It’s Vertebroplasty Solutions /
It’s about providing vertebral flexibility...

The Osteo-site® vertebroplasty range is designed to provide procedural flexibility and meet the demands posed by today’s vertebroplasty procedures.

With cements tailored to meet specific clinical scenarios and a wide range of vertebral bone access needles including the Murphy™ needle range designed in collaboration with Dr. Kieran Murphy, the Osteo-site® vertebroplasty range provides you with a complete procedural solution.

Product benefits:

- **Choice of cement viscosities to meet differing clinical scenarios**
- **High temperature cement designed specifically for exothermic ablation of spinal metastases and myeloma**
- **Controlled injection technology**
- **Easy, consistent cement mix**
- **Minimised radiation exposure and fume inhalation**
- **Ergonomic design**

**Additional information?**

If you would like further assistance with using our Vertebroplasty range, or need advice on how to order, please call us on: 0114 268 8880
Bone Biopsy Needles - product features:

- Ergonomic handle design provides tactile feedback
- Radiolucent handle provides unobstructed view during introduction into bone
- Option of 30° side-beveled stylet for minor redirection of needle during introduction
- Option of sharpened diamond tip stylet provides optimum purchase
- Centimetre depth markers
- Match ground stylet and cannula design
- Coaxial option also available
- Sharpened cutting cannula
- Centimetre depth markers
- Radiolucent needle holder

It’s a matter of facts...

Osteoporotic VCFs affect an estimated 1.4 million patients in the world annually.

Osteoporosis affects Quality of Life. Besides the pain, patients also express anxiety about the possibility of future fractures and physical deformity.

1/3 women over 50 will experience osteoporotic fractures. As will 1/5 men.

It is estimated that over 200 million people worldwide have osteoporosis.
**Injector & Mixer - product features:**

- Semi-automatic cement mixing paddle system
- Closed system reduces exposure to cement fumes
- Threaded plunger design
- High quality, ergonomic injector
- Easy connection of injection barrel
- Each full rotation of injector handle delivers 0.2ml of cement
- Two 29cm connection tubes with rotating luer-lock adapters
- Connecting tube cement volume 1.4ml
**Vertefix® Plus**

**Indications**
- Painful vertebral compressions, fractures & benign lesions (haemangioma)
- Malignant lesions (metastatic cancer, myeloma, tumours)
- Treatment of acute & chronic instabilities
- Deformations of the thoracic, lumbar & sacral spine
- Osteoporosis, osteopenia, metastatic disease

**Low Viscosity**
- Loaded with hydroxyapatite for biocompatibility. High radiopacity enables efficient visualisation.

**Osteofix®**

**Indications**
- Painful vertebral compressions, fractures & benign lesions (haemangioma)
- Malignant lesions (metastatic cancer, myeloma, tumours)
- Treatment of acute & chronic instabilities
- Deformations of the thoracic, lumbar & sacral spine
- Osteoporosis, osteopenia, metastatic disease

**Medium Viscosity**
- Medium viscosity enables a longer working time and facilitates easier multi-level procedures

**Thermalfix®**

**Indications**
- Ablation of malignant lesions (spinal metastases, myeloma)
- Painful vertebral compressions, fractures & benign lesions (haemangioma)

**Low Viscosity**
- Exothermic bone cement, heat release exceeding 85°C when in contact with bone facilitates ablation of spinal metastases & myeloma
## Ordering Information

### Bone Biopsy Needles

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Size</th>
<th>Description</th>
<th>Global Product Number</th>
<th>Kit Contents</th>
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<tbody>
<tr>
<td>DBBN-11-10.0-M1M</td>
<td>11g x 10cm</td>
<td>Murphy M1™ Side Bevel</td>
<td>G13761</td>
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<tr>
<td>DBBN-11-15.0-M1M</td>
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* Please contact us for stock availability
** Please note that other needle types are available on request. These include: Cervical bone biopsy needle set; Diamond tip cervical bone biopsy needle set; Ratchet bone biopsy needle set; Coaxial curved bone biopsy needle set

### Cements

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Yield</th>
<th>Radiopacity</th>
<th>Injection Time</th>
<th>Max Temperature</th>
<th>Viscosity</th>
<th>Global Product Number</th>
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<tbody>
<tr>
<td>VBC-100-PL</td>
<td>Vertefix Plus Biocompatible Bone Cement</td>
<td>16 cc</td>
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<td>VBC-200</td>
<td>Osteofix Low Exothermic Bone Cement</td>
<td>16 cc</td>
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<td>40°</td>
<td>Medium</td>
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<td>VBC-300</td>
<td>Thermalfix High Exothermic Bone Cement</td>
<td>16 cc</td>
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<td>88°</td>
<td>Low</td>
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### Injector

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<tr>
<th>Product Code</th>
<th>Description</th>
<th>Syringe Volume</th>
<th>Connecting Tube Length</th>
<th>Connecting Tube Volume</th>
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<tbody>
<tr>
<td>DURO-100</td>
<td>Duro-Ject Bone Cement Injector Set</td>
<td>10 ml</td>
<td>29 cm</td>
<td>1.4 ml</td>
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### Mixer

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<tr>
<td>CMM1</td>
<td>Minimix Bone Cement Mixing Kit With Plunger</td>
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