Physician’s Best Choice for Vertebroplasty

**BALEX**

**Indication**
- VCF (Vertebral compression fracture) due to Osteoporosis
- Osteolytic fracture
- Metastatic bone fractures

**Opening & Closing Switch**
The Opening & Closing Switch controls inflow conditions of fluid to prevent expansion and shrinking of the balloon.

**Pressure Mode Lever**
The Pressure Mode Lever makes it possible for convenient surgery to select pressurization modes, such as bulk / micro pressurization and depressurization.

**Pressure Handle**
The Pressure Handle is an innovative device to pressure. Push or turn of the handle generates bulk or micro pressure for more stable and accurate vertebral recovery.

**Specification**

<table>
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<th>No</th>
<th>Initial Length (mm)</th>
<th>PSI Rating</th>
<th>Maximum Diameter (mm)</th>
<th>Maximum Length (mm)</th>
<th>Maximum Volume (mm)</th>
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</table>
1. Through the pedicle of damaged vertebral body, entry Wire-pin, Expander and Cannula using manual control.

2. After insertion of Expander through the Cannula, a physician slowly inflates the Balloon with initial bulk-pressure.

3. The physician controls the volume of the Balloon to recover the damaged vertebral body with micro-pressure until intact level of the vertebral body. The physician should record amount of injected fluid to predict the cement volume.

4. Inject the proper quantity of bone cement into the operating region with the cement tube.

Pressure Gauge
The Pressure Gauge indicates applied pressure for vertebral recovery. The maximum allowable pressure of surgery is 300psi.

Measuring Vessel
Scale marks of the Measuring Vessel helps to predict amount of required bone cement with measuring amount of injected fluid.

Balloon
The Balloon recovers intact vertebral morphology and makes a cavity to cement by injected fluid from the pressurizer after insertion at damaged vertebral body.