Kyphoplasty system
Kyphoplasty Tool Kit

- Minimally invasive surgery can reduce tissue injury and blood loss.
- The operation is simple, fast, and the operation time greatly shortened.
- Local anesthesia can be adopted to reduce the risk of surgery and postoperative complications.
- The product can immediately relieve postoperative pain, effectively restore vertebral body height and correct spine kyphosis.

Kyphoplasty System List

<table>
<thead>
<tr>
<th>Serial Number</th>
<th>Name</th>
<th>Model &amp; Specification</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Kyphoplasty Balloon Catheter</td>
<td>KB0115 / KB0210 / KB0120</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Balloon inflator</td>
<td>BI-20A-10</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Kyphoplasty Tool Kit</td>
<td>KT-00-01 / KT-00-02 / KT-00-03 / KT-00-04</td>
<td>1</td>
</tr>
</tbody>
</table>

Kyphoplasty Tool Kit Components List

<table>
<thead>
<tr>
<th>Serial Number</th>
<th>Name</th>
<th>Model &amp; Specification</th>
<th>KT-00-01</th>
<th>KT-00-02</th>
<th>KT-00-03</th>
<th>KT-00-04</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Puncture Device</td>
<td>KT-01-01</td>
<td>2</td>
<td>2</td>
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<tr>
<td>2</td>
<td>Puncture Expandor Module</td>
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<td>3</td>
<td>Expander Device</td>
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<tr>
<td>4</td>
<td>Bone Drill</td>
<td>KT-05-01</td>
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<tr>
<td>5</td>
<td>Guide Wire</td>
<td>KT-06-01</td>
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<td>2</td>
<td>1</td>
<td>1</td>
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<tr>
<td>6</td>
<td>Bone Cement Filling Device</td>
<td>KT-04-01</td>
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<td>6</td>
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</tbody>
</table>

Kyphoplasty Balloon Catheter

- Multiple shape of balloon is available.
- Kyphoplasty Balloon Catheter is designed for correcting compression fractures and restoring vertebral body height. Doctors should choose appropriate balloon for dilation according to fracture types.
- Different OD of the sheath can be applied to different working channel to realize accurate dilation. Different shapes of the balloon can adapt to different thoracic vertebra, lumbar vertebra as well as other types of fractures.
- The balloon materials feature with excellent characteristics, such as fine supportiveness, biocompatibility, biological persistence, surface anti-biodegradation and environmental stress cracking resistance.
- Standard four-wing pleating process ensures excellent passability after repeated inflation.
- Each balloon has passed the pressure and seal test before leaving the factory. Strict quality control measures minimize the risk of balloon burst and leakage.
- This device is mainly used in Percutaneous Kyphoplasty (PKP) operation to dilate vertebral body and form a cavum which is for injecting bone cement to recover and stabilize vertebral body.

<table>
<thead>
<tr>
<th>Model</th>
<th>Distance of Two Radiopaque Markers</th>
<th>Channel ID</th>
<th>Overall Length</th>
<th>Maximum Volume</th>
<th>PSI Rating</th>
<th>Balloon Type</th>
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<tbody>
<tr>
<td>KBO115</td>
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<td>315</td>
<td>4 cc</td>
<td>400PSI</td>
<td>Peanut Type</td>
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<tr>
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<td>6 cc</td>
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<td>Cylindrical Type</td>
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<tr>
<td>KBO210</td>
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<td>≥ 3.6</td>
<td>315</td>
<td>3 cc</td>
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</table>

Customization is also acceptable to our balloons, such as peanut type, cylindrical type, one-side prior dilation type, unilateral type, etc.

**Balloon inflator**

- Optimal head fluid channel design makes it convenient for venting.
- O-type plunger design makes for low frictional resistance and can pressure easily.
- Screw fixed design of pressure gauge assures safety and reliability of the seal.
- The inflator is equipped with fluorescent gauge, which contributes to accuracy of reading.
- Ergonomic handle is comfortable and convenient to grasp.
- The inflator is of good leakproofness since it uses materials with high strength and safety.
- 8 type inflator is equipped with push-up safety lock, which is easy to operate.
- This device is mainly used for hydraulic pressure on balloons to achieve the function of balloon dilation.
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