

Elevating your patients'
bone health and healing.

REVO GRO[®]

Moldable Bone Substitute

New Bone
In 6 Weeks.



First of its kind biomaterial made from a patented blend
of calcium, magnesium, sodium and silica salts.

REVOGENRC032024D



RevoGen
Biologics REVOLUTIONIZING
BIOREGENERATION

REVO GRO®

Moldable Bone Substitute

RevoGro Putty is intended to be hydrated with sterile water and gently packed into bony voids or gaps of the skeletal system, i.e., extremities and pelvis. These defects may be surgically created osseous defects or osseous defects created from traumatic injury to the bone. RevoGro Putty provides a bone void filler that resorbs and is replaced by bone during the healing process.



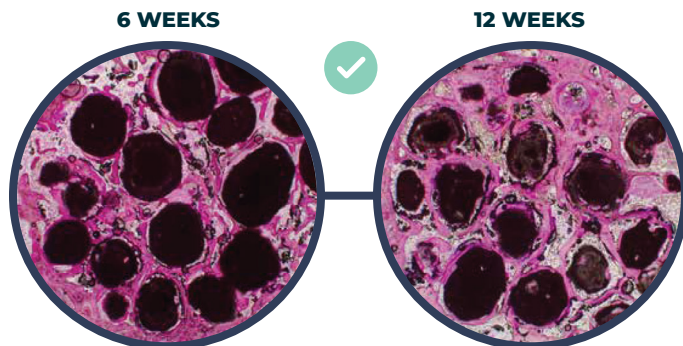
Grows New Bone Fast

We compared RevoGro Putty to Actifuse ABX (silicated hydroxyapatite bone graft, ApaTech Ltd.) in a critically sized rabbit distal femur model. The amounts of new bone and residual graft were quantified at 6 and 12 weeks post-operatively using histology, histomorphometry and micro CT.

Histology Comparison

RevoGro®

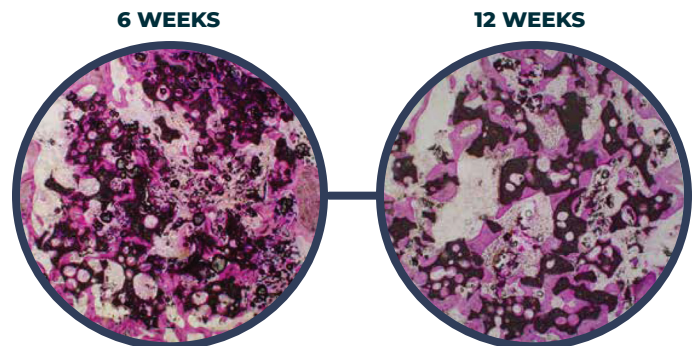
Extensive new trabecular bone formations were observed from the margins through the center of the RevoGro treated defects in just 6 weeks post-op.



RevoGro continued to remodel and was replaced by significantly more bone at 12 weeks.

Actifuse ABX

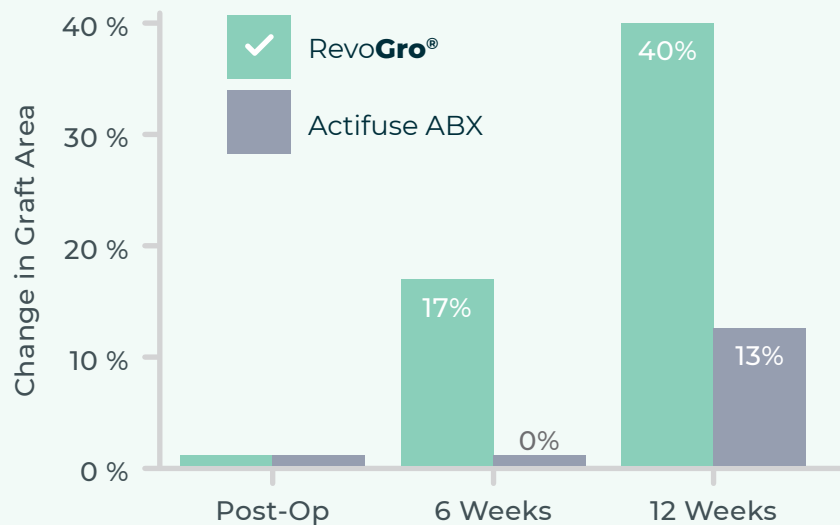
In contrast, Actifuse ABX treated defects had no significant differences in the amount of new bone or residual graft from 6 to 12 weeks.



Histomorphometry Comparison

RevoGro® putty was over 40% remodeled and replaced by new bone over 12 weeks.

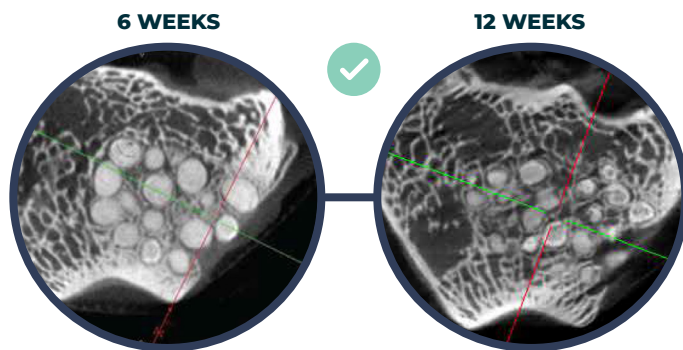
Actifuse ABX treated defects had no statistically significant differences in the amount of new bone or residual graft measured from 6 to 12 weeks.



Micro CT Comparison

RevoGro®

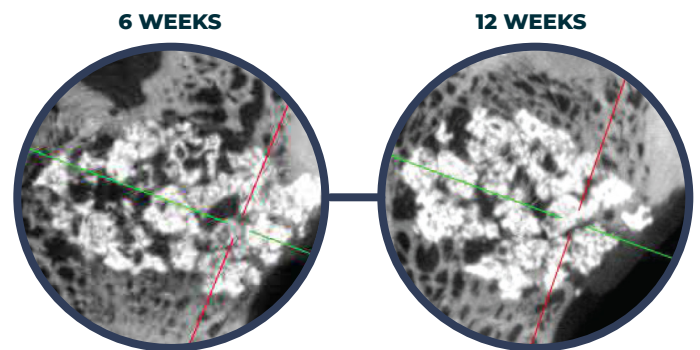
A progression in healing of the RevoGro treated defects was observed radiographically by the change in trabecular density & thickness from 6 to 12 weeks.



RevoGro appeared more radiolucent at 12 weeks, and the distinct spherical shape, size and porosity of the particles changed as the graft remodeled.

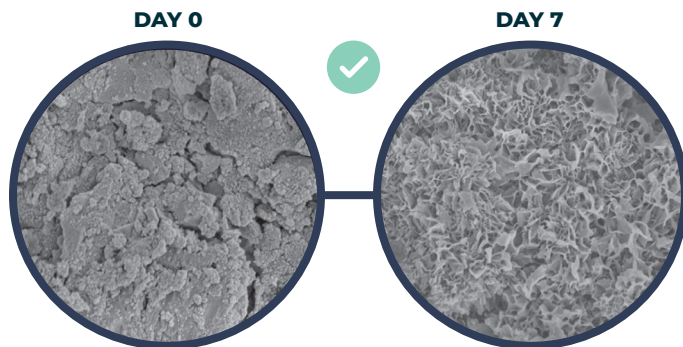
Actifuse ABX

Actifuse ABX treated defects showed no radiographic evidence of graft remodeling, and bone healing was challenging to observe due to the presence of residual graft.



Bioactive RevoGro®

The surface of RevoGro, shown at 10,000x, grows biomimetic apatite crystals after seven days in simulated body fluid.



Product List

Part Number	Device Size	Particle Size
RGC025	2.5 CC	1-2 mm
RGC025X	2.5 CC	1-1.4 mm
RGC05	5 CC	1-2 mm
RGC05X	5 CC	1-1.4 mm
RGC10	10 CC	1-2 mm
RGC10X	10 CC	1-1.4 mm



The RevoGen® Difference

At RevoGen® Biologics we are committed to making lives better through cutting-edge biologics. Following time-tested rigorous guidelines and delivering quality products and services to our clients is our number one goal. We are dedicated to providing the highest quality biologics products throughout the United States. We offer our services to the medical community and patients in order to improve quality of life. Our products meet the highest statutory, professional and legislative requirements. Through new processes and many advances in biotechnology, RevoGen is revolutionizing bio-regeneration to offer the highest quality biologics in the market to our physicians for their patients.

Relationships

At RevoGen Biologics we understand the need for stringent donor screening, rigorous procedures, and the highest quality tissues, but we also know the importance of relationships. In addition to providing high quality products, we want to make sure that our clients have the most optimal experience throughout their interaction with RevoGen Biologics. If problems do arise, we will work with our physicians to resolve the issue quickly and efficiently. We want to set industry standards in product quality as well as customer relationships.

Contact

To place an order or for additional information, contact us at:

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