

Cannulated Percutaneous Guiding System

Surgical Technique

For percutaneous placement of 3.5 mm pelvic and cortex screws in the pelvic area



 Image intensifier control

This description alone does not provide sufficient background for direct use of DePuy Synthes products. Instruction by a surgeon experienced in handling these products is highly recommended.

Processing, Reprocessing, Care and Maintenance

For general guidelines, function control and dismantling of multi-part instruments, as well as processing guidelines for implants, please contact your local sales representative or refer to:

<http://emea.depuysynthes.com/hcp/reprocessing-care-maintenance>

For general information about reprocessing, care and maintenance of DePuy Synthes reusable devices, instrument trays and cases, as well as processing of DePuy Synthes non-sterile implants, please consult the Important Information leaflet (SE_023827) or refer to:

<http://emea.depuysynthes.com/hcp/reprocessing-care-maintenance>

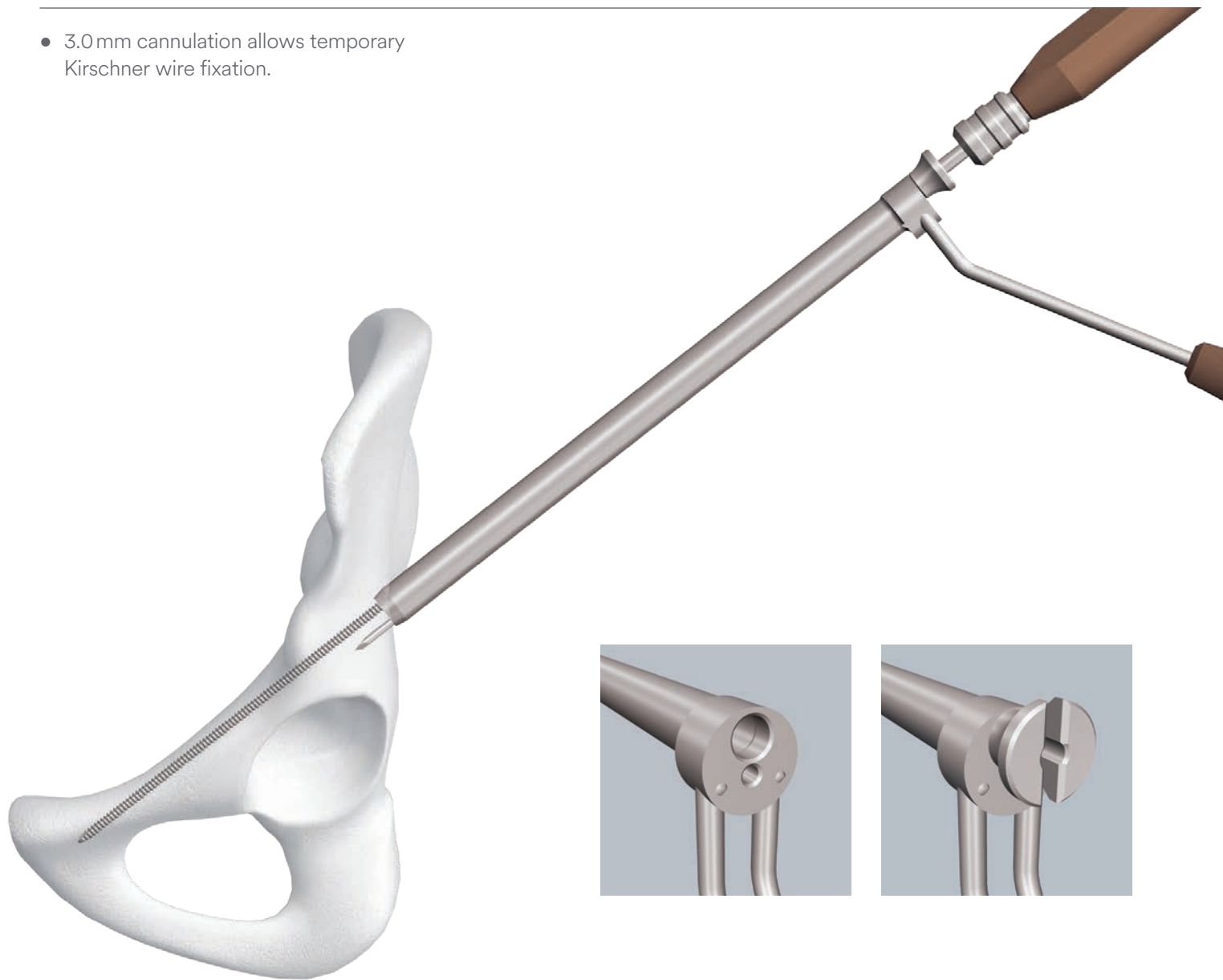
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Cannulated Percutaneous Guiding System

- 3.0 mm cannulation allows temporary Kirschner wire fixation.



1. Preparation

Determine the entry point of the screw and dissect.

2. Insert Kirschner wire

Instruments

292.260	Kirschner Wire Ø 2.5 mm with trocar tip, length 280 mm, Stainless Steel
292.680	Guide Wire Ø 2.8 mm with threaded tip with trocar, length 300 mm
292.699	Kirschner Wire Ø 2.0 mm with threaded tip, length 280 mm

Insert a Kirschner wire or guide wire approximately 1–2 cm into the bone while controlling the correct direction. Be aware that the entry point of the Kirschner wire lies about 5 mm beneath the entry point of the screw.

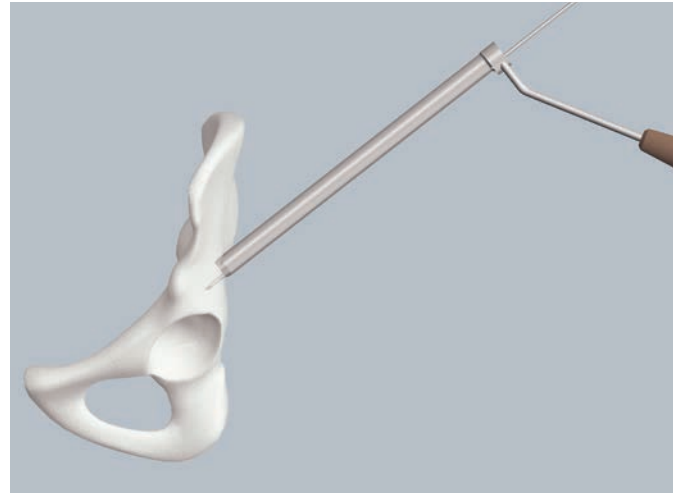


3. Insert handle

Instrument

03.100.140	Cannulated Percutaneous Guiding System
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Insert the cannulated percutaneous guiding system over the Kirschner wire and bring it into contact with the bony surface.



4. Cut Kirschner wire

Instrument

391.930	Wire Cutter, large, with multiplication, length 220 mm
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To facilitate drilling and screw insertion, cut off the excess Kirschner wire using the wire cutter.



5. Predrill and determine screw length

Instruments

03.100.140	Cannulated Percutaneous Guiding System
03.100.141	Drill Sleeve 2.5 mm, for Cannulated Percutaneous Guiding System
397.342	Drill Bit \varnothing 2.5 mm, calibrated, length 400 mm

Insert the 2.5 mm drill sleeve. Pre-drill with the 2.5 mm drill bit.

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.

Read the screw length from the calibration mark at the end of the drill sleeve.

Optional step: Overdrill

Optional Instruments

03.100.142	Drill Sleeve 3.5 mm, for Cannulated Percutaneous Guiding System
397.343	Drill Bit \varnothing 3.5 mm, length 380 mm, for Percutaneous Guiding Instrument No. 397.340

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



6. Insert screw

Instruments

03.100.032	Ratcheting Handle with AO/ASIF Quick Coupling
03.100.033	Screwdriver Shaft, hexagonal, for Screws \varnothing 3.5 mm, length 250 mm
03.100.045	Screwdriver Shaft Stardrive 3.5, T15, length 250 mm, for AO/ASIF Quick Coupling
311.431	Handle with Quick Coupling

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



Instruments

292.260 Kirschner Wire Ø 2.5 mm with trocar tip, length 280 mm, Stainless Steel



292.680 Guide Wire Ø 2.8 mm with threaded tip with trocar, length 300 mm, for cannulated Screws Ø 6.5 and 7.3 mm, Stainless Steel



292.699 Kirschner Wire Ø 2.0 mm with threaded tip, length 280 mm, Stainless Steel



03.100.032 Ratcheting Handle with AO/ASIF Quick Coupling



03.100.033 Screwdriver Shaft, hexagonal, for Screws Ø 3.5 mm, length 250 mm



03.100.045 Screwdriver Shaft Stardrive 3.5, T15, length 250 mm, for AO/ASIF Quick Coupling



03.100.140 Cannulated Percutaneous Guiding System



03.100.141 Drill Sleeve 2.5 mm, for Cannulated Percutaneous Guiding System



03.100.142 Drill Sleeve 3.5 mm, for Cannulated Percutaneous Guiding System



311.431 Handle with Quick Coupling



391.930 Wire Cutter, large, with multiplication, length 220 mm



397.342 Drill Bit Ø 2.5 mm, calibrated, length 400 mm, for Percutaneous Guiding Instrument No. 397.340



397.343 Drill Bit Ø 3.5 mm, length 380 mm, for Percutaneous Guiding Instrument No. 397.340



System Components

Art. No.	Description	Units	Also available
68.100.001	Modular Tray for Cannulated Percutaneous Guiding System	1	68.000.101 Lid for Instrument Tray, size 1/1
68.100.002	Labelling Clip for Cannulated Percutaneous Guiding System	1	689.508 Vario Case, Framing, size 1/1, height 45 mm
			689.507 Lid (Stainless Steel), size 1/1, for Vario Case
The following instruments fit into 68.100.001:			
03.100.140	Cannulated Percutaneous Guiding System	1	
292.680	Guide Wire Ø 2.8 mm with threaded tip with trocar, length 300 mm	10	
292.260	Kirschner Wire Ø 2.5 mm with trocar tip, length 280 mm	10	
or			
292.699	Kirschner Wire Ø 2.0 mm with threaded tip, length 280 mm	10	
03.100.141	Drill Sleeve 2.5 mm, for CPGS	1	
03.100.142	Drill Sleeve 3.5 mm, for CPGS	1	
391.930	Wire Cutter, length 220 mm	1	
03.100.045	Screwdriver Shaft Stardrive 3.5, T15, length 250 mm	1	
or			
03.100.033	Screwdriver Shaft, hex, for Screws Ø 3.5 mm, length 250 mm	1	
397.343	Drill Bit Ø 3.5 mm, length 380 mm	1	
397.342	Drill Bit Ø 2.5 mm, length 400 mm	1	
03.100.032	Ratcheting Handle with AO/ASIF Quick Coupling	1	
or			
311.431	Handle with Quick Coupling	1	

Not all products are currently available in all markets.
This publication is not intended for distribution in the USA.
Intended use, Indications and Contraindications can be found in the corresponding system Instructions for Use.
All Surgical Techniques are available as PDF files at www.depuysynthes.com/ifu



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