



## Cannulated (subtalar) screw

- *IMPLANTS*
- *INSTRUMENT SET 40.6590.900*
- *SURGICAL TECHNIQUE*



#### SYMBOLS DESCRIPTIONS



Titanium or titanium alloy



Diameter



Self - tapping



Caution - pay attention to a special procedure.



Perform the activity under X-Ray control.



Information about the next stages of a procedure.



Proceed to the next stage.



Return to the specified stage and repeat the activity.



Before using the product, carefully read the Instructions for Use. It contains, among others, indications, contraindications, side effects, recommendations and warnings related to the use of the product.



The above description is not a detailed instruction of conduct. The surgeon decides about choosing the operating procedure.

**[www.chm.eu](http://www.chm.eu)**

Document No ST/102

Date of issue 22.03.2021

Review date P-001-22.03.2021

*The manufacturer reserves the right to introduce design changes.  
Updated INSTRUCTIONS FOR USE are available at the following website: [ifu.chm.eu](http://ifu.chm.eu)*

I. INTRODUCTION	5
II. IMPLANTS	6
II.1. CANNULATED ( <i>SUBTALAR</i> ) SCREW	6
III. INSTRUMENT SET	7
IV. SURGICAL TECHNIQUE	9
IV.1. SURGICAL APPROACH	9
IV.2. IMPLANT INSERTION	9
IV.3. IMPLANT REMOVAL	10



## I. INTRODUCTION

The cannulated (*subtalar*) screw is a one-element device that is used in the treatment of pes plano-valgus (*flat feet*) in children and adolescents.

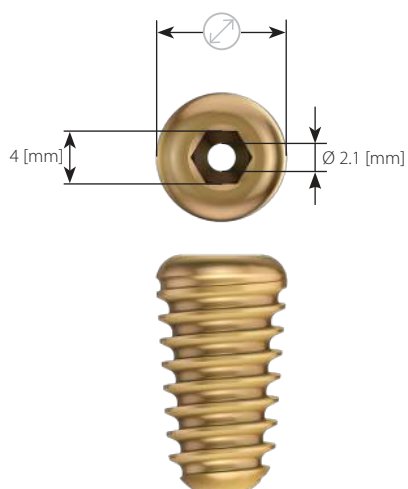
Indications for use:




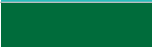





- fixed pes plano-valgus,
- flexible pes plano-valgus,
- pes plano-valgus with Achilles tendon contracture.

The presented range of implants is made of materials in accordance with ISO 5832 standard. Compliance with the requirements of quality management systems and the requirements of Directive 93/42/EEC concerning medical devices guarantee high quality of the offered implants.

## II. IMPLANTS










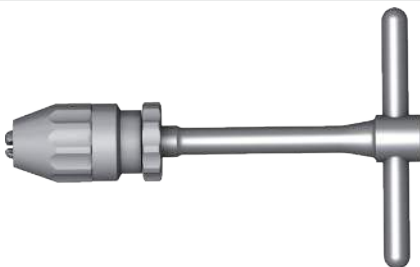
### II.1. CANNULATED (*SUBTALAR*) SCREW



		 Ti	colours
8		3.1739.008	
9		3.1739.009	
10		3.1739.010	
11		3.1739.011	
12		3.1739.012	
13		3.1739.013	
14		3.1739.014	

### III. INSTRUMENT SET

Instrument set [40.6590.000] is used to insert the subtalar screw, and to remove the implant after the treatment period. All instruments are placed on a stand with a container and lid to facilitate storage and transportation to the operating suite.

Instrument set for cannulated (subtalar) screws 40.6590.900	Name	Catalogue no.	Pcs
	Guide rod 2.0/380	40.6597.380	2
	Trial 8	40.6574.080	1
	Trial 9	40.6574.090	1
	Trial 10	40.6574.100	1
	Trial 11	40.6574.110	1
	Trial 12	40.6574.120	1
	Trial 13	40.6574.130	1
	Trial 14	40.6574.140	1
	Screwdriver S4	40.6591.000	1
	Steinmann handle	40.0987.200	1

Instrument set for cannulated (subtalar) screws 40.6590.900	Name	Catalogue no.	Pcs
	Perforated aluminum lid 1/1 595x275x15mm Gray	12.0750.200	1
	Stand	40.6599.900	1
	Container with solid bottom 1/1 595x275x86mm	12.0750.100	1



## IV. SURGICAL TECHNIQUE

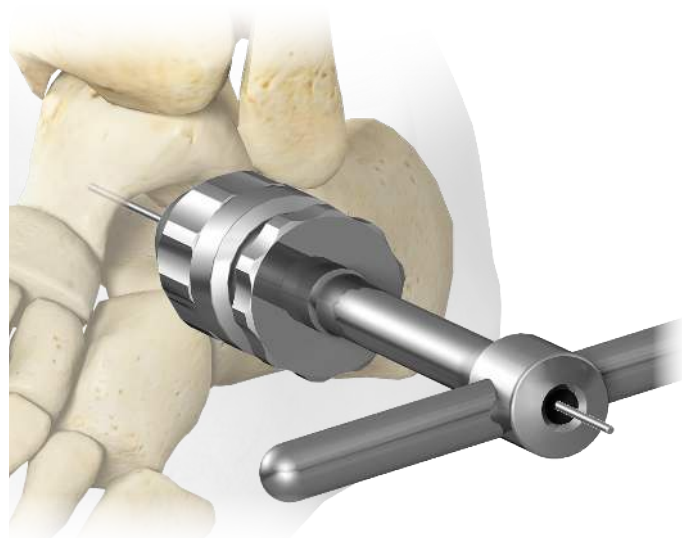
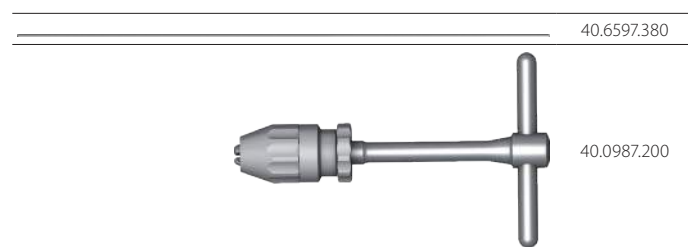
### IV.1. SURGICAL APPROACH

- 1 Perform an incision for 1-3 cm on the lateral aspect of the foot over the sinus tarsi region.



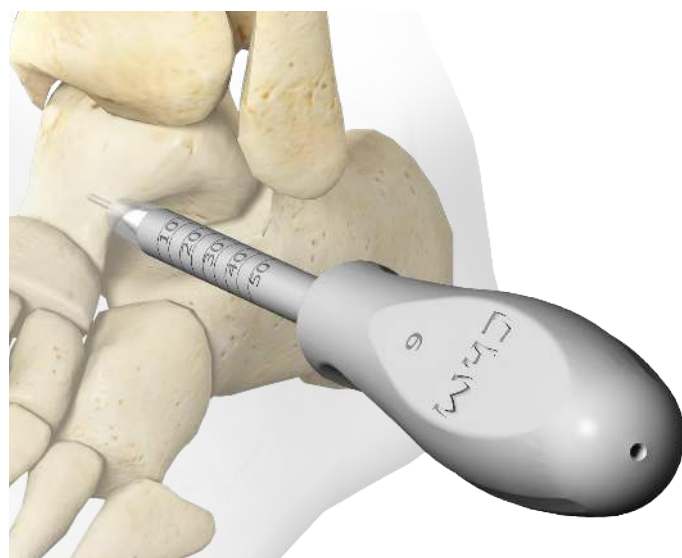
### IV.2. IMPLANT INSERTION

- 2 Using STEINMANN handle [40.0987.200], insert guide rod 2.0/380 [40.6597.380] into the sinus tarsi. The end of the rod should be perceptible on the other side of the foot inferior to the medial malleolus - a small bulge of the skin should be visible.



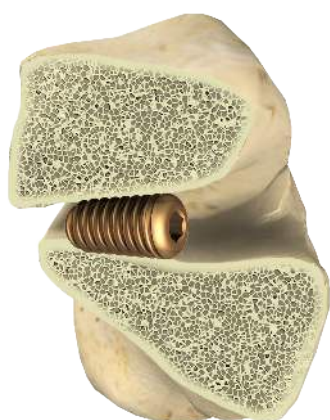
- 3 Insert in turn trials until the correct position of the calcaneus is achieved - inclined by  $2^\circ \pm 4^\circ$  from the neutral position. The size of the last trial indicates the size of the implant.

Remove the trial.  
Leave guide rod in place.



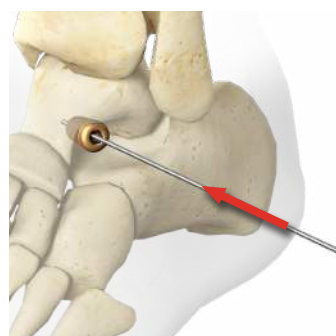
- 4 Mount chosen implant to the screwdriver S4 [40.6591] tip and via guide rod [40.6597.380] insert it into sinus tarsi.

Remove screwdriver and guide rod.

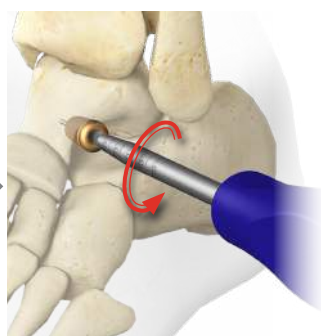


#### IV.3. IMPLANT REMOVAL

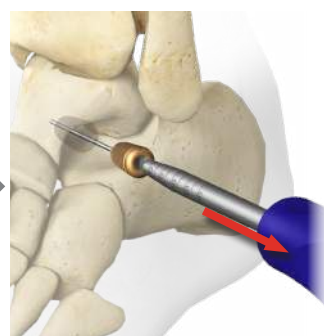
- 5 Insert guide rod [40.6597.380] into the sinus tarsi. Using the guide rod, insert screwdriver S4 [40.6591] tip in the socket of the subtalar screw. Remove the implant turning the screwdriver counterclockwise.



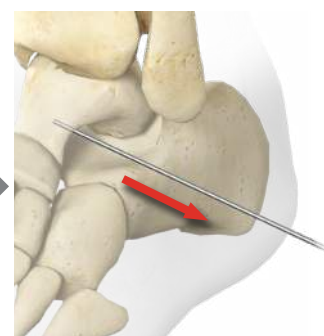
insert the rod



unscrew the implant



remove the implant



remove the rod



**ChM sp. z o.o.**

Lewickie 3b  
16-061 Juchnowiec Kościelny  
Poland  
tel. +48 85 86 86 100  
fax +48 85 86 86 101  
chm@chm.eu  
www.chm.eu



CE 0197