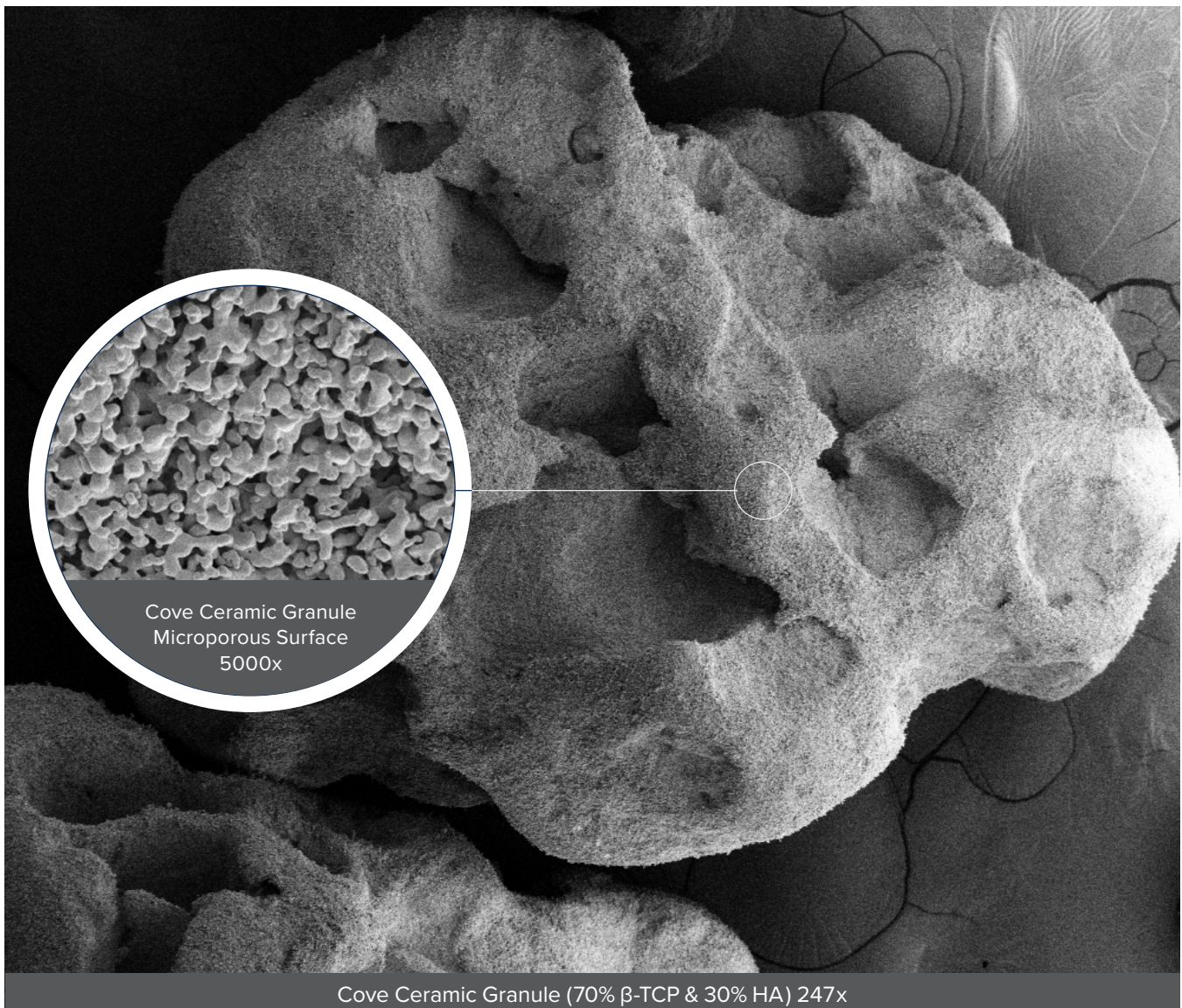
COVE™

STRIP AND PUTTY | ADVANCED BIOACTIVE SYNTHETIC

ACTIVATE BONE FORMATION

Cove™ is an advanced bioactive synthetic graft featuring a biphasic ceramic granule. The biphasic granule, a pairing of β -tricalcium phosphate (β -TCP) and hydroxyapatite (HA), promotes bone formation through engineered surface microporosity. The unique topography of Cove elicits a bone forming response, as evidenced by its ability to grow bone in the challenging sheep muscle pouch model.*

THE SCIENCE IS IN THE SURFACE



Cove Ceramic Granule
Microporous Surface
5000x

Cove Ceramic Granule (70% β -TCP & 30% HA) 247x

SUPERIOR HANDLING

THE OPTIMAL COMBINATION OF SCIENCE AND TECHNOLOGY

COVE™ STRIP

Cove Strip contains the biphasic ceramic granule along with type-I collagen derived from bovine flexor tendon. The crosslinked technology of the type-I collagen stimulates cell attachment while providing superior handling and compression resistance.



Cove Strip with autograft



Pliable to conform to uneven surfaces, may also be cut to fit



Structural strength maintains postoperative graft volume



Flexible, yet supple with no sluffing of the ceramic granule

COVE™ PUTTY

Cove Putty contains the biphasic ceramic granule with type-I bovine collagen and a unique Reverse Phase Medium (RPM) carrier. The type-I collagen enhances handling while the RPM carrier is designed to be flowable at room temperature and more viscous at body temperature for intraoperative flexibility with irrigation resistance.



Cove Putty



Flowable when used with
RAPID® graft delivery system



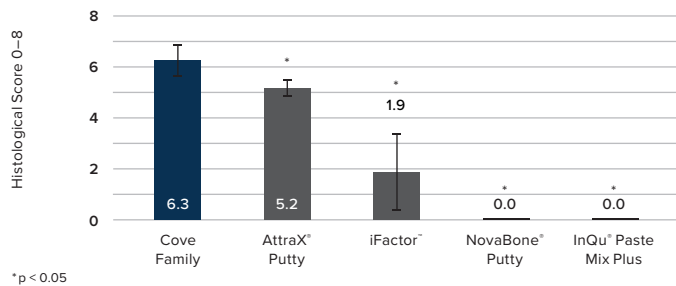
Moldable to pack into any
size or shape defect



Highly malleable when
mixed with autograft

COVE™ OUTPERFORMS COMPETITORS*

Performance in Sheep Intramuscular (IM) Pouch Model



Study Results

Histological results demonstrate Cove™ family (putty and strip) outperform competitors in the challenging sheep IM model. Data was assessed at the 12-week time point by two blinded, independent reviewers scoring on a scale of 0–8. A score of 0 indicates no bone present, where an 8 indicates bone remodeling with extensive bone marrow formation.

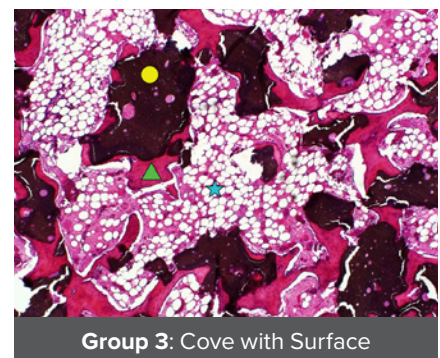
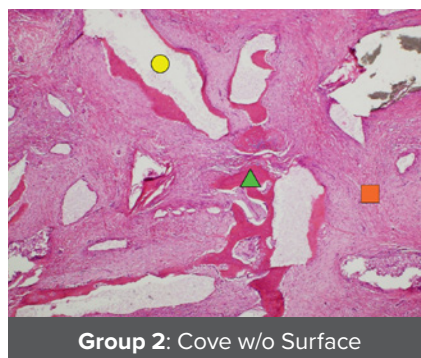
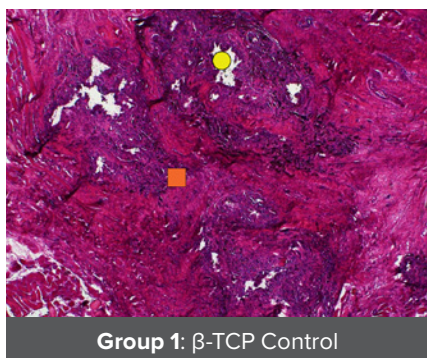
EVIDENCE THAT SURFACE DRIVES BONE FORMATION

Histology images compare the results of three groups 12 weeks post implantation to show the effects of surface topography.

Group 1 Negative Control: β-TCP shows no bone formation

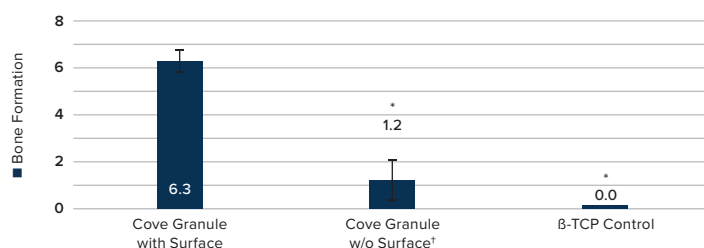
Group 2 Cove biphasic granule without surface topography: Shows minimal bone formation

Group 3 Cove biphasic granule with surface topography: Shows robust bone formation with extensive mature bone and bone marrow throughout



▲ Bone ★ Bone Marrow ■ Soft Tissue ● Graft Material

Bone Formation Increases with Cove Surface Topography



† "Cove Granule without surface" is defined as a material with the same chemical and macrostructural properties as Cove, but without the microporous surface features.

Study Results

Bone formation is quantified using the same 0–8 scoring method as in the above competitive study. Cove Granule with surface results in 80% more bone formation than Cove Granule without surface, demonstrating the significance of surface topography in robust bone formation. The β-TCP Control exhibited no new bone growth indicating that other factors including chemistry play an important role in bone formation.

ORDERING INFORMATION



Strip

| Part Number | Description | Dimensions | Size |
|-------------|-------------|----------------|------|
| 02-9300-050 | Cove Strip | 50 x 25 x 4mm | 5cc |
| 02-9300-100 | Cove Strip | 100 x 25 x 4mm | 10cc |
| 02-9300-150 | Cove Strip | 100 x 25 x 6mm | 15cc |
| 02-9300-300 | Cove Strip | 288 x 25 x 4mm | 30cc |

Putty

| Part Number | Description | Size |
|-------------|-------------|--------|
| 02-9200-013 | Cove Putty | 1.25cc |
| 02-9200-025 | Cove Putty | 2.5cc |
| 02-9200-050 | Cove Putty | 5cc |
| 02-9200-100 | Cove Putty | 10cc |

HYDRATION GUIDE VIDEOS

Learn the best practices of Cove Strip and Putty hydration. Refer to the Hydration Instructions in the IFU for detailed steps.



Strip Hydration Video

<https://vimeo.com/838466447/8514912f54>



Putty Hydration Video

<https://vimeo.com/838464545/1e8d6e8e5e>

*Data on file.

For more information or to place an order, please contact:
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