



# OSTEOFILL™

## Bioactive Bone Cement

*The Future of Bone Repair*

Osteofill is a bioactive bone cement specially designed for various orthopedic applications. The low viscosity cement allows its application via small gauge needles (21G), giving greater flexibility in surgical operations and especially with irreparable small bone injuries.



### EASY OPERATION

Can be applied directly from syringe through simple preparation steps. Users do not need to be professionals to understand the minimalistic steps to effectively use our product.



### MEDICAL GRADE

Osteofill is manufactured in certified ISO 14644 clean room with the strictest quality assurance.



### PROMOTE HEALING

Osteofill features our novel formulation to fix bone fractures. It provides instant support in small bone structures and facilitate bone repair.

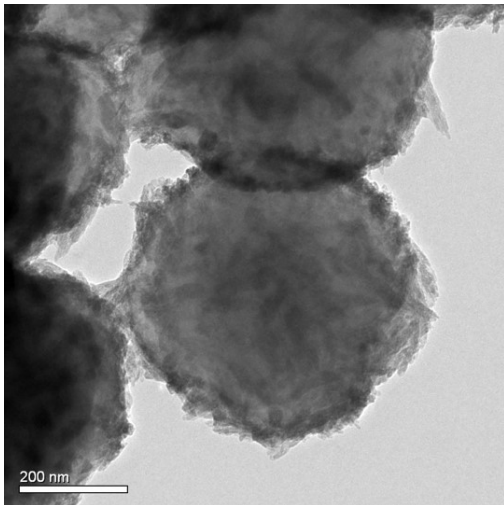
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### Our Novel Formulation

Extensive R&D was conducted for our novel nano-hydroxyapatite and self-fitting copolymer formulation. Not only does our cement provide comparable mechanical properties to natural bone, OsteoFill also provides ultimate biocompatibility and osseointegration.



### Specifications

- Bending Strength (ISO 5833) >55 MPa
- Elastic Modulus (ISO 5833) >2500 MPa
- Setting Temperature (ISO 5833) 50-60°C
- Setting Time (ISO 5833) 5-10 mins
- Dough Phase No dough phase
- Needle Gauge 18 - 23G

### Applications

- Osteochondritis dissecans (OCD)
- Simple Bone Cyst (SBC)
- Shell damage
- Bone damage, and more

We are a biotech R&D company lead by young and passionate scientists. We develop and synthesise biomaterials for orthopaedic and veterinary applications. Our products include: bioactive bone cement, 3D-printing filament, and custom bioactive implants.

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