

For Percutaneous Placement of 3.5 mm Pelvic and Cortex Screws  
in the Pelvic Area

# Cannulated Percutaneous Guiding System

Surgical Technique



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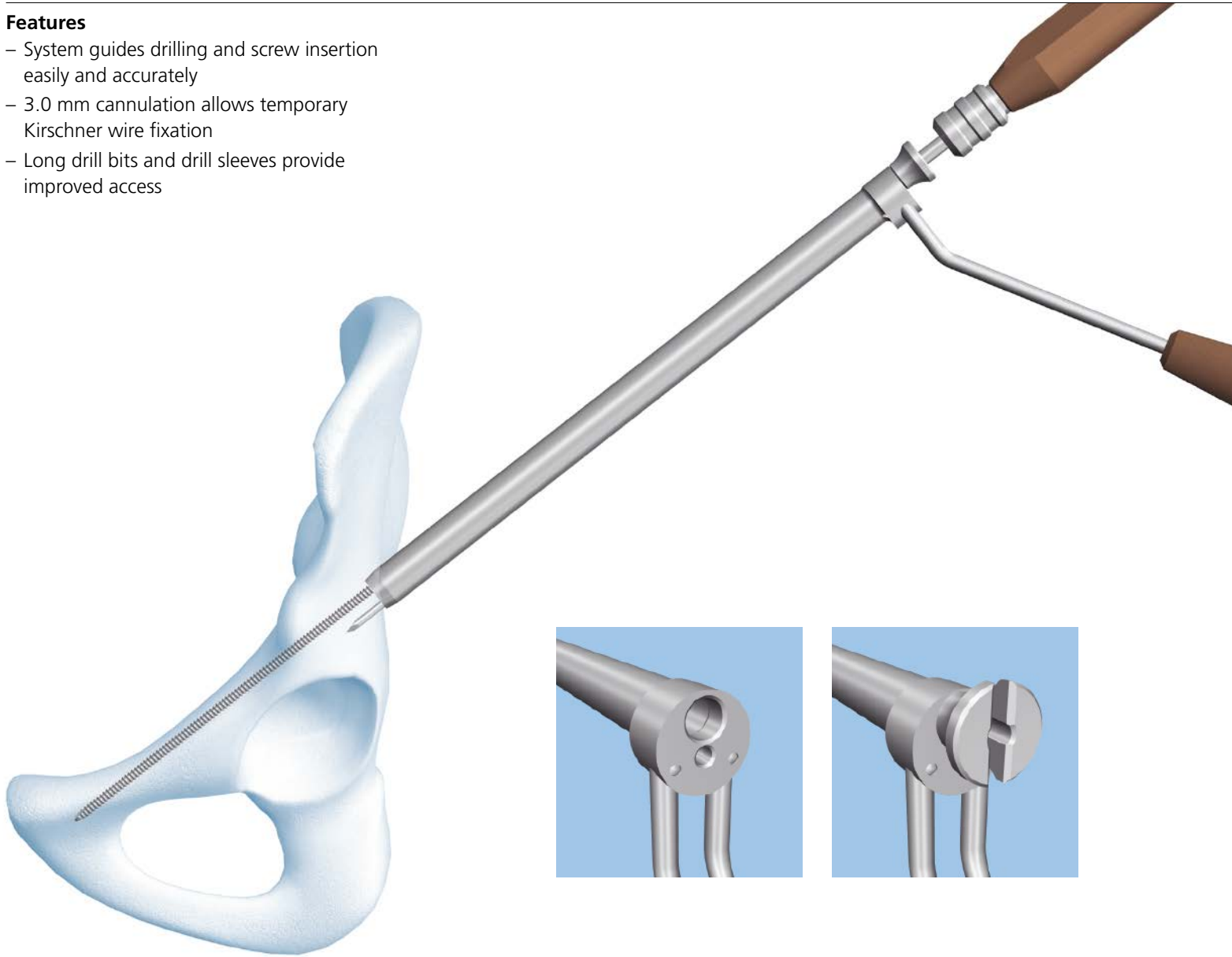
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# Cannulated Percutaneous Guiding System

## Features

- System guides drilling and screw insertion easily and accurately
- 3.0 mm cannulation allows temporary Kirschner wire fixation
- Long drill bits and drill sleeves provide improved access



# Preparation and Insert Kirschner Wire

## 1

### Preparation

Determine the entry point of the screw and dissect.

## 2

### Insert Kirschner wire

#### Instruments

292.26	2.5 mm Kirschner Wire, 285 mm
292.68	2.8 mm Threaded Guide Wire, 300 mm
292.699	2.0 mm Kirschner Wire, 280 mm

Insert a Kirschner wire or guide wire.



# Insert Handle and Cut Kirschner Wire

## 3

### Insert handle

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#### Instrument

03.100.140 Handle, for Cannulated Percutaneous Guiding System

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Insert the handle over the Kirschner wire and bring it into contact with the bony surface.



## 4

### Cut Kirschner wire

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#### Instrument

391.93 Wire Cutter, 220 mm

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To facilitate drilling and screw insertion, cut off the excess Kirschner wire using the wire cutter.



# Determine Screw Length

## 5

### Predrill and determine screw length

#### Instruments

03.100.140	Handle, for Cannulated Percutaneous Guiding System
03.100.141	2.5 mm Drill Sleeve, for Cannulated Percutaneous Guiding System
397.342	2.5 mm Drill Bit, Jacobs chuck, 400 mm

Insert the 2.5 mm drill sleeve. Pre-drill with the 2.5 mm drill bit. Read screw length from the calibration mark at the end of the drill sleeve.

**Note:** Control the direction of the drill bit under image intensification. Ensure the drill remains within the bony channel to avoid damage to surrounding structures.



#### Optional step: Overdrill

#### Optional instruments

03.100.142	3.5 mm Drill Sleeve, for Cannulated Percutaneous Guiding System
397.343	3.5 mm Drill Bit, Jacobs chuck, 380 mm

To overdrill for gliding holes, use the 3.5 mm drill bit through the 3.5 mm drill sleeve.



# Insert Screw and Care and Maintenance

## 6

### Insert screw

#### Instruments

03.100.032	Ratcheting Handle with Quick Coupling
03.100.033	3.5 mm Screwdriver Shaft, hexagonal, long
03.100.045	3.5 mm StarDrive Screwdriver Shaft, T15
311.431	Large Handle with quick coupling

Insert a self-tapping 3.5 mm pelvic or cortex screw, using the screwdriver shaft and handle. Remove the Cannulated Percutaneous Guiding System and the K-wire.



### Care and maintenance

#### Instrument

397.341	3.5 mm Cleaning Brush
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Use the 3.5 mm cleaning brush to clean the cannulations of the Cannulated Percutaneous Guiding System.

# Instruments

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292.26 2.5 mm Kirschner Wire, 285 mm,  
trocar point



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292.68 2.8 mm Threaded Guide Wire, 300 mm



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292.699 2.0 mm Kirschner Wire, threaded spade  
point tip, 280 mm



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03.100.032 Ratcheting Handle with Quick Coupling



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03.100.033 3.5 mm Screwdriver Shaft, hexagonal,  
2.5 mm width across the flats, 250 mm long



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03.100.045 3.5 mm StarDrive Screwdriver Shaft, T15,  
250 mm long



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03.100.140 Handle, for Cannulated Percutaneous  
Guiding System





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03.100.141 2.5 mm Drill Sleeve, for Cannulated Percutaneous Guiding System



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03.100.142 3.5 mm Drill Sleeve, for Cannulated Percutaneous Guiding System



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311.431 Large Handle with quick coupling



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391.93 Wire Cutter, 220 mm



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397.341 3.5 mm Cleaning Brush, 250 mm



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397.342 2.5 mm Drill Bit, Jacobs chuck, 400 mm, 140 mm calibration



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397.343 3.5 mm Drill Bit, Jacobs chuck, 380 mm



# System Components

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## Instruments

292.26	2.5 mm Kirschner Wire, 285 mm
292.68	2.8 mm Threaded Guide Wire Trocar Point, 300 mm
292.699	2.0 mm Kirschner Wire, threaded spade point tip, 280 mm
03.100.032	Ratcheting Handle with Quick Coupling
03.100.033	3.5 mm Screwdriver Shaft, hexagonal, 2.5 mm width across the flats, 250 mm long
03.100.045	3.5 mm Screwdriver Shaft, T15, 250 mm long
03.100.140	Handle, for Cannulated Percutaneous Guiding System
03.100.141	2.5 mm Drill Sleeve, for Cannulated Percutaneous Guiding System
03.100.142	3.5 mm Drill Sleeve, for Cannulated Percutaneous Guiding System
311.431	Large Handle with quick coupling
391.93	Wire Cutter, 220 mm
397.341	3.5 mm Cleaning Brush, 250 mm
397.342	2.5 mm Drill Bit, Jacobs chuck, 400 mm, 140 mm calibration
397.343	3.5 mm Drill Bit, Jacobs chuck, 380 mm

Note: For additional information, please refer to the package insert or [www.e-ifu.com](http://www.e-ifu.com).

For detailed cleaning and sterilization instructions, please refer to [www.depuysynthes.com/hcp/cleaning-sterilization](http://www.depuysynthes.com/hcp/cleaning-sterilization) or sterilization instructions, if provided in the instructions for use.

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