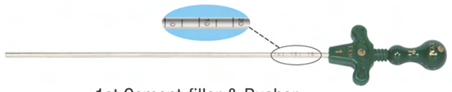
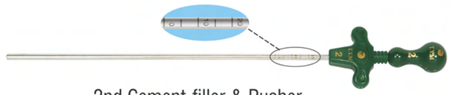
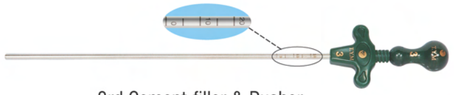
Accessory



1st Cement-filler & Pusher



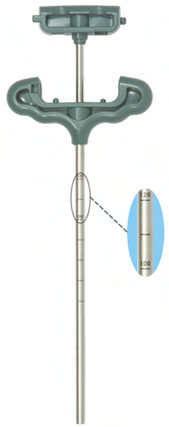
2nd Cement-filler & Pusher



3rd Cement-filler & Pusher

Spacer

1st Needle



Cannular & Expander

Wire-Pi n

Specification

No	Initial Lenght (mm)	PSI Rating	Maximum Diameter (mm)	Maximum Length (mm)	Maximum Volume (mm)
TYP 0510	10	300	14	16	3
TYP 0515	15	300	17	22	4
TYP 0520	20	300	19	34	6

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CE 0120

Physician's Best Choice for Vertebroplasty

BALEX

Indication

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

TAEYEON
Medical CO.,LTD.

Opening & Closing Switch

The 'Opening & Closing Switch' controls inflow condition of fluid to preserve expanding and shrinking of the balloon.

Pressure Mode Lever

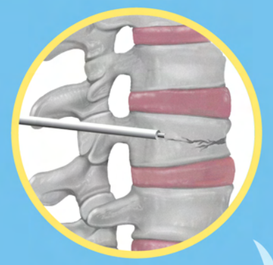
The 'Pressure Mode Lever' makes it possible for convenient surgery to select pressurization modes, such as bulk / micro pressurization and depressurization.

Pressure Handle

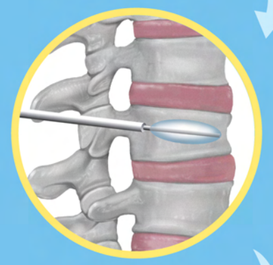
The 'Pressure Handle' is an innovative device to pressurize. Push or turn of the handle generates bulk or micro pressure for more stable and accurate vertebral recovery.

Technique

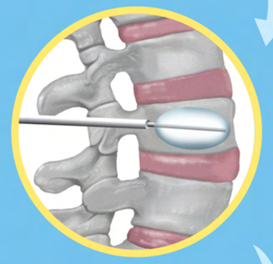
1. Through the pedicle of damaged vertebrae body, entry Wire-pin, Expander and Cannular using manual control.



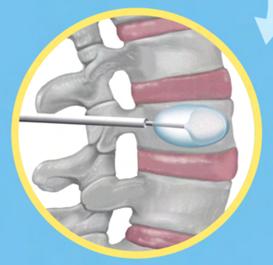
2. After insertion of Expander through the Cannular, a physician slowly inflates the Balloon with initial bulk-pressure.



3. The physician controls the volume of the Balloon to recover the damaged vertebral body with micro-pressure until intact level of the vertebrae 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.



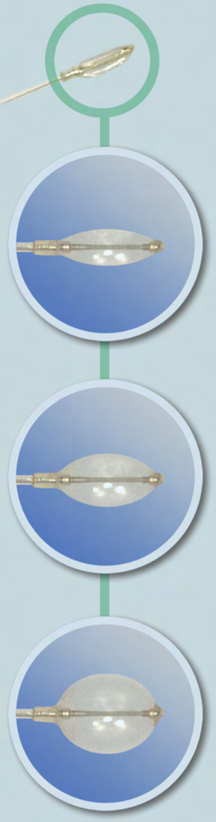
※During the operation, the physician should check procedures with C-arm for stable and accurate surgery.

Measuring Vessel

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

Pressure Gauge

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



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.