SURGICAL TECHNIQUE

TARFIX™ Canulated Subtalar Screw for correction of flatfoot valgus

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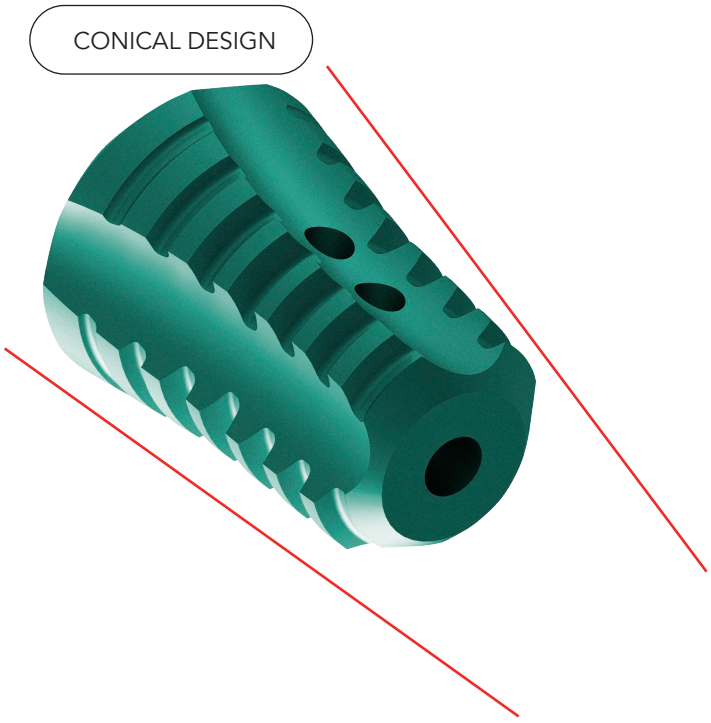
CONTENTS

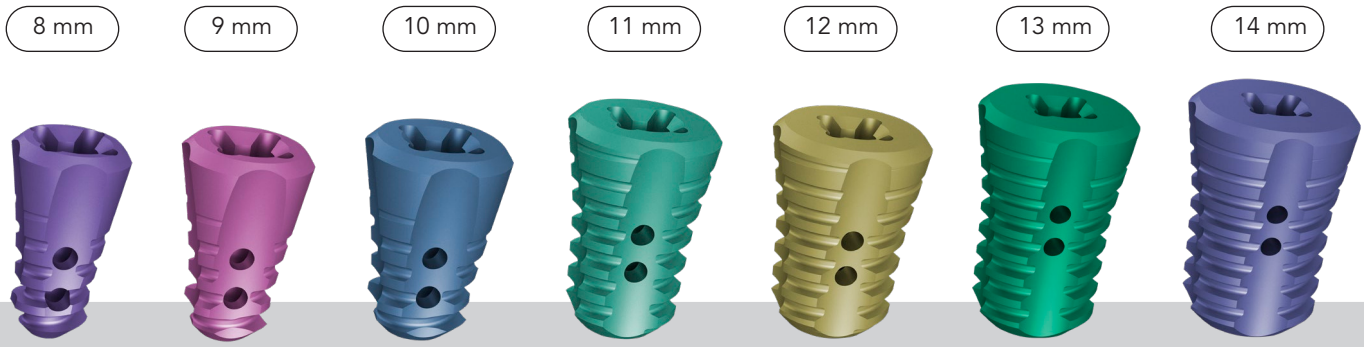
1. INTRODUCTION

This technique is proposed to describe the use of instruments and TRAUFIX implants, without the intention of interfering with the experience and decisions of the orthopedic surgeon, since the vast clinical and surgical experience supports him to determine which is the best proposal for each particular patient.

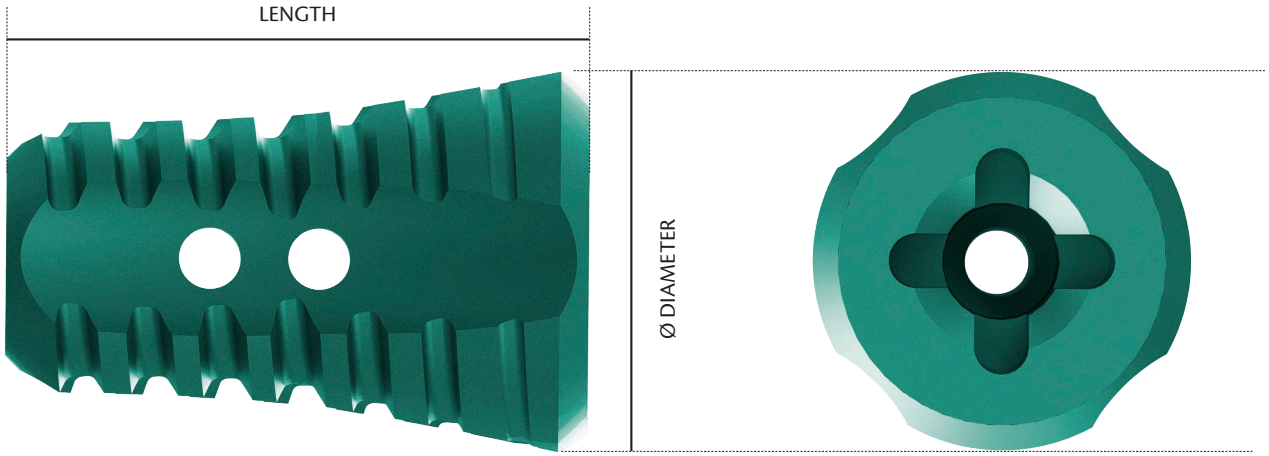
2. IMPLANT CHARACTERISTICS

► Designed to treat valgus flatfoot and stabilize the subtalar joint.
► Conical design with oval channels.
► Internal ropes in the body allow progressive compression for greater fixation between the calcaneus and talus.
► It has a variety of sizes from 8 mm to 14 mm.
► They are manufactured in titanium Ti6AL-4V ELI.





CODE	DESCRIPTION	DIAMETER	LENGTH
262.08	Screw device for correction of flatfoot valgus 08 mm Tarfix	08.00 mm	14.00 mm
262.09	Screw device for correction of flatfoot valgus 09 mm Tarfix	09.00 mm	
262.10	Screw device for correction of flatfoot valgus 10mm Tarfix	10.00 mm	
262.11	Screw device for correction of flatfoot valgus 11mm Tarfix	11.00 mm	16.00 mm
262.12	Screw device for correction of flatfoot valgus 12mm Tarfix	12.00 mm	
262.13	Screw device for correction of flatfoot valgus 13mm Tarfix	13.00 mm	19.00 mm
262.14	Screw device for correction of flatfoot valgus 14mm Tarfix	14.00 mm	



3. INDICATIONS AND CONTRAINDICATIONS

3.1 Surgical indications:

Device that allows blocking the displacement of the astragalus blocking excessive pronation. It is used in children and adolescents for the treatment of flexible valgus flatfoot, hypermobile and Achilles tendon contracture. The application of this implant should be done under fluoroscopic visualization or radiographic control to ensure proper positioning of the implant.

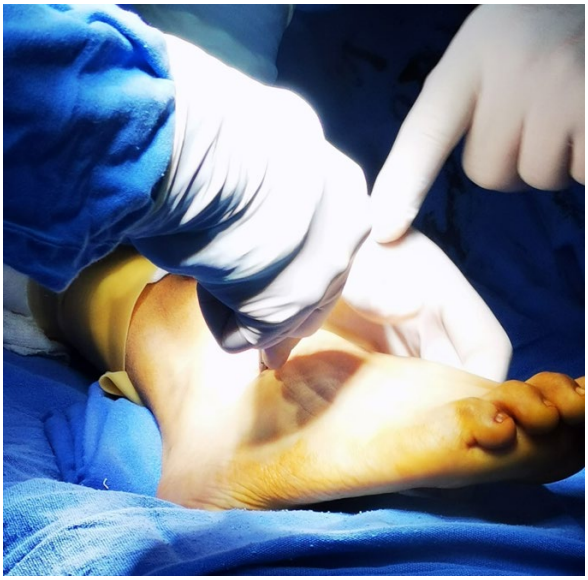
3.2 General contraindications:

- Systemic inflammatory response syndrome (to be evaluated by the surgeon).
- Septicemia.
- Osteomyelitis
- Patient unable to comply with postoperative care.
- Hypersensitivity to materials (stainless steel and titanium).
- Use guide wire that has a sharp point.

4. DESCRIPTION OF THE SURGICAL TECHNIQUE

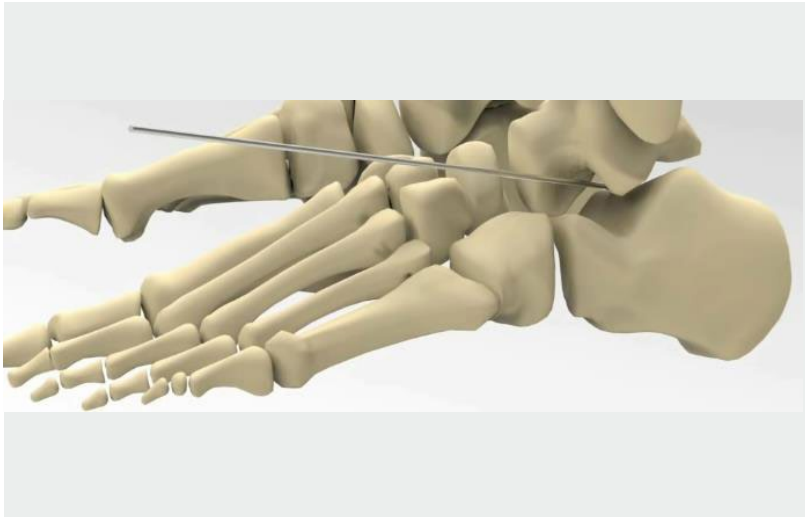
1. Incision

Make a 1 to 3 cm incision on the lateral aspect of the foot over the tarsal sinus.



2. Guide insertion

Insert the 2.0 mm guide into the tarsal sinus until a tent is visible on the medial aspect of the foot.



3. Insertion of testers

Insert the testers (319) in turn, starting with the smallest size, insert over the guide wire until the implant is 1 cm from the lateral wall of the calcaneus, increase the size of the tester if necessary.

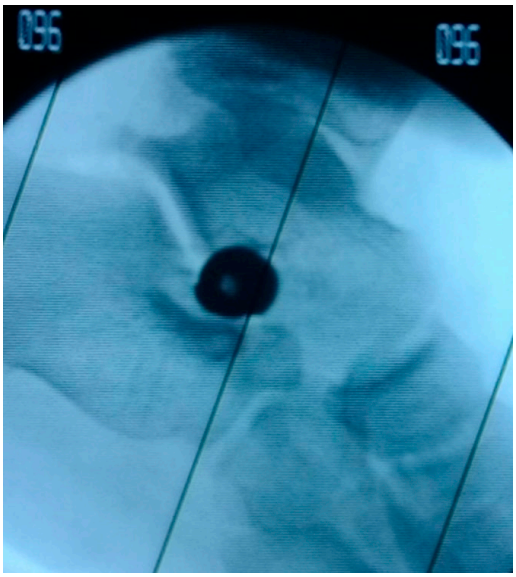
Remove the tester holding the guide in place.

- Tester 8mm (Purple)
- Tester 9mm (Pink)
- Tester 10mm (Blue)
- Tester 11mm (Green)
- Tester 12mm (Yellow)
- Tester 13mm (Gray)
- Tester 14mm (Blue Tornasol)

4. Final implant insertion

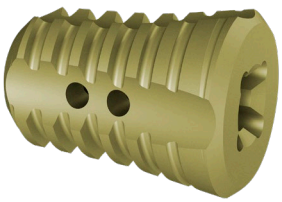
Place the chosen implant on the guide wire, then place the cross screwdriver (251.02) without releasing the implant, ensuring that the implant is assembled with the screwdriver, through the guide slide the implant towards the tarsal sinus and start threading clockwise. The posterior end of the implant should be 1 cm from the lateral wall of the calcaneus

Remove the cross screwdriver and then the guide.
The wound should be irrigated and closed based on the physician's experience.



5. IMPLANT REMOVAL

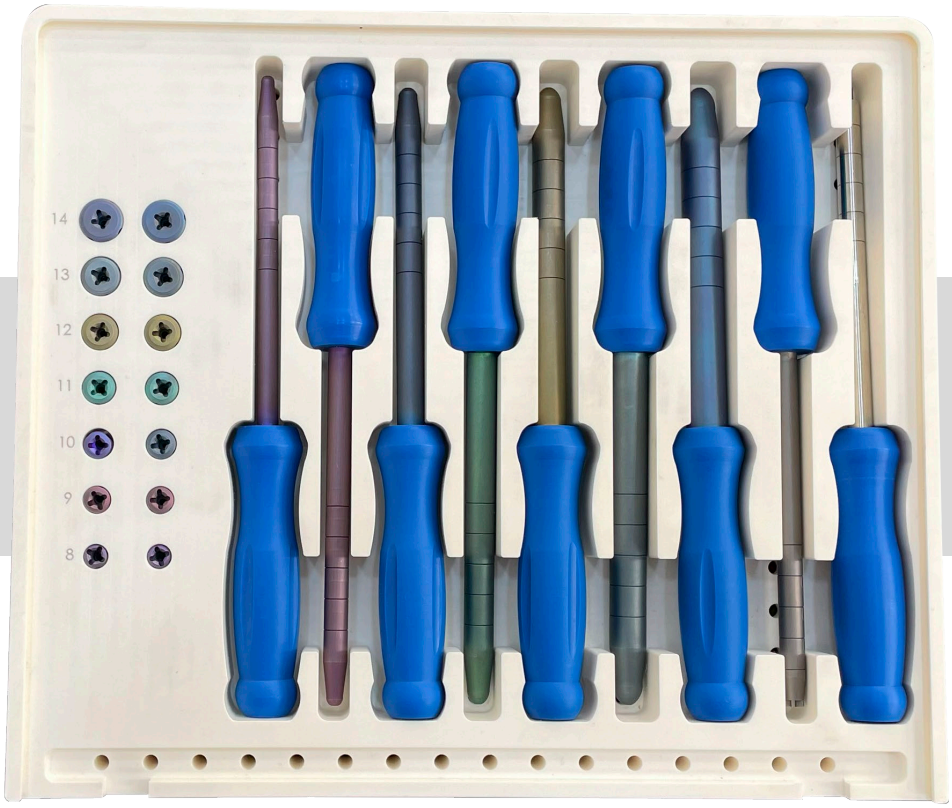
Insert the guide into the tarsal sinus. Using the guide, insert the reverse thread remover (251.01) and remove the implant by turning counterclockwise.



Note: The time to remove the implant will be determined and evaluated by the doctor who performed this surgery, but it is advisable to make a new medical evaluation after 1.6 years after surgery or even earlier if it causes discomfort, irritation or infection.

INSTRUMENTATION FOR SCREW DEVICE FOR VALGUS FLATFOOT CORRECTION

QTY.	EQUIPMENT	
1	(251.01)	Screwdriver for removal of screw device for correction of flatfoot valgus Tarfix.
1	(251.02)	Crosshead screwdriver for insertion of screw device for correction of flatfoot valgus Tarfix.
1	(318.2026)	Bone guide wire blunt tip diameter 2.0mm length 265mm.
1	(319.08)	Tester for screw device for correction of flat foot valgus 8 mm.
1	(319.09)	Tester for screw device for correction of flat foot valgus 9 mm.
1	(319.10)	Tester for screw device for correction of flat foot valgus 10 mm.
1	(319.11)	Tester for screw device for correction of flat foot valgus 11 mm.
1	(319.12)	Tester for screw device for correction of flat foot valgus 12 mm.
1	(319.13)	Tester for screw device for correction of flat foot valgus 13 mm.
1	(319.14)	Tester for screw device for correction of flat foot valgus 14 mm.



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