

# THORAGRAFT

Sternal Fusion Bone Regenerative Graft

## Advancing Sternal Healing

ThoraGraft™ is an innovative bone graft specifically designed for sternal healing and fusion. ThoraGraft™ is implanted between the sternal halves prior to closure, to promote fusion and healing while reducing post-operative pain, bleeding and other acute and chronic sternal healing challenges clinicians face in patients with several comorbidities.

The purpose of ThoraGraft™ is to lower hospitalization costs (length of stay, postoperative complications, readmissions and other post-hospitalization related costs) while improving outcomes.



Item #	TG1000	TG1005	TG1010	TG1020
Description	1 pack	5 pack	10 pack	20 pack

**Natural Scaffold & Signal:** Our compressible bone graft is 100% demineralized cortical bone with osteoinductive (signal) and osteoconductive (scaffold) properties. Derived entirely from human bone, its naturally porous structure has sponge-like handling characteristics while stimulating bone regeneration.

**Optimal Handling:** The hydrated graft is pliable and can be folded, twisted and molded. The graft conforms to the defect site and allows for contact with the decorticated bone. Graft compresses to fill virtually any defect and expands after placement to adapt to the defect space.

**Fast Hydration:** Graft hydrates within 5 minutes with a variety of fluids, including: sterile saline, sterile water, blood, bone marrow aspirate (BMA), platelet-rich plasma (PRP) or other bone forming biologic concentrations. The graft is hydrophilic and maintains its structural integrity during irrigation.

**Highest Level of Safety:** Safety is ensured through stringent donor screening, vigorous validation, comprehensive testing and maximal safeguards yielding proven, safe, high quality tissue. Aseptically processed, packed and sterilized via a validated electron beam irradiation process.



Contains 100% bone without a carrier



Superior handling characteristics



Size, texture and design for optimal bone growth environment



Excellent fluid absorbency – ultra moisture wicking properties



Osteoinductive (signal) and osteoconductive (scaffold)



2 year shelf life at room temperature allows for easy storage and prep for use

## About Us

**Thoragenix Innovations** is a Boca Raton FL based Company formed to develop and bring to market an innovative sternal bone graft technology.

**ThoraGraft™** is a proprietary tissue specifically designed for sternal healing and fusion. The Thoragenix team has an extensive history in developing and commercializing biologics for the cardiovascular, spine and orthopedic markets.



## Thoragenix Innovations

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## Ordering Information

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