Osseoperm Mendec is a viscous polymethyl methacrylate (PMMA) bone cement, designed for vertebral augmentation, vertebroplasty and kyphoplasty. The Osseoperm Mendec system offers a simple mixing technique, excellent working characteristics, and a clutch handle cement delivery device for flow control.

**OSSEOPERM MENDEC SYSTEM INCLUDES:**

1. **Bone cement**
   - one 20g container of polymer powder
   - one 9.4g vial of monomer
   - 12cc of mixed cement
   - medium viscosity
   - setting time from start of mixing:
     - 23 minutes at 64°F/18°C
     - 17 minutes at 70°F/21°C
     - 12 minutes at 77°F/25°C
   - 30% barium sulfate opacifier

2. **Mixing container**
   - monomer is added to polymer container and is hand-shaken to mix cement

3. **Delivery system**
   - transparent 12cc cement syringe
   - extension tubing with Luer-Lok® connectors
OSSEOPERM MENDEC DELIVERY SYSTEM
The Osseoperm Mendec clutch-control injector system is engineered to provide
control over the flow of cement at any time during delivery.

INDICATIONS FOR USE
The Osseoperm Mendec bone cement is indicated for the treatment of pathological
fractures of the vertebral body using a vertebroplasty procedure. Painful vertebral
compression fractures may result from osteoporosis, benign lesions (hemangioma),
and malignant lesions (metastatic cancers, myeloma).

Refer to the IFU for additional information.

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<td>OP-0001</td>
<td>Osseoperm Mendec Bone Cement and Injector Kit</td>
<td>(1) PMMA Bone Cement, (1) Mixing container, (1) Delivery Device (color may vary)</td>
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OSSEOPERM MENDEC DESCRIPTION
Osseoperm Mendec bone cement consists of an acrylic resin and a delivery system. Osseoperm Mendec bone cement is a
highly radiopaque acrylic resin of medium viscosity. The delivery system consists of an injection system that directs acrylic
resin to flow into the vertebral body. The injection system consists of an injector and an extension tube. It is to be used only
with needles specific for vertebroplasty with luer lock type connections.

The kit is sterile and single-use.

The injection system, the powder container and the liquid are contained in a hermetically sealed blister pack sterilized with
ethylene oxide. The liquid is sterilized by means of filtration and the powder by means of ethylene oxide treatment.

As with most surgical procedures, there are risks associated with the vertebroplasty, kyphoplasty and vertebral augmentation
procedures, including serious complications. For complete information regarding risks, contraindications, warnings,
precautions, and adverse events please review the System’s Instruction for Use.