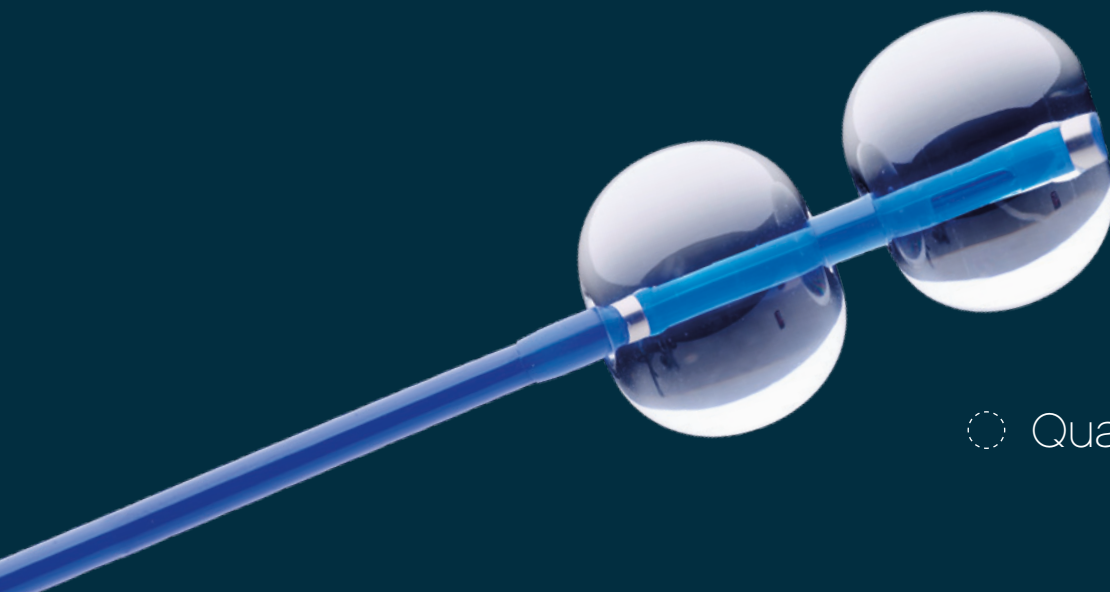


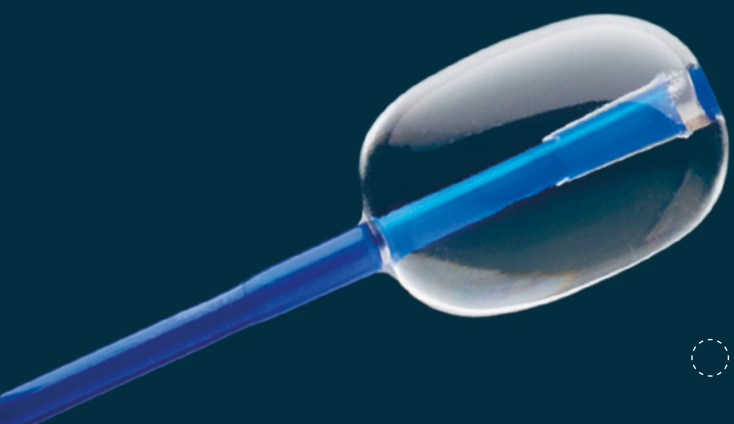
U.S.

Joline®

Innovation in spine surgery



○ Quattroplasty®



○ Kyphoplasty



medical products
developed and produced
exclusively in Germany

Kyphoplasty

Single Balloon Catheter



16 mm

US9402 – Kypho Balloon Catheter 16/16

Ø 16 mm, Balloon length = 16 mm,
max. pressure 27 bar (400 psi) / max. vol. 4 ml



22 mm

US9403 – Kypho Balloon Catheter 22/16

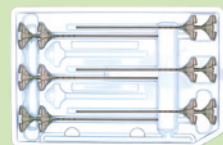
Ø 16 mm, Balloon length = 22 mm,
max. pressure 27 bar (400 psi) / max. vol. 6 ml

Product Information – Single Balloon Kits / Kyphoplasty Kits

Smart Kits

US7NA2110

Balloon: Ø 16 mm
Balloon length: 16 mm

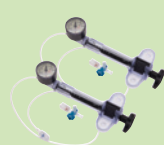
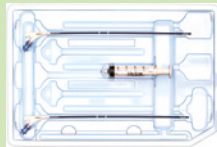


Kit components:

- 2 x Vertebra Access Device
- 2 x Guide Pin, blunt
- 2 x Cannula Plug
- 1 x Vertebra Introducer Device
- 1 x Vertebra Introducer Cannula

US7NA2120

Balloon: Ø 16 mm
Balloon length: 22 mm



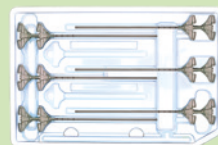
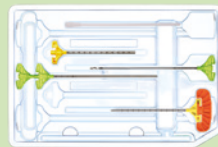
- 1 x Vertebra Biopsy Device
- 1 x Bone Drill
- 2 x Single Balloon Catheter
- 1 x Vacuum Syringe
- 2 x Inflation Device
- 6 x Vertebra Filler Device (frontal opening)

Smart Kits

RapidIntro Bevel Tip

US7NR2110

Balloon: Ø 16 mm
Balloon length: 16 mm

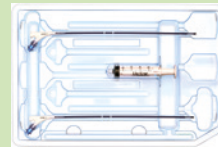


Kit components:

- 1 x RapidIntro Bevel Tip
- 2 x Cannula Plug
- 1 x Vertebra Introducer Cannula
- 1 x Vertebra Biopsy Device
- 1 x Bone Drill
- 2 x Single Balloon Catheter

US7NR2120

Balloon: Ø 16 mm
Balloon length: 22 mm



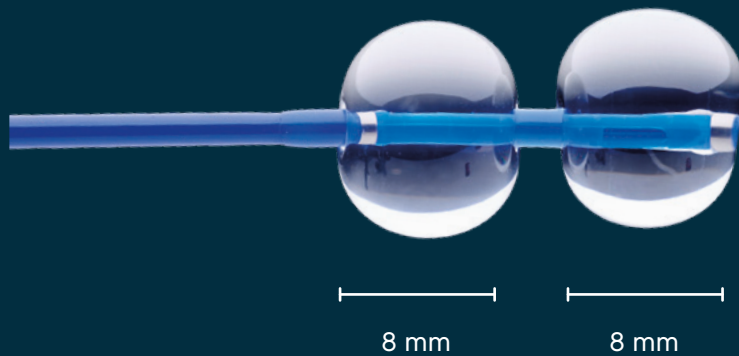
- 1 x Vacuum Syringe
- 2 x Inflation Device
- 6 x Vertebra Filler Device (frontal opening)

Quattroplasty®

Double Balloon Catheter

Advantages over Single Balloon

Stop'n GO Double Balloon Catheter 2 x 8 mm



- 1 With the Stop'n GO Double Balloon, the surgeon uses up to four balloons in one vertebral body.
- 2 The pressure and volume of each single balloon is adjusted separately.
- 3 The necessary force is directed to the desired point to reconstruct the vertebral body step by step.

US9420 – Stop'n GO Double Balloon Catheter 2 x 8 mm

Ø 16 mm, Balloon length = 2 x 8 mm

max. pressure 27 bar (400 psi) / max. vol. 2 x 3 ml

Product Information – Double Balloon Kits / Quattroplasty® Kits

Smart Kit

Stop'n GO 2 x 8 mm for Quattroplasty®

Smart Kit RapidIntro Bevel Tip

Stop'n GO 2 x 8 mm for Quattroplasty®

Smart Kit Mod. OnePedicule Kit

Stop'n GO 2 x 8 mm for Quattroplasty®

US7NA2200

Balloons: 2 x Ø 16 mm

Balloon length: 2 x 8 mm

US7NR2200

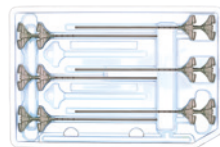
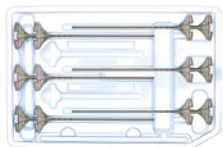
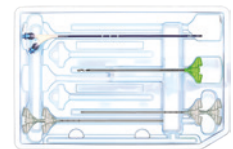
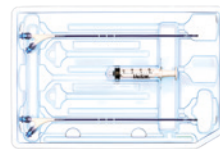
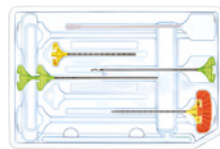
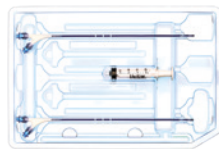
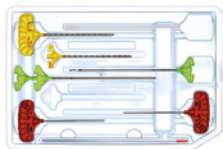
Balloons: 2 x Ø 16 mm

Balloon length: 2 x 8 mm

US7NN1200

Balloons: 2 x Ø 16 mm

Balloon length: 2 x 8 mm



Kit components:

- 2 x Stop'n GO Double Balloon Catheter
- 2 x Vertebra Access Device
- 2 x Guide Pin, blunt
- 2 x Cannula Plug
- 1 x Vertebra Introducer Device
- 1 x Vertebra Introducer Cannula
- 1 x Vertebra Biopsy Device
- 1 x Bone Drill
- 2 x Balloon Adaptor
- 1 x Vacuum Syringe
- 2 x Inflation Device
- 6 x Vertebra Filler Device (frontal opening)

Kit components:

- 2 x Stop'n GO Double Balloon Catheter
- 1 x RapidIntro Bevel Tip
- 2 x Cannula Plug
- 1 x Vertebra Introducer Cannula
- 1 x Vertebra Biopsy Device
- 1 x Bone Drill
- 2 x Balloon Adaptor
- 1 x Vacuum Syringe
- 2 x Inflation Device
- 6 x Vertebra Filler Device (frontal opening)

Kit components:

- 1 x Stop'n GO Double Balloon Catheter
- 1 x Bone Drill
- 1 x Balloon Adapter
- 1 x Vacuum Syringe
- 1 x Inflation Device
- 2 x Vertebra Filler Device (frontal opening)

Quattroplasty® / Kyphoplasty

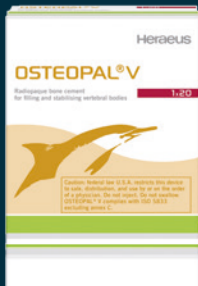
Accessories

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Bone Cement



US9702
BonOs® Inject Bone Cement



US9704
Osteopal® V Bone Cement



Cement Mixing System

US9610
Mixer



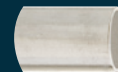
Application Instruments



US9604
Vertebra Filler Device flexPlunger (frontal opening)



US9601
Vertebra Filler Device
(frontal opening)



US9602
Vertebra Filler Device
(side opening)

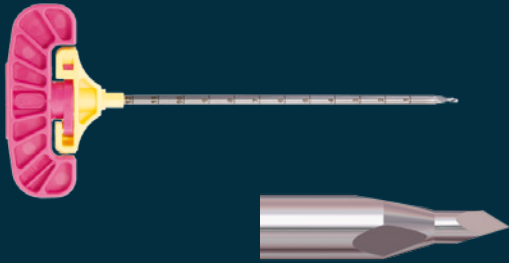


Quattroplasty® / Kyphoplasty

One-Step Devices

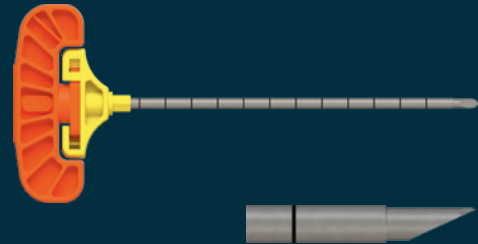

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SpeedTrack Device



US9312
SpeedTrack Short Tip
Introducer Cannula & Stylet

RapidIntro Device

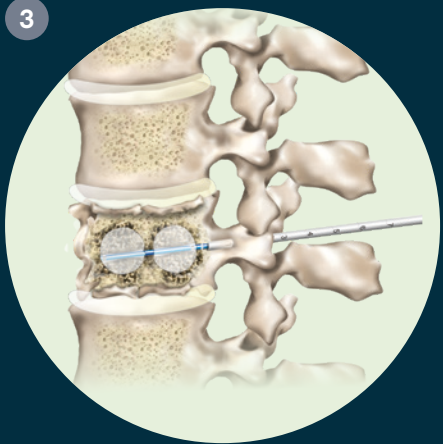
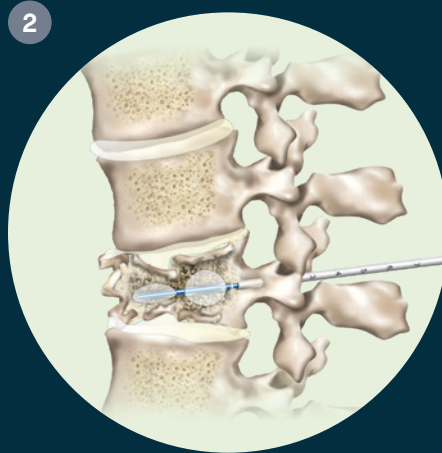
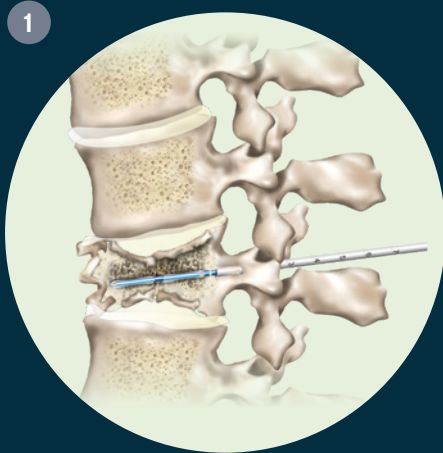


US9213
RapidIntro Bevel Tip
Introducer Cannula & Stylet

Color Coded System



Quattroplasty® Double Balloon



Joline®

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