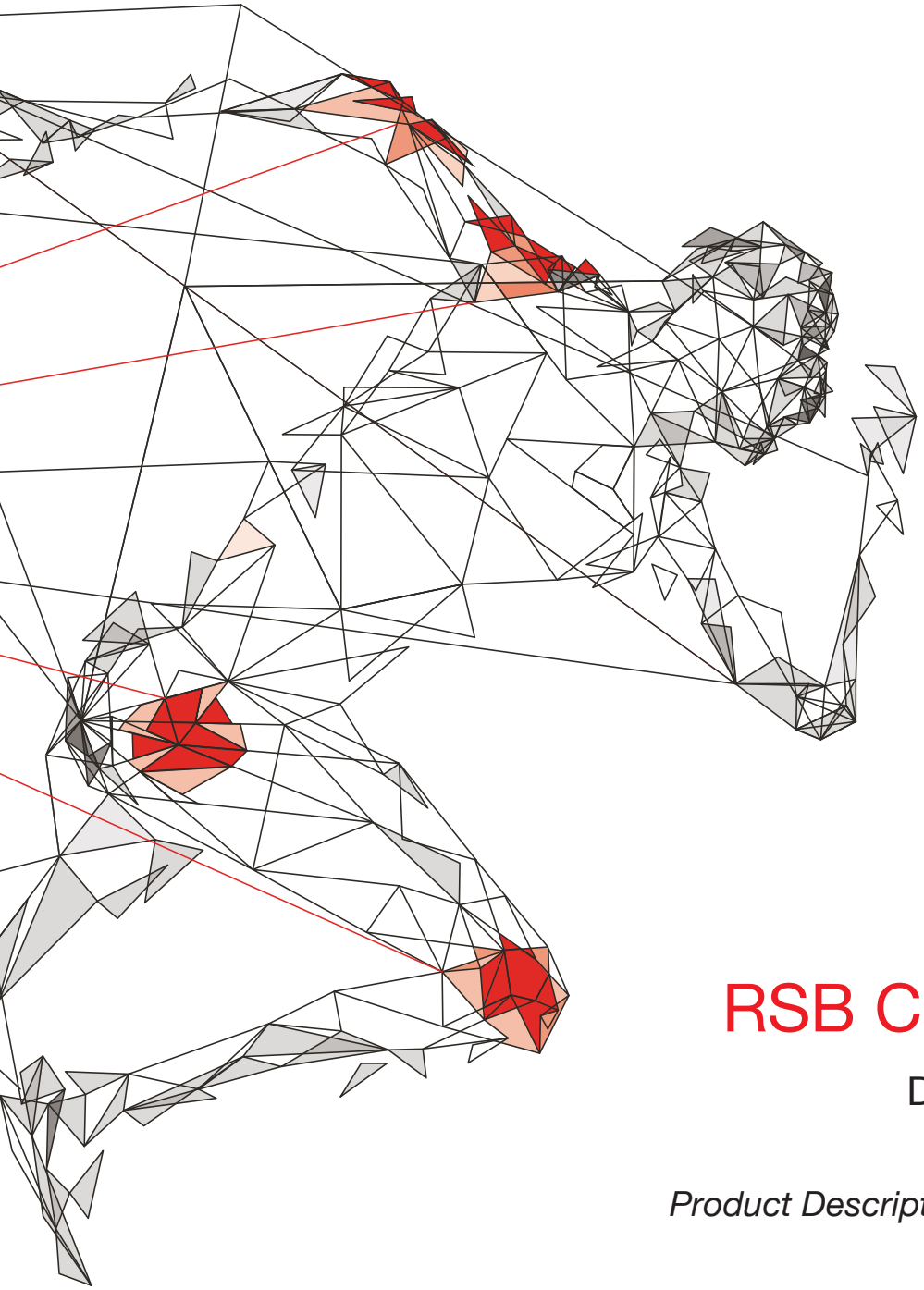
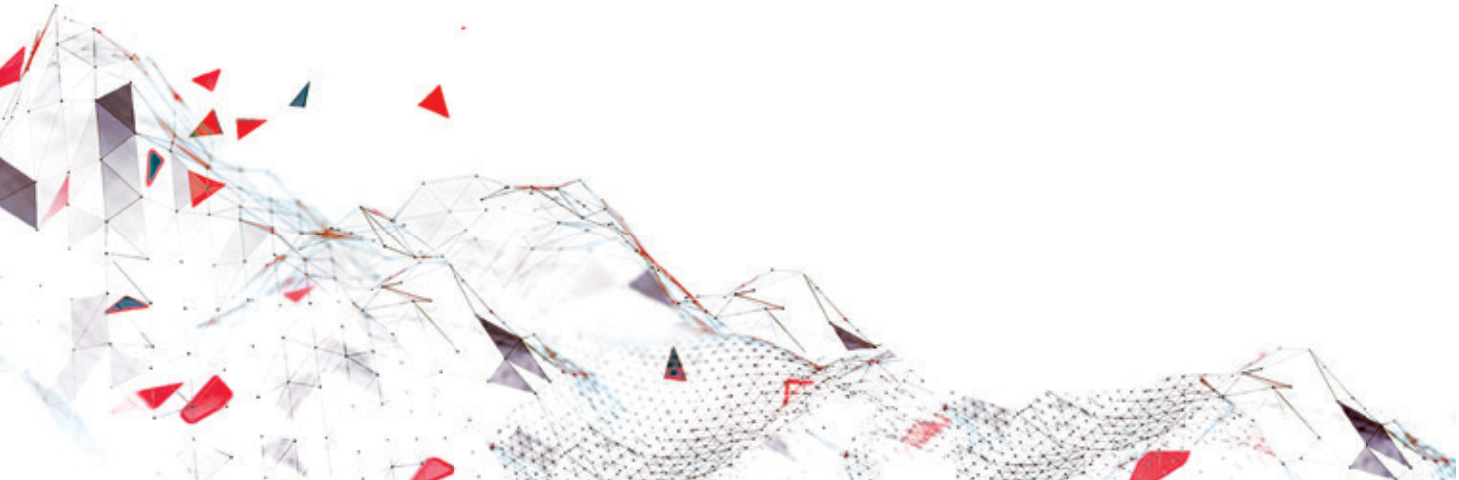
Lima Corporate
Orthopaedic motion



RSB Calcaneo Stop

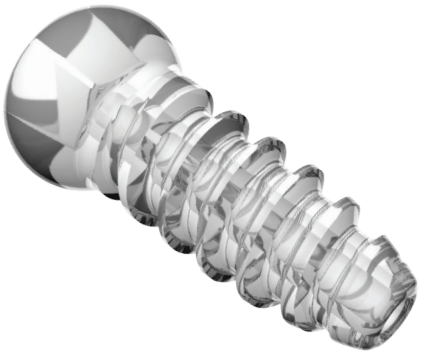
Descrizione Prodotto & Tecnica Chirurgica

Product Description & Surgical Technique



keep together

RSB Calcaneo stop



Product description
& surgical technique

Descrizione prodotto
e tecnica chirurgica

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Indications

FLAT FOOT CORRECTION

The indication for use for the calcaneo-stop biodegradable screw is calcaneo-stop surgery for treatment of flat (pronated) foot pathology after 9 years of age.

More precisely:

- the Ø 7 mm solid calcaneo-stop biodegradable screw is indicated for the correction of pediatric flat foot, in cases where the load stresses and the anatomical conditions lead to favor a smaller implant. Approximately it is indicated for body weight under 30 kg;

- the Ø 9 mm cannulated calcaneo-stop biodegradable screw is indicated for the correction of pediatric flat foot in all cases.

Indicazioni

CORREZIONE PIEDE PIATTO

L' indicazione d' uso per la vite biodegradabile calcaneo stop è l'intervento chirurgico per il trattamento della patologia del piede piatto (pronato) dopo i 9 anni di età.

Più precisamente:

- la vite biodegradabile per calcaneo stop piena Ø 7 mm è indicata per la correzione del piede piatto in età pediatrica, nei casi in cui gli stress di carico e le condizioni anatomiche portino a prediligere un impianto più ridotto. Indicativamente è adatta per un peso inferiore ai 30 kg;

- la vite biodegradabile per calcaneo stop cannulata Ø 9 mm è indicata per la correzione del piede piatto in età pediatrica in tutti i casi.

Materials

PLLA in conformity with ASTM F1925.

Materiali

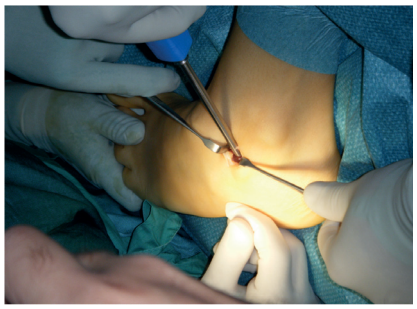
PLLA a norma ASTM F1925.

Clinical cases

Casi clinici

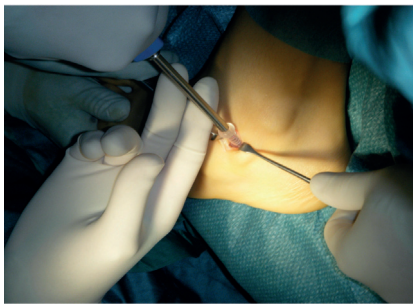
1. Preoperative view

1. Immagine preoperatoria



2. Screw hole preparation, tapping

2. Preparazione foro della vite, maschiatura



3. Screw insertion

3. Inserimento della vite

4. Postoperative view.

Correction effect is evident by looking at the senotarsal region enlargement.

4. Immagine postoperatoria.

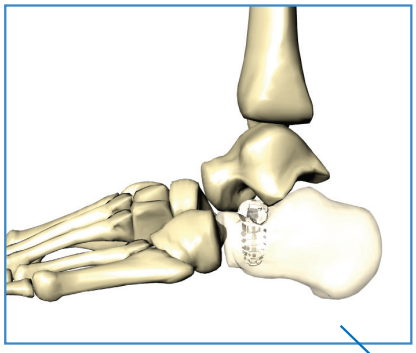
Si noti l'effetto correttivo individuabile dall'ampliamento dello spazio endo-senotarsale.

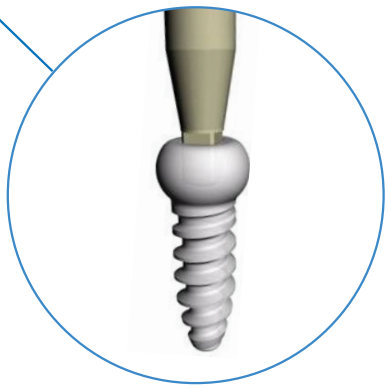
Technical features

- Resorbable material, it avoids the implant removal surgery.
- Square coupling with the screwdriver for better torque trasmission.
- Radiolucent.
- Biocompatible.

Caratteristiche tecniche

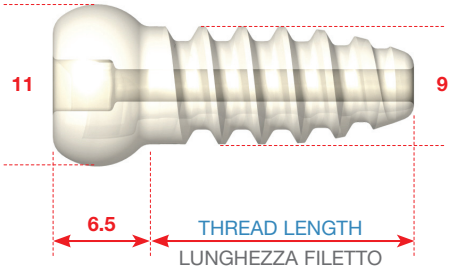
- Materiale riassorbibile, evita l'intervento di rimozione dell'impianto.
- Cava quadrata di accoppiamento con il cacciavite per una migliore trasmissione della coppia di torsione.
- Radiotrasparente.
- Biocompatibile.





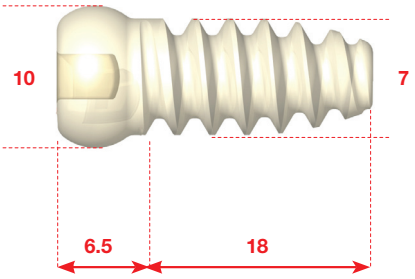
Product codes

Codici prodotto



Cannulated screw Vite cannulata		
PLLA		
Thread length Lungh. filetto mm	Ø mm	
18	9	RSB 718
23	9	RSB 723

Sterile single packaging.
Confezione singola sterile.

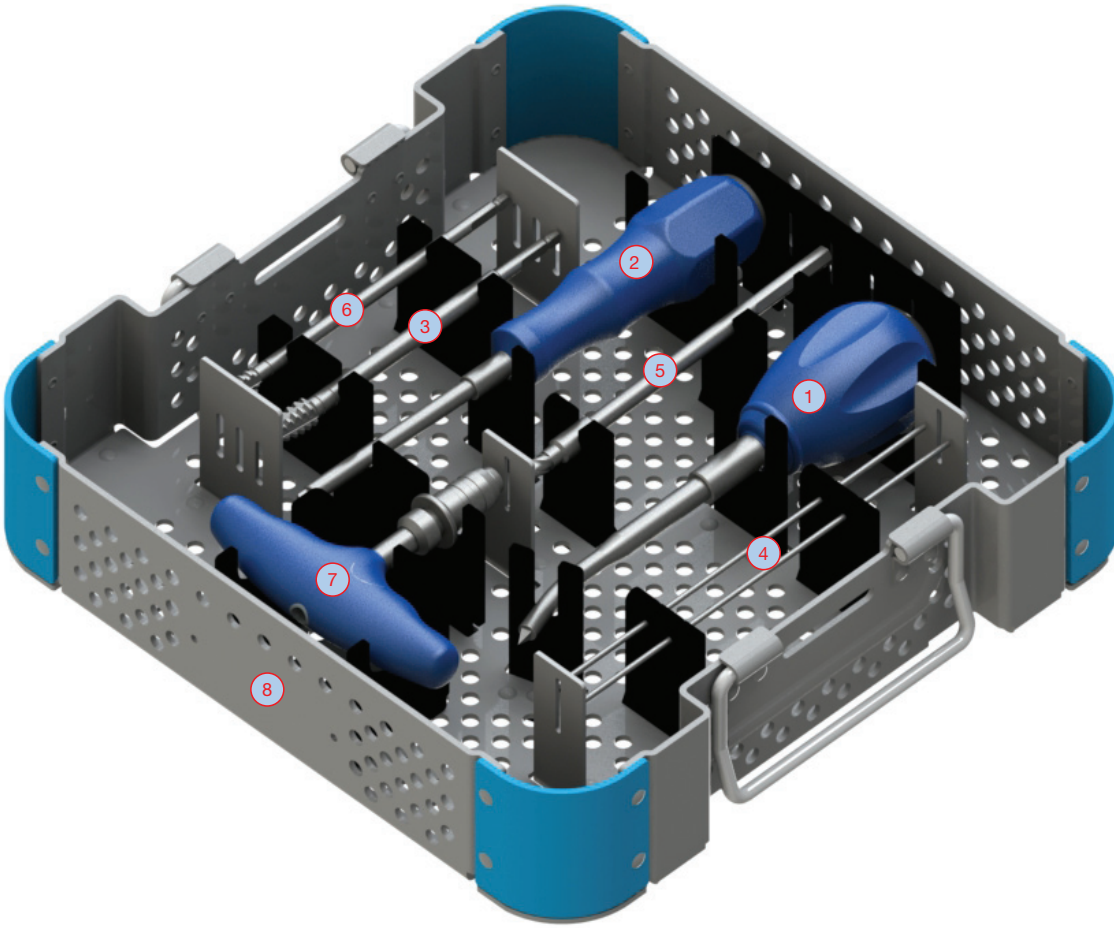


Solid screw Vite piena		
PLLA		
Thread length Lungh. filetto mm	Ø mm	
18	7	RSB 618

Sterile single packaging.
Confezione singola sterile.

Instrument set

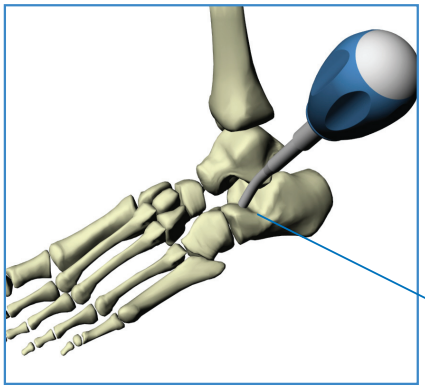
Strumentario



Instrument set RSB 600 Strumentario RSB 600			
Ref.	**Description**	**Descrizione**	
1	Awl	Perforatore	**RSB 060550**
2	Cannulated screwdriver	Cacciavite cannulato	**RSB 030330**
3	Ø 9 mm cannulated tap - AO coupling	Maschiatore cannulato Ø 9 mm - attacco AO	**RSB 040090**
4	Ø 2 mm guide wire (2 pcs)	Filo guida Ø 2 mm (2 pz.)	**RSB 606**
5	Ø 6 mm cannulated drill bit	Punta cannulata Ø 6 mm	**RSB 605**
6	Ø 7 mm tap - AO coupling	Maschiatore Ø 7 mm - attacco AO	**RSB 040070**
7	Cannulated “T” handle - quick AO coupling	Impugnatura a “T” cannulata - attacco rapido AO	**STR 150010**
8	Instrument tray	Box strumentario	**RSB 090000**

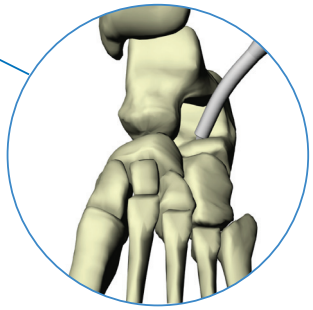
Surgical technique

Tecnica chirurgica



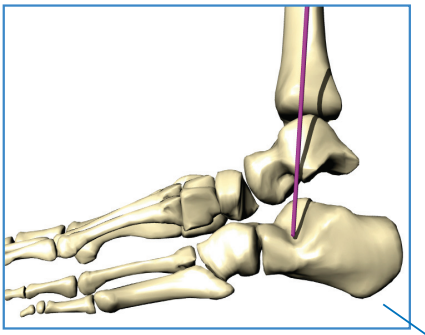
Ø 9 mm CANNULATED SCREW

Position the forefoot in order to expose the seno-tarsal area. Prepare the insertion point of the screw with the specific awl RSB 060550.

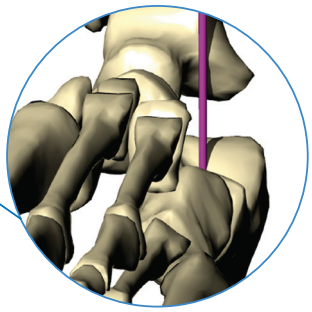


VITE CANNULATA Ø 9 mm

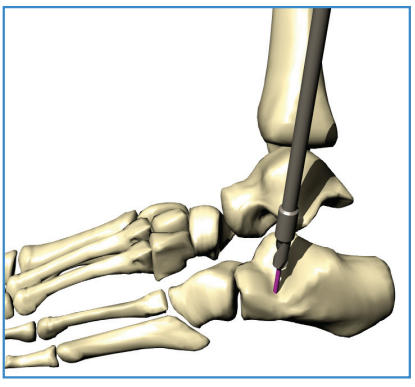
Posizionare l'avampiede in atteggiamento di esposizione dello spazio seno tarsale. Preparare il punto di inserimento della vite con l'apposito perforatore RSB 060550.



Set the guide wire RSB 606 in oblique direction, antero-medial, at about 30°, neutral to the calcaneous.



Inserire il filo guida RSB 606 in direzione obliqua, antero-mediale, a circa 30°, neutrale rispetto al calcagno.

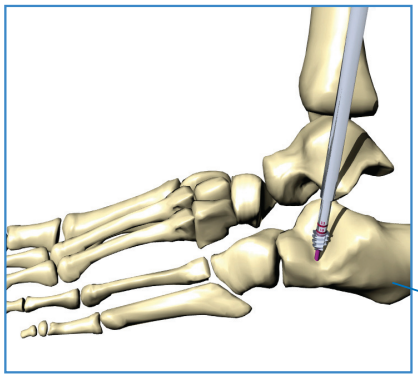


Drill through the cannulated drill bit RSB 605 up to the end point.

Perforare con la punta cannulata RSB 605 fino a fondo corsa.

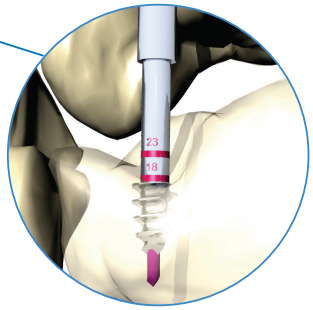
Surgical technique

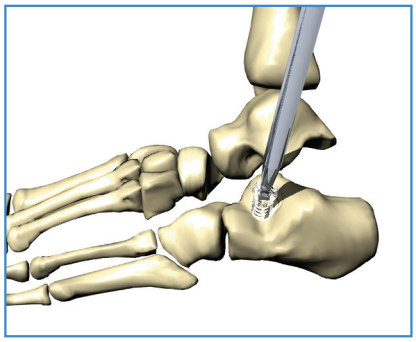
Tecnica chirurgica



Assemble the specific tap RSB 040090 to the handle STR 150010 and tap up to the laser marking corresponding to the screw size to be implanted. It is recommended the use of the instrument for 2 consecutive times in order to remove possible bone debris.

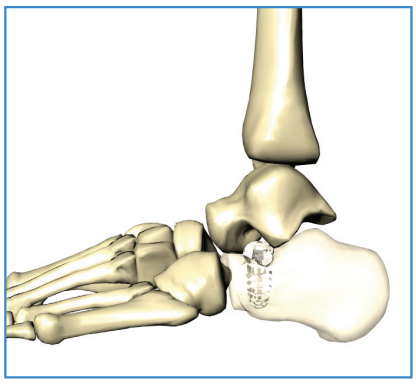
Assemblare l'apposito maschiatore RSB 040090 all'impugnatura STR 150010 e maschiare fino alla marcatura laser corrispondente alla taglia della vite da impiantare. Si raccomanda l'utilizzo dello strumento per 2 volte consecutive per rimuovere eventuali frustoli ossei.





Insert the screw with the specific screwdriver RSB 030330 making sure that the head screw is in contact with the calcanear bone.

Inserire la vite con l'apposito cacciavite RSB 030330 curando il contatto della testa sull'osso calcaneare.

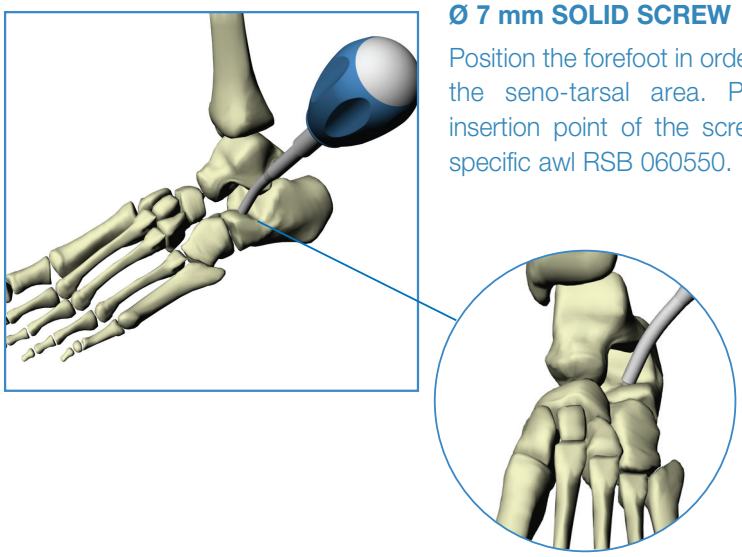


Check the interpositioning of the head screw in the seno-tarsal area.

Verificare l'interposizione della vite in ampliamento dello spazio seno-tarsale.

Surgical technique

Tecnica chirurgica

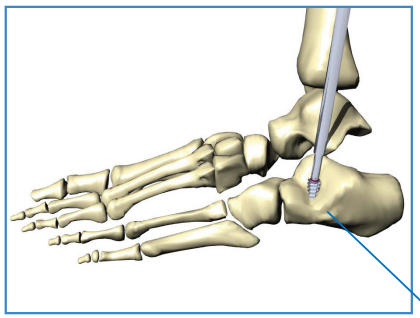


Ø 7 mm SOLID SCREW

Position the forefoot in order to expose the seno-tarsal area. Prepare the insertion point of the screw with the specific awl RSB 060550.

VITE PIENA Ø 7 mm

Posizionare l'avampiede in atteggiamento di esposizione dello spazio seno tarsale. Preparare il punto di inserimento della vite con l'apposito perforatore RSB 060550.

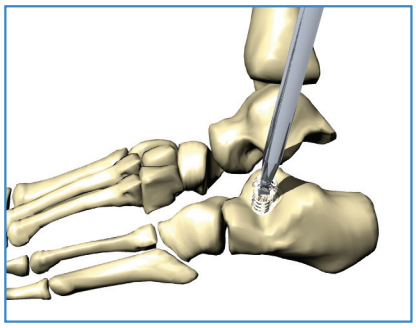


Assemble the specific tap RSB 040070 to the handle STR 150010 and tap up to the laser marking corresponding to the screw size to be implanted. It is recommended the use of the instrument for 2 consecutive times in order to remove possible bone debris.

Assemblare l'apposito maschiatore RSB 040070 all'impugnatura STR 150010 e maschiare fino alla marcatura laser corrispondente alla taglia della vite da impiantare. Si raccomanda l'utilizzo dello strumento per 2 volte consecutive per rimuovere eventuali frustoli ossei.

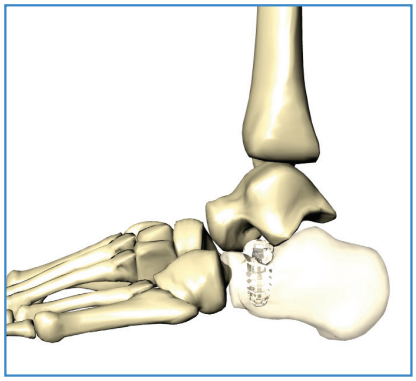
Surgical technique

Tecnica chirurgica



Insert the screw with the specific screwdriver RSB 030330 making sure that the head screw is in contact with the calcanear bone.

Inserire la vite con l'apposito cacciavite RSB 030330 curando il contatto della testa sull'osso calcaneare.



Check the interpositioning of the head screw in the seno-tarsal area.

Verificare l'interposizione della vite in ampliamento dello spazio seno-tarsale.

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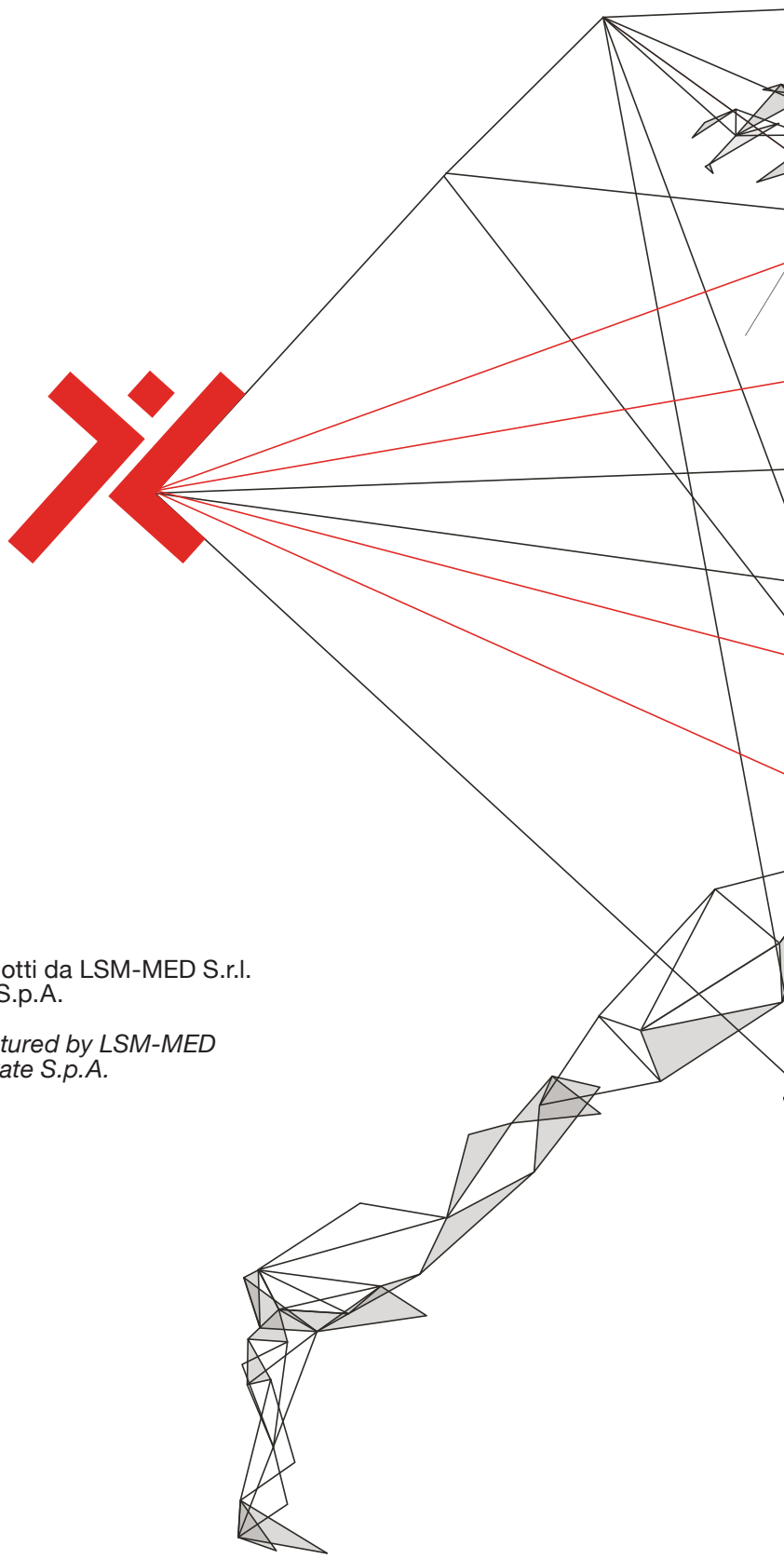

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