



ViviGen[®] MIS

Cellular Bone Matrix Delivery System

Clinical Overview ViviGen MIS Cellular Bone Matrix Delivery System provides a complete bone grafting and delivery solution for surgeons performing minimally invasive operations. By providing pre-filled cannulae and sterile packaged delivery dispenser, surgeons are offered a system designed to improve efficiency, reliability, and precision in an MIS environment.

Applications Minimally-invasive/less-invasive fusion procedures (TLIF, PLIF, Midline Cortical, MidLif, mini-open and Wiltse)

- Features & Benefits**
- **Rapid Graft Delivery:** Three minutes to deliver three pre-filled cannulae of ViviGen to surgical site.¹
 - **Scrub Tech Efficiency:** Five minutes to thaw frozen, pre-filled cannulae, eliminating time and effort necessary to pack bone funnel.²
 - **Single Use:** Reduces direct handling of graft material during preparation and delivery to surgical site.
 - **Optimized for MIS Procedures:** Flexible, plastic 8x200 mm cannulae are designed for MIS procedures and enable single-hand delivery.
 - **Osteogenic:** Native, viable, lineage-committed bone cells within the corticocancellous chips are able to proliferate *in vitro* post cryopreservation and thaw.²
 - **Osteoconductive:** Corticocancellous chips provide a natural scaffold for cell attachment, cell migration, and cell proliferation.²
 - **Osteoinductive:** Demineralization of the cortical bone exposes the natural growth factors within the matrix.²





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Cannulae Storage: -70°C or colder in a mechanical freezer. Do not store in liquid phase of Liquid Nitrogen (LN₂).
 Dispenser Storage: Ambient room temperature

Description	Order Code	Shelf Life
Bilateral MIS Bone Grafting Kit	BL-1900-KT3	
x3 Pre-Filled Cannulae	BL-1900-001	12 months
x1 Delivery Dispenser	BL-1900-GUN	3 years
Unilateral MIS Bone Grafting Kit	BL-1900-KT2	
x2 Pre-Filled Cannulae	BL-1900-001	12 months
x1 Delivery Dispenser	BL-1900-GUN	3 years

Instructions for use available at [LifeNetHealth.org/IFU](https://www.lifenethealth.org/IFU)

References:

1. Comparison of Graft Preparation and Delivery Performance Between the ViviGen MIS Graft Delivery System and a Bone Graft Funnel. LifeNet Health. 68-20-348.01
2. Data on file LifeNet Health 65-0347

