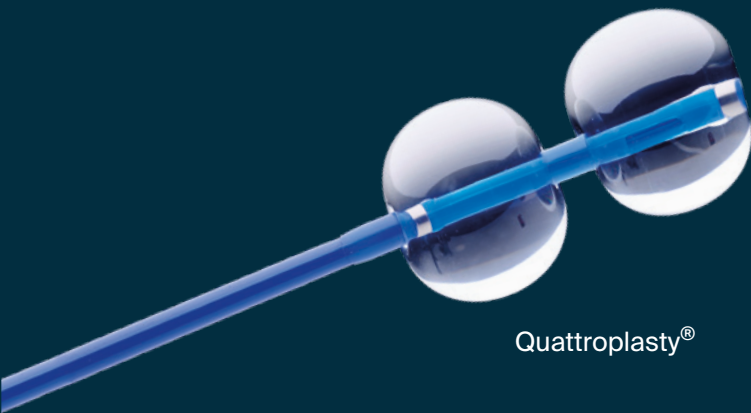


U.S.

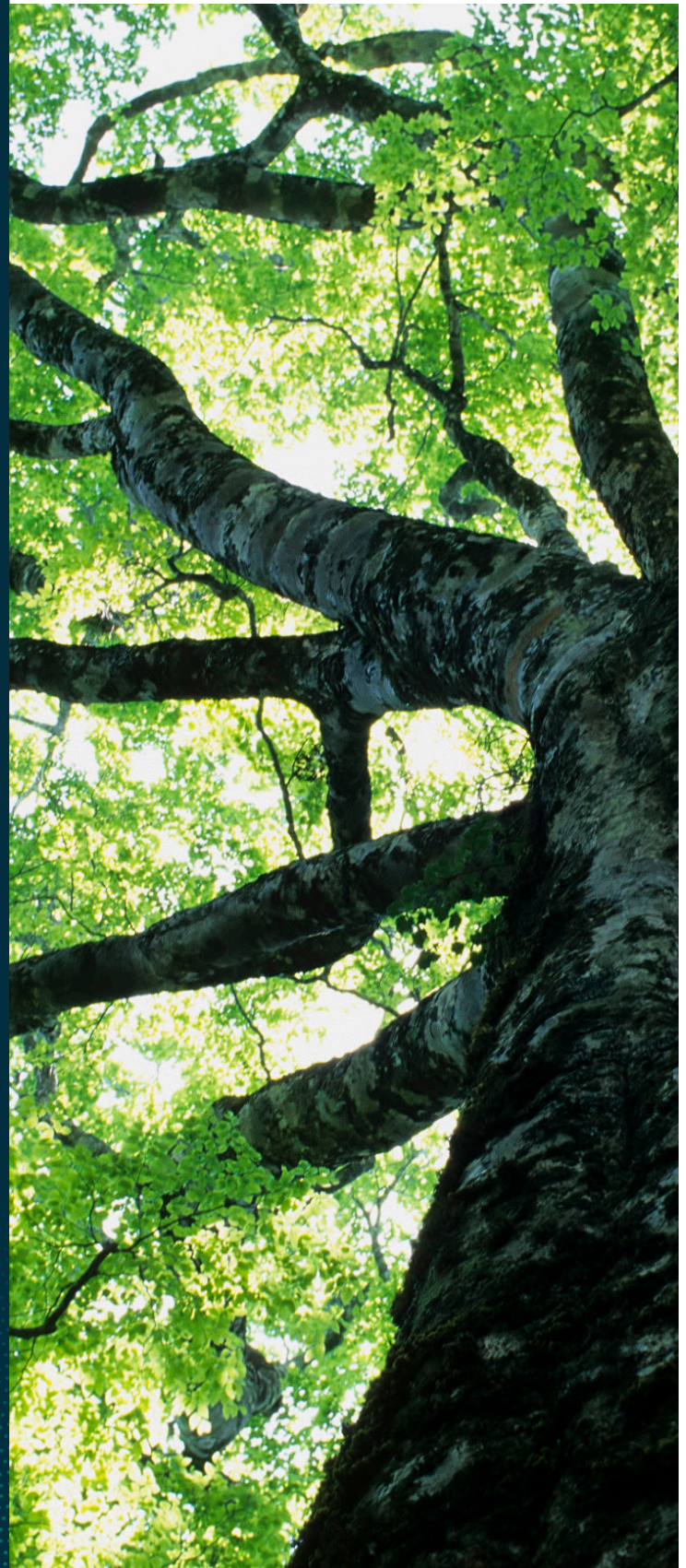
# Innovation in spine surgery



Quattroplasty<sup>®</sup>



Kyphoplasty



Spine



# Kyphoplasty

## Single Balloon Catheter



**16 mm**

**US9402 – Kypho Balloon Catheter 16/16**

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



**22 mm**

**US9403 – Kypho Balloon Catheter 22/16**

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

## Product Information – Single Balloon Kits / Kyphoplasty Kits

### Smart Kits

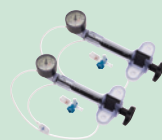
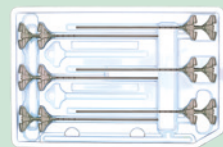
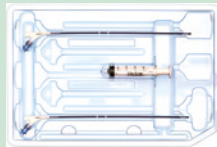
#### US7NA2110

Balloon: Ø 16 mm  
Balloon length: 16 mm



#### US7NA2120

Balloon: Ø 16 mm  
Balloon length: 22 mm



#### Kit components:

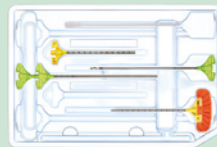
- 2 x Vertebra Access Device
- 2 x Guide Pin, blunt
- 2 x Cannula Plug
- 1 x Vertebra Introducer Device
- 1 x Vertebra Introducer Cannula
- 1 x Vertebra Biopsy Device
- 1 x Bone Drill
- 2 x Single Balloon Catheter
- 1 x Vacuum Syringe
- 2 x Inflation Device
- 6 x Vertebra Filler Device (frontal opening)

### Smart Kits

#### RapidIntro Bevel Tip

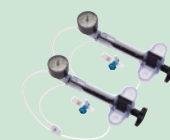
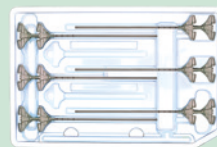
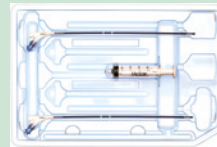
#### US7NR2110

Balloon: Ø 16 mm  
Balloon length: 16 mm



#### US7NR2120

Balloon: Ø 16 mm  
Balloon length: 22 mm

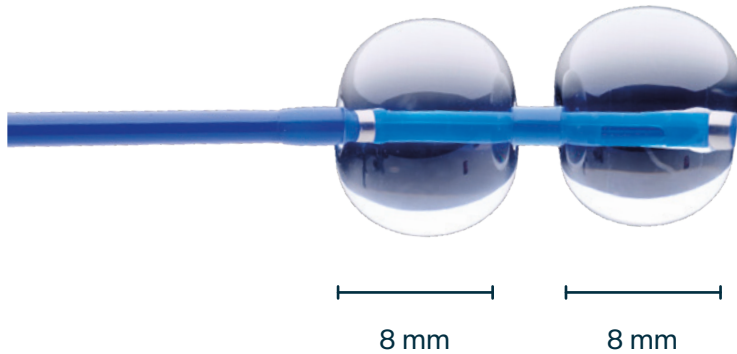


#### Kit components:

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

# Quattroplasty® Double Balloon Catheter

## Stop'n GO Double Balloon Catheter 2 x 8 mm



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

Ø 16 mm, Balloon length = 2 x 8 mm

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

## Advantages over Single Balloon

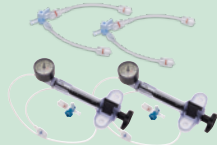
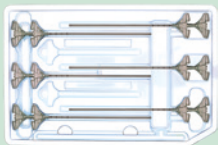
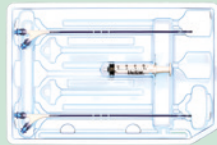
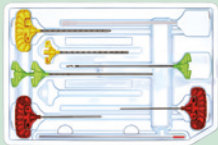
- 1 With the Stop'n GO Double Balloon Catheter, the surgeon uses up to **FOUR** balloons in one vertebral body.
- 2 The pressure and volume of each single balloon is adjusted separately.
- 3 The necessary force is directed to the desired point to reconstruct the vertebral body step by step.
- 4 Bone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

## Product Information – Double Balloon Kits / Quattroplasty® Kits

Smart Kit  
Stop'n GO 2 x 8 mm for Quattroplasty®

### US7NA2200

Balloons: 2 x Ø 16 mm  
Balloon length: 2 x 8 mm



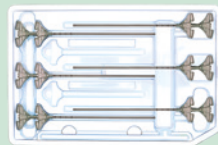
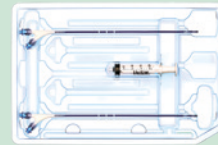
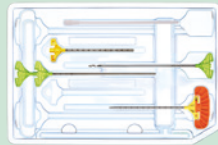
#### Kit components:

- 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)

Smart Kit RapidIntro Bevel Tip  
Stop'n GO 2 x 8 mm for Quattroplasty®

### US7NR2200

Balloons: 2 x Ø 16 mm  
Balloon length: 2 x 8 mm



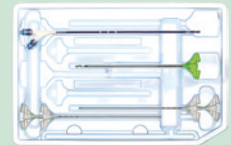
#### Kit components:

- 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)

Smart Kit Mod. OnePedicule Kit  
Stop'n GO 2 x 8 mm for Quattroplasty®

### US7NN1200

Balloons: 2 x Ø 16 mm  
Balloon length: 2 x 8 mm



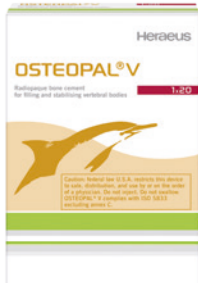
#### Kit components:

- 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

## 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)



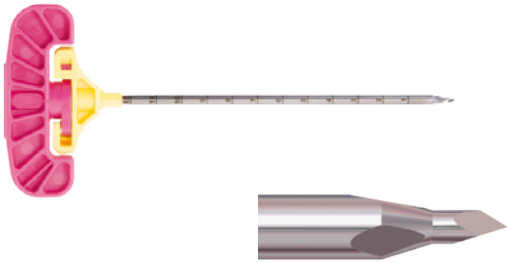
**US9602**  
Vertebra Filler Device  
(side opening)





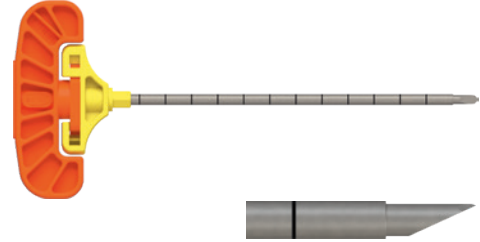
# Quattroplasty® / Kyphoplasty One-Step Devices

## SpeedTrack Device



US9312  
SpeedTrack Short Tip  
Introducer Cannula & Stylet

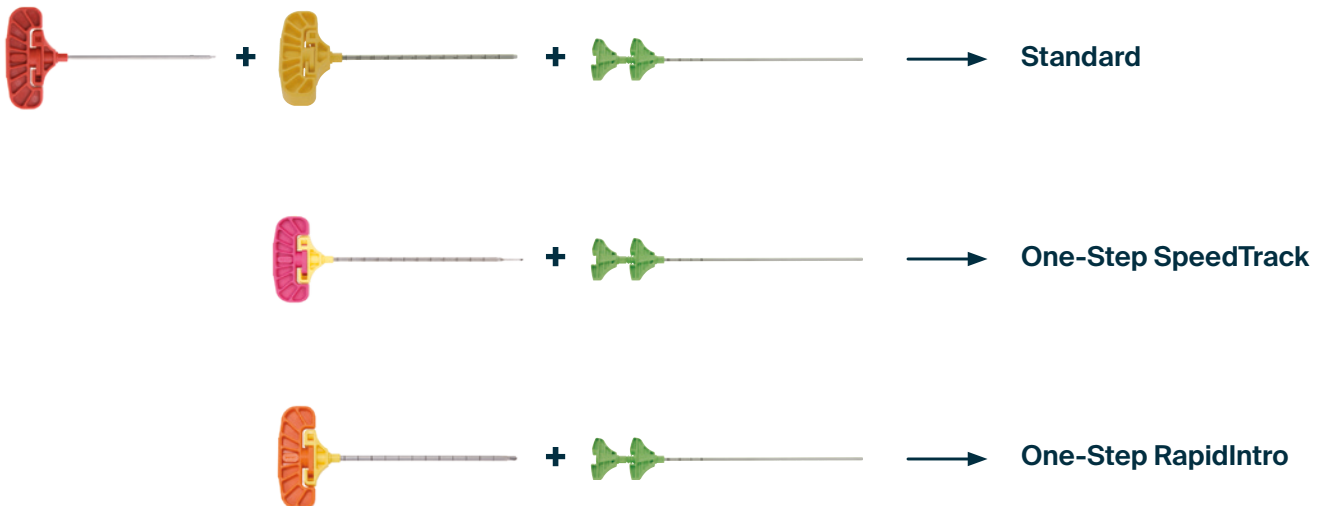
## RapidIntro Device



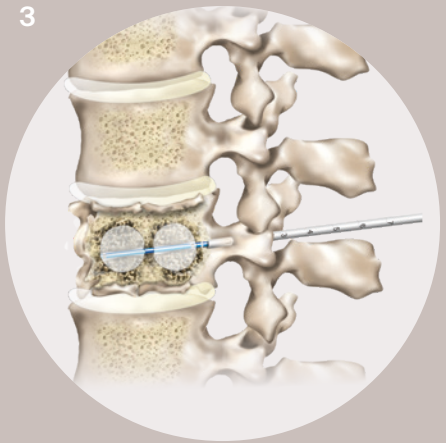
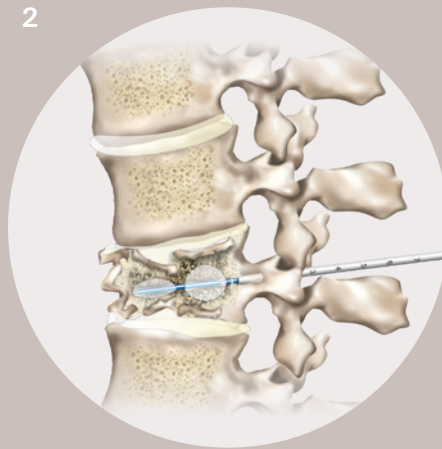
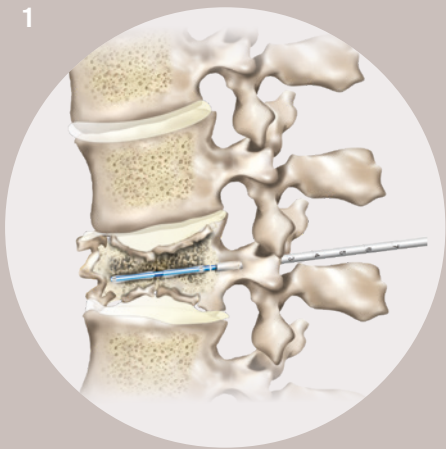
US9213  
RapidIntro Bevel Tip  
Introducer Cannula & Stylet

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## Color Coded System



# Quattroplasty® Double Balloon



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Quality first: Joline is EN ISO 13485 certified.  
Subject to alterations: 53469/24/08\_R01