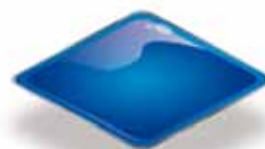


Pareos

Pure titanium staples and wires
For all foot surgery



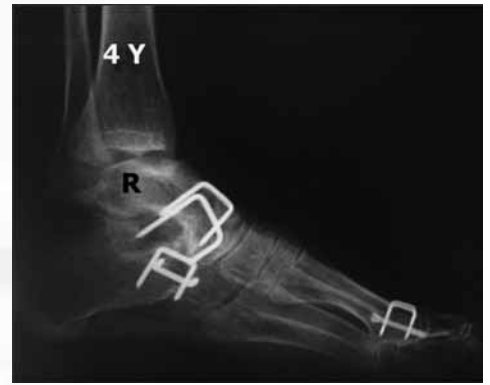
EOS

ORTHOPAEDIC IMPLANTS

Indications

Pareos staples and wires are used for fore, mid & hind foot surgery like :

- Osteotomy fixation,
- Tendon transfer fixation,
- Fracture fixation,
- 1st metatarsophalangeal joint arthrodesis,
- Lisfranc arthrodesis,
- Arthrodesis of Calcaecuboid, talocalcaneal, talonavicular, navicular-cuneiform, talo-tibial joints.



Characteristics :

2 size ranges : 1.5 mm and 2.5 mm diameters



Traceable lot number

1.5 mm staples with 5 widths
6, 8, 10, 12 and 14 mm.



Traceable lot number

2.5 mm staples with 4 widths
14, 18, 24 and 30 mm.



1.5 mm K-wire :
50 and 70 mm length



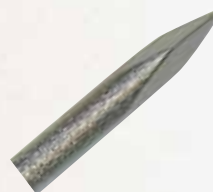
2.5 mm K-wire :
50 and 70 mm length

Description

- Large range of sizes : 1.5 mm staples with widths of 6, 8, 10, 12 and 14 mm - 2.5 mm staples with widths of 14, 18, 24 and 30 mm.
- Elastic and compressive, traceable and biocompatible.
- Drill guide for each size.
- The width between drill holes is 0.5 mm greater than the staple width. Thus immediate compression is achieved on insertion of the staple (1.5 mm x 6 staple are similar with to drill guide).
- Pointed trocar for easier penetration of hard bone.
- Pure titanium (ISO 5832-2).



Pareos



Operative Techniques

1st metatarsal-phalangeal joint fusion :

1 - Medial incision

Joint surfaces are prepared with the cup-shaped reamers. (If shortening is required an initial saw cut can be made prior to reaming).



2 - Metatarsal head preparation

The 1.5 mm K-wire is introduced into the centre of the metatarsal head. The concave reamer is placed over the K-wire and the head is reamed until maximum bone surface contact is obtained (in porotic bone, final reaming « in reverse » may help impact the cancellous bone).

3 - Proximal phalanx preparation

The 1.5 mm K-wire is introduced into the centre of the proximal phalangeal base. The convex reamer is placed over the k-wire and the base is reamed until maximum bone surface contact is obtained. (The subchondral bone is often hard. However reaming should proceed with caution to avoid excessive bone removal).

The base of the proximal phalanx may be further prepared using multiple drill/K-wire holes.



4 - The optimal position is temporarily stabilized with a 1.5 mm K-wire

The appropriate staple drill guide (eg 1.5 x 6 x 32/34 mm staple) is used and holes are drilled across the arthrodesis site.




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Operative Techniques

1st metatarsal-phalangeal joint fusion :


 5 - The staple is impacted using the staple holder



 6 - The drill guide is used to prepare for use of a second staple (eg 1.5x12x14/16).

 7 - If necessary further stabilization of the arthrodesis can be achieved using a third staple (eg 1.5x12x14/16).



 8 - Final result :



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Operative Techniques



Other use of Pareos staples

Lisfranc arthrodesis



Calcaneal osteotomy

Talo-navicular arthrodesis



with 2.5 mm Pareos wires.



PIP fusion with 1.5 mm Pareos wires.



Subtalar and transverse tarsal arthrodesis



Ankle arthrodesis



Supra malleolar osteotomy

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INSTRUMENTS

REFERENCE	DESCRIPTION
AD300.00	PAREOS container
AD300.V	PAREOS green lid
AD300.50	PAREOS tray
AP10.003	Holder impactor for PAREOS staple Ø 1.5 mm width 6 to 14 mm
AP10.004	Holder impactor for PAREOS staple Ø 2.5 mm width 14 to 18 mm
AP10.005	Holder impactor for PAREOS staple Ø 2.5 mm width 24 to 30 mm
AP10.006	Impactor
AP10.007	Drill guide for PAREOS staple Ø 1.5 mm width 6 mm
AP10.008	Drill guide for PAREOS staple Ø 1.5 mm width 8 mm
AP10.009	Drill guide for PAREOS staple Ø 1.5 mm width 10 mm
AP10.010	Drill guide for PAREOS staple Ø 1.5 mm width 12 mm
AP10.011	Drill guide for PAREOS staple Ø 1.5 mm width 14 mm
AP10.012	Drill guide for PAREOS staple Ø 2.5 mm width 14 mm
AP10.013	Drill guide for PAREOS staple Ø 2.5 mm width 18 mm
AP10.014	Drill guide for PAREOS staple Ø 2.5 mm width 24 mm
AP10.015	Drill guide for PAREOS staple Ø 2.5 mm width 30 mm
AP10 116	AO non cannulated drill Ø 2.5 mm
AP10.118	AO non cannulated drill Ø 1.5 mm
AP10.019	PAREOS pin Ø 1.5 mm
AP10.020	PAREOS pin Ø 2.5 mm
AP10.021	Trial staple – width 6 mm lgth 32/34 mm Ø 1.5 mm
AP10.022	Trial staple – width 8 mm lgth 14/16 mm Ø 1.5 mm
AP10.023	Trial staple – width 10 mm lgth 14/16 mm Ø 1.5 mm
AP10.024	Trial staple – width 10 mm lgth 16/18 mm Ø 1.5 mm
AP10.025	Trial staple – width 12 mm lgth 14/16 mm Ø 1.5 mm
AP10.026	Trial staple – width 14 mm lgth 16/18 mm Ø 1.5 mm
AP10.027	Trial staple – width 14 mm lgth 16/18 mm Ø 2.5 mm
AP10.028	Trial staple – width 18 mm lgth 18/20 mm Ø 2.5 mm
AP10.029	Trial staple – width 18 mm lgth 26/28 mm Ø 2.5 mm
AP10.030	Trial staple – width 24 mm lgth 18/20 mm Ø 2.5 mm
AP10.031	Trial staple – width 24 mm lgth 36/40 mm Ø 2.5 mm
AP10.032	Trial staple – width 30 mm lgth 18/20 mm Ø 2.5 mm
AP10.033	Trial staple – width 30 mm lgth 36/40 mm Ø 2.5 mm
JD000	Depth gauge



STAPLES

REFERENCE

DESCRIPTION

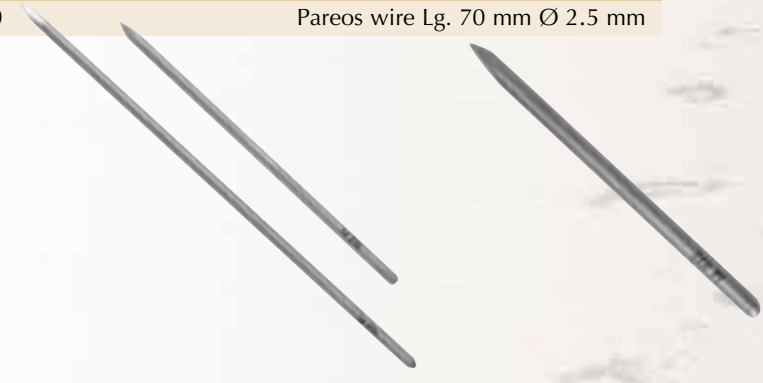
STP10.006.032	Pareos staple Ø 1.5 mm / width 06 - Length 32/34 mm
STP10.008.014	Pareos staple Ø 1.5 mm / width 08 - Length 14/16 mm
STP10.010.014	Pareos staple Ø 1.5 mm / width 10 - Length 14/16 mm
STP10.010.016	Pareos staple Ø 1.5 mm / width 10 - Length 16/18 mm
STP10.012.014	Pareos staple Ø 1.5 mm / width 12 - Length 14/16 mm
STP10.012.016	Pareos staple Ø 1.5 mm / width 12 - Length 16/18 mm
STP10.014.016	Pareos staple Ø 1.5 mm / width 14 - Length 16/18 mm
STP10.114.016	Pareos staple Ø 2.5 mm / width 14 - Length 16/18 mm
STP10.118.018	Pareos staple Ø 2.5 mm / width 18 - Length 18/20 mm
STP10.118.026	Pareos staple Ø 2.5 mm / width 18 - Length 26/28 mm
STP10.124.018	Pareos staple Ø 2.5 mm / width 24 - Length 18/20 mm
STP10.124.036	Pareos staple Ø 2.5 mm / width 24 - Length 36/40 mm
STP10.130.018	Pareos staple Ø 2.5 mm / width 30 - Length 18/20 mm
STP10.130.036	Pareos staple Ø 2.5 mm / width 30 - Length 36/40 mm


WIRES


REFERENCE

DESCRIPTION

STP10.315.050	Pareos wire Lg. 50 mm Ø 1.5 mm
STP10.325.050	Pareos wire Lg. 50 mm Ø 2.5 mm
STP10.315.070	Pareos wire Lg. 70 mm Ø 1.5 mm
STP10.325.070	Pareos wire Lg. 70 mm Ø 2.5 mm



• See instructions for use 

• Single use 

• No sterile **NO STERILE**



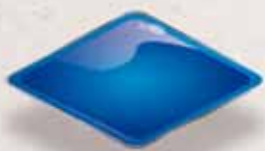
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The products are manufactured and referenced within the frame of the standards in force. Implantation procedures are described in the surgical technique.

Non contractual document. The manufacturer reserves the right, without prior notice, to modify the products in order to improve their quality.

WARNING : Federal law (USA) restricts this device to sale by or on the order of a physician.

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A BIOTECH INTERNATIONAL GROUP COMPANY



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