

Kyphoplasty System





*Percutaneous Vertebroplasty and, more recently, **Kyphoplasty**, are Vertebral Body Augmentation procedures used for the treatment of painful vertebral compression fractures caused by osteoporosis, tumors or trauma.*



KYPHOPLASTY SYSTEM

Kyphoplasty Tool

Kyphoplasty Balloon

Kyphoplasty Inflation Pump

KYPHOPLASTY TOOL

Percutaneous Access Device

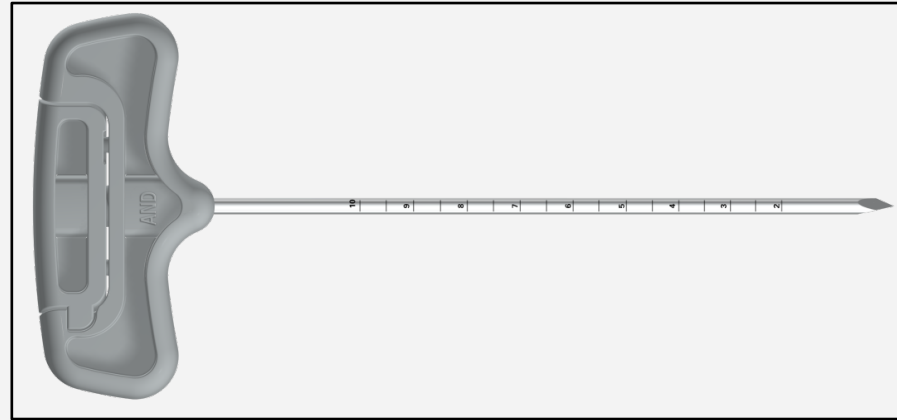
Sizes:

Φ2.5mm(customize)-120mm

Φ3.0mm-128mm

Φ4.2mm-138mm

Scale Mark: 10 cm



Tip: Bevel and diamond type

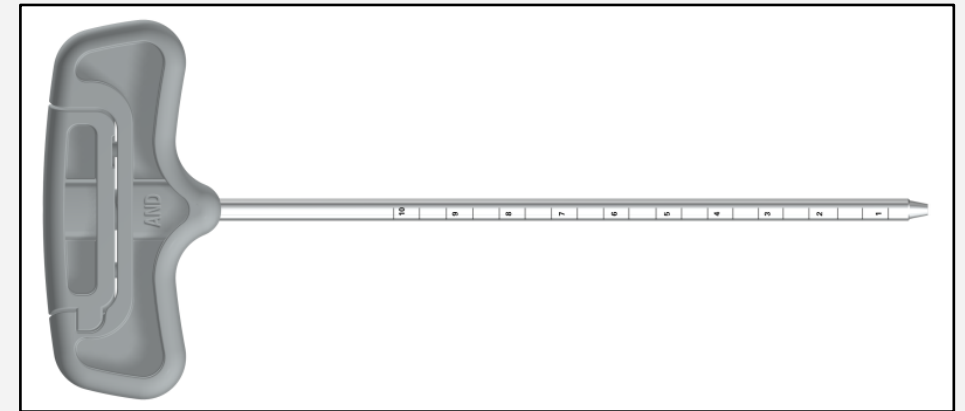




Expansion Cannula

Size: Φ 4.2mm-137mm

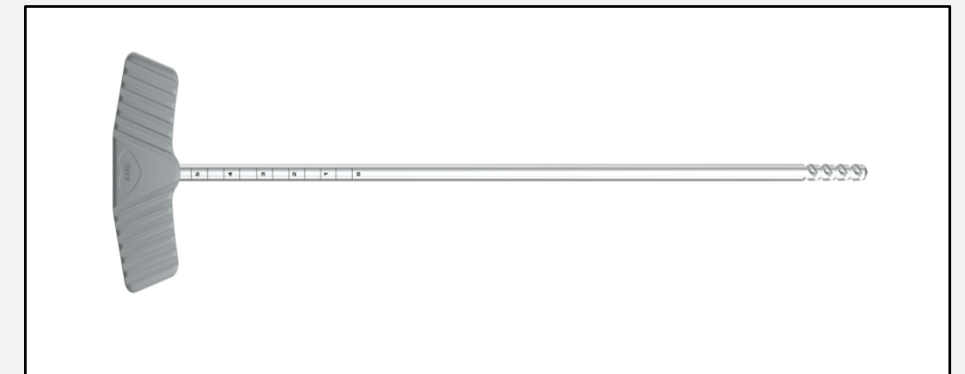
Scale Mark: 10cm



Aiguille

Size: Φ 3.5mm-250mm

Diamond tip (Solid & Precision)

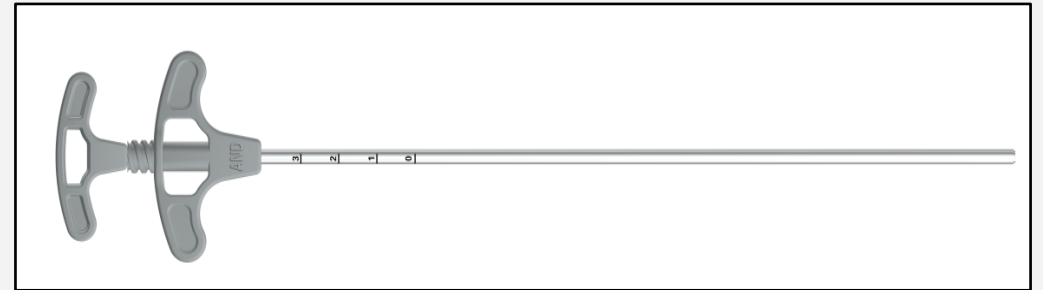




Bone Cement Applier

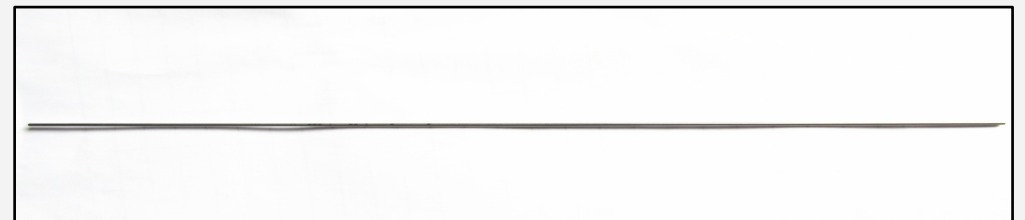
Size: Φ 3.5mm-250mm

Volume: 1.5ml/pc



Guide Wire

Size: Φ 1.55mm-268mm



Kyphoplasty Tools are available in following configurations:



D-set (standard)

Φ3.0 Percutaneous Access Device	2pcs
Φ4.2 Expansion Cannula	2pcs
Φ3.5 Aiguille	1pc
Φ3.5 Bone Cement Applicator	6pcs
Guide wire	1pc



B-set

Φ3.0 Percutaneous Access Device	1pc
Φ4.2 Expansion Cannula	1pc
Φ3.5 Aiguille	1pc
Φ3.5 Bone Cement Applicator	4pcs
Guide wire	1pc

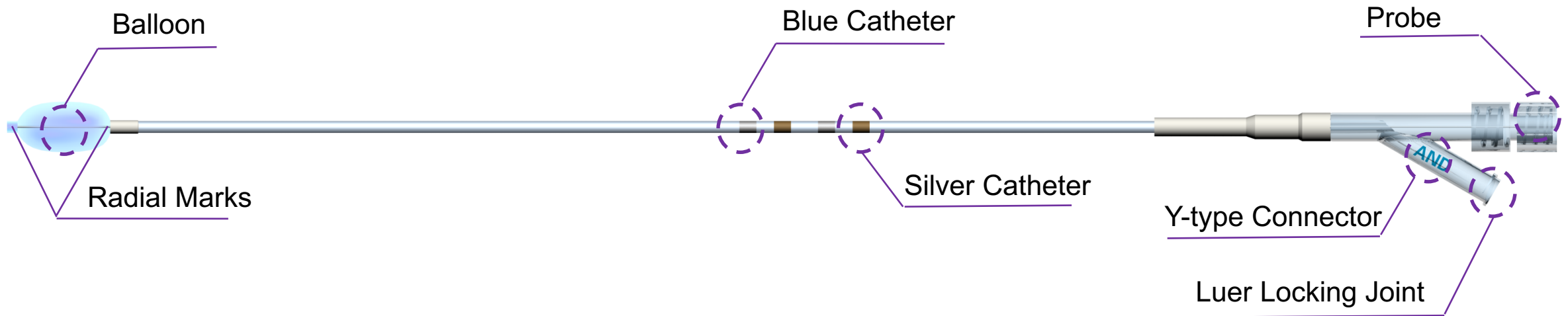


G-set

Φ4.2 Percutaneous Access device	1pc
Φ3.5 Aiguille	1pc
Φ3.5 Bone Cement Applicator	4pcs
Guide wire	1pc



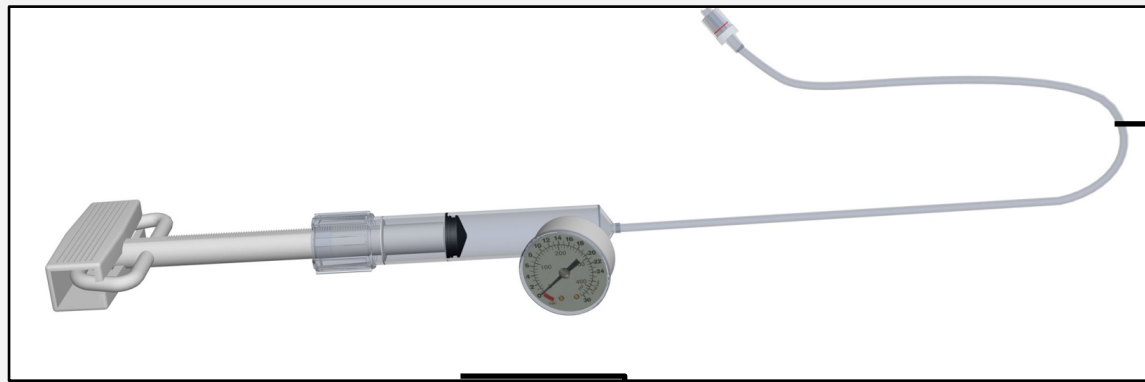
KYPHOPLASTY BALLOON



Type/Model	Specifications	Initial Length	Pressure
QN-I	10	10mm $\pm$ 10%	400PSI $\pm$ 10%
	15	15mm $\pm$ 10%	400PSI $\pm$ 10%
	20	20mm $\pm$ 10%	400PSI $\pm$ 10%

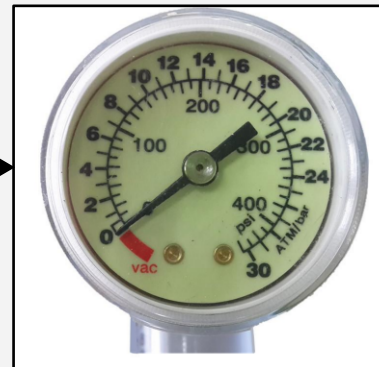


KYPHOPLASTY INFLATION PUMP



Luer Locker Connector

Model	Maximum Range
YLB-20	20 atm
YLB-25	25 atm
YLB-30	30 atm
YLB-40	40 atm

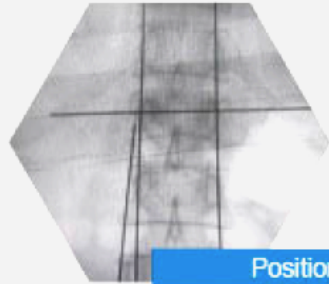


Range: 0-40 Atm

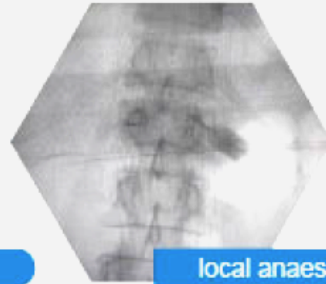


1 atm=101325Pa
1 atm=760mmHg

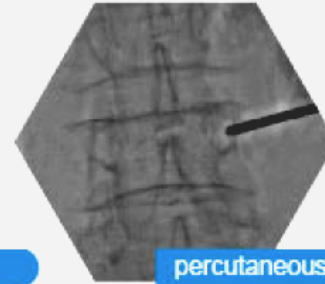
Operation Steps



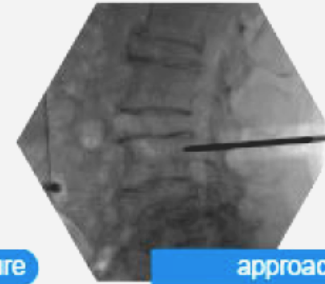
Position



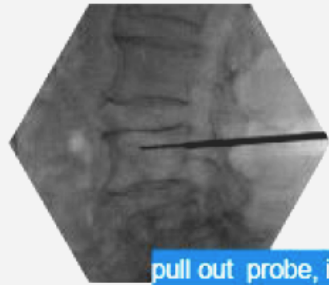
local anaesthesia



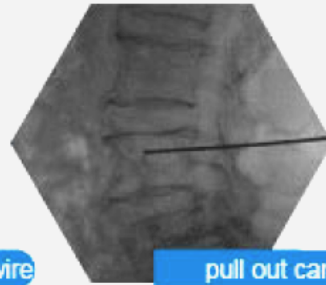
percutaneous puncture



approach



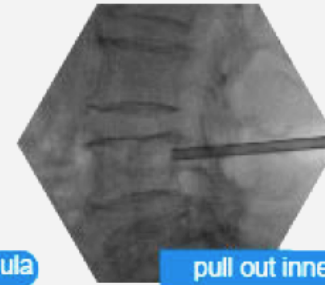
pull out probe, insert wire



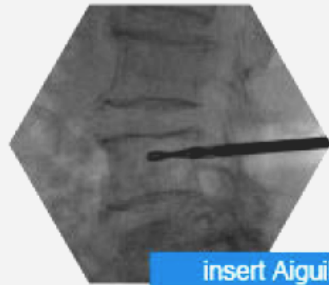
pull out cannula



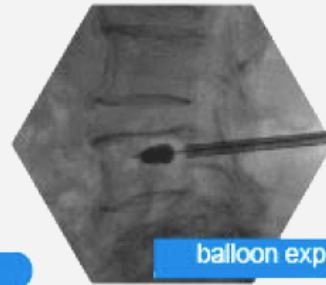
Insert expansion cannula



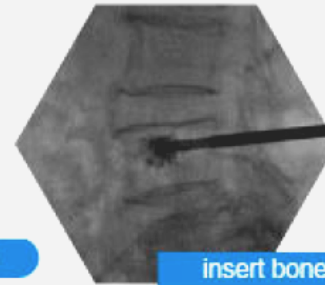
pull out inner cannula



insert Aiguille



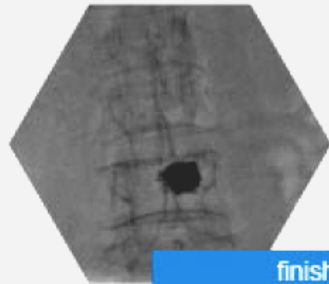
balloon expansion



insert bone cement



in process



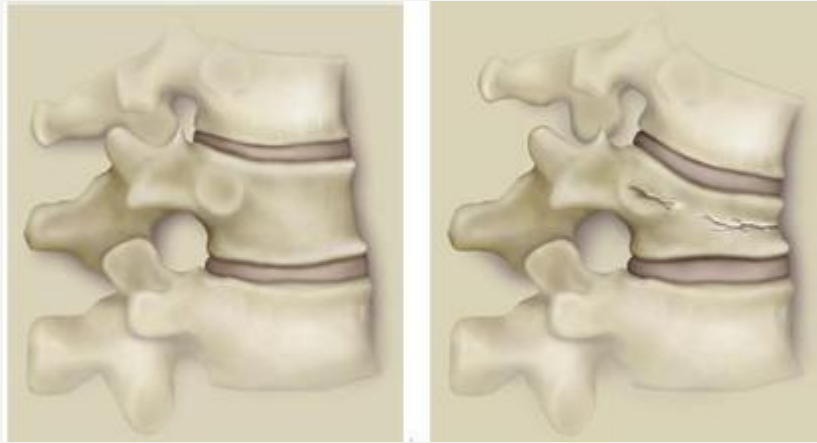
finish





PRODUCT FEATURES

- Three sizes (10mm, 15mm, 20mm) to fit more indications
- Simple, ease-of-use balloon pump device
- Radiopaque markers on the balloon indicates accurate positioning
- Percutaneous surgical approach
- Decrease the risk of cement leakage
- Rapidly restore the collapsed vertebral body



INDICATIONS:

- Vertebral compression fractures
- Vertebral tumor
- Fresh back wall fracture of the elderly
- To carry drugs to enhance PVP effect

CONTRAINDICATIONS:

- Patients with 75% vertebral compression fracture
- Patients with vertebral posterior fracture or broken
- Patients with dysfunction of blood coagulation
- Patients in terminal stage
- Patients with serious cardiopulmonary diseases

TAKE AWAY POINTS

- ✓ *Minimal invasive surgery*
- ✓ *Easy operation procedures*
- ✓ *Small risk, low complications*
- ✓ *Quick to recover*
- ✓ *Release pain and reinforce damage*
- ✓ *Local anesthesia*





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