Optium® DBM Gel is designed to set the standard for safety, quality, and performance in DBM technology.

### Features And Benefits

- **Osteoinductive Potential:** Optium DBM is demineralized using LifeNet Health’s patented and proprietary PAD® process. This process carefully exposes natural growth factors trapped within cortical bone while maintaining its inherent osteoinductive potential.

- **PAD technology** targets LifeNet Health’s patented residual calcium levels of 1% to 4%, levels scientifically proven to provide the optimal osteoinductive potential in demineralized bone (DBM)\(^1,2,3,4\).

- **Osteoinductive Testing:** Every lot of final product is tested for osteoinductive potential using the gold standard nude rodent assay developed by Marshal Urist.

- **Osteoconductive:** Particulate size range provides packing geometry and porosity to encourage cellular attachment.

- **Sterile:** Optium DBM is sterilized using proprietary and patented Allowash XG® technology. This technology provides a sterility assurance level of 10\(^{-6}\), without compromising the graft’s inherent osteoconductivity or osteoinductive potential.

- **Proven Carrier:** Optium’s carrier is glycerol. DBMs using glycerol as a carrier have extensive, published clinical history and have proven safe and effective in bone void filling applications\(^5-11\).

- **Ready to Use:** No need to waste time in the OR preparing the product.

- **Multiple Sizing Options:** Available in different volumes to accommodate a variety of clinical indications.

### Clinical Applications

- Joint Reconstruction and Revision
- Trauma
- Spine
**References:**


