SURGICAL TECHNIQUE

MiniTi™
MicroTi™

- *Overview & Application*

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ORTHO-DESIGN
ORTHOPAEDIC INNOVATION

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ORTHOPAEDIC INNOVATION

At Ortho-design™ we strive to create innovative medical devices and implants that allow medical professionals to provide optimum patient care. Ortho-design™ aims at bridging the gap between innovation, ease of use and affordability in the rapidly evolving medical field. Our team of specialised engineers work alongside surgeons to create modern and effective health care products for all types of patients.

Our **mission** is aligned with South Africa's need for quality, locally manufactured products that perform at the highest standards. Using interdisciplinary skills, from medical professionals to certified manufacturers, we provide our customers with the ultimate solution.

Ortho-design™ is focused on using inter-disciplinary knowledge to create the most innovative, efficient and feasible medical solutions.

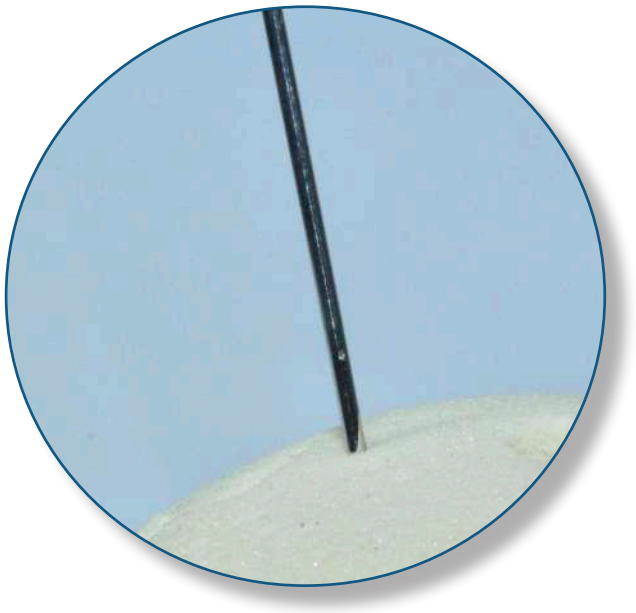
All our products are designed in conjunction with surgeons specialised in the particular field. Our R&D department provides several consulting partnerships with medical professionals to create innovatively engineered, yet user friendly biomedical devices.

Ortho-Design™
MiniTi™ & MicroTi™ Surgical Technique

The MiniTi™ (2mm x 6mm) and MicroTi™ (2mm x 4mm) Titanium Suture Anchors are small screw-in suture anchors used in a variety of small-joint applications. Despite the small diameter, the specially engineered thread combines with cortical bone to provide tremendous pull-out strength.

1 PILOT HOLE

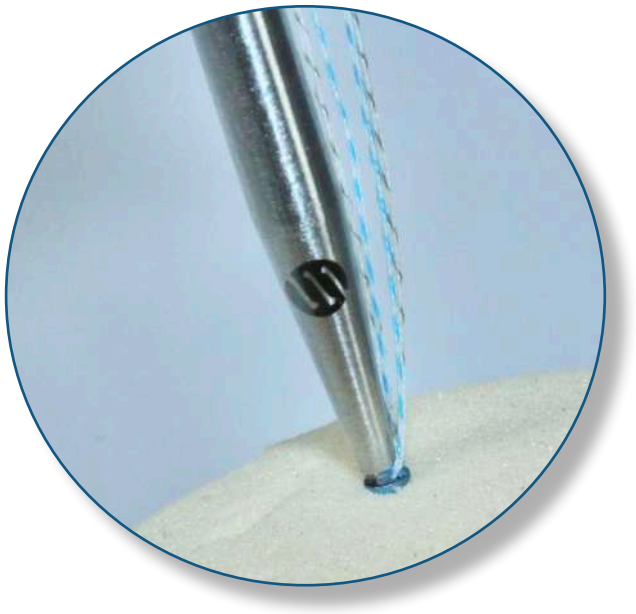
Create a pilot hole of 1.6mm using the K-wire provided until the laser mark sits flush with the bone periphery.



2 ANCHOR INSERTION

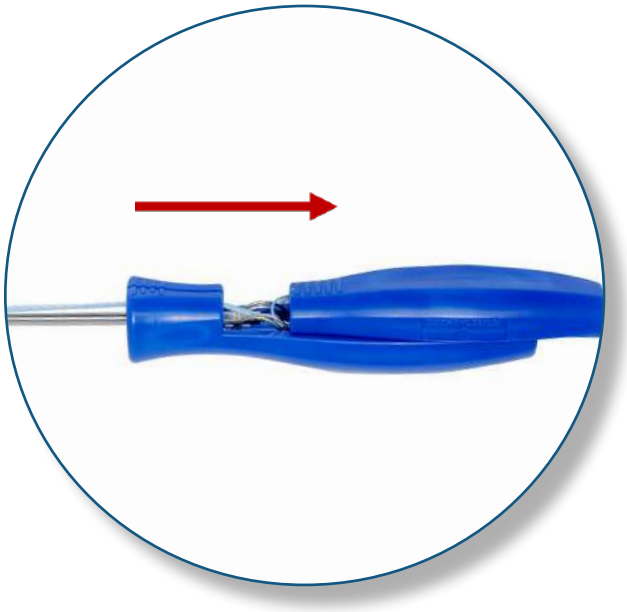
Screw the anchor into the pilot hole until the anchor sits flush with the bone periphery.

It is recommended to align the anchor with the pilot hole.



3 SUTURES AND NEEDLES

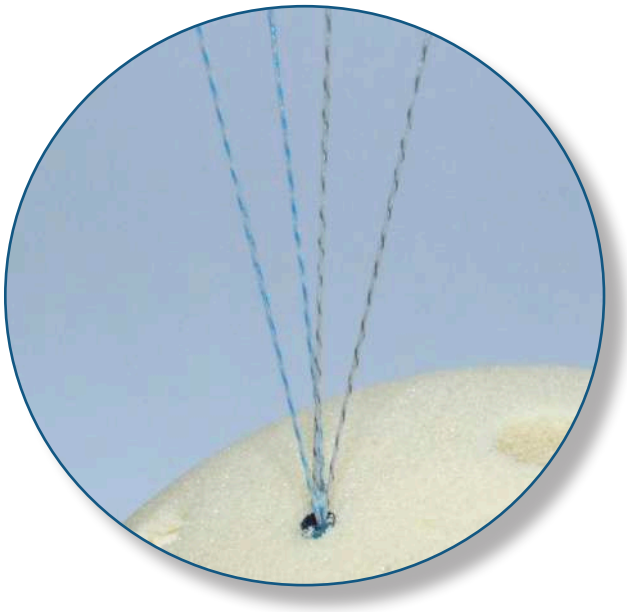
Step 1:
Slide open the top section of the introducer handle using your thumb.



Step 2:
Release the sutures and attached needles (a hemostat can be used).

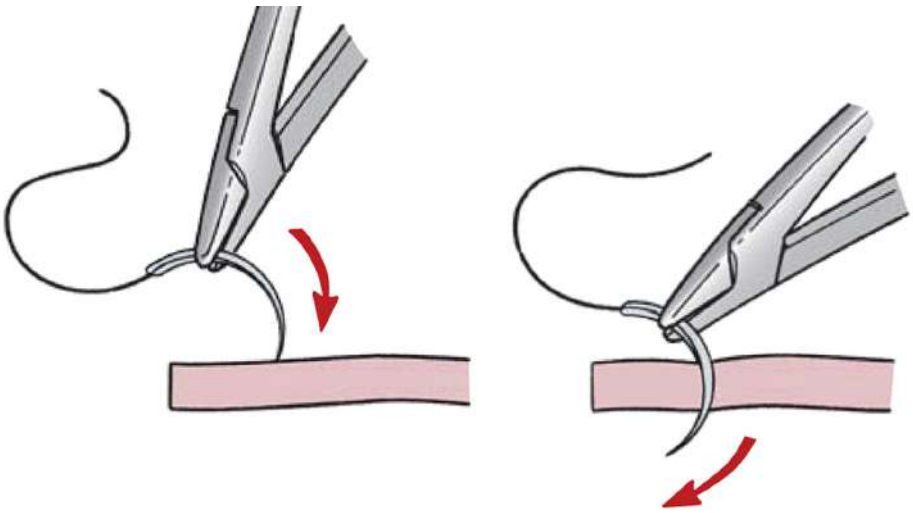
4 INSERTER REMOVAL

Disengage and remove the inserter from the anchor body by gently pulling the handle in an upwards direction.



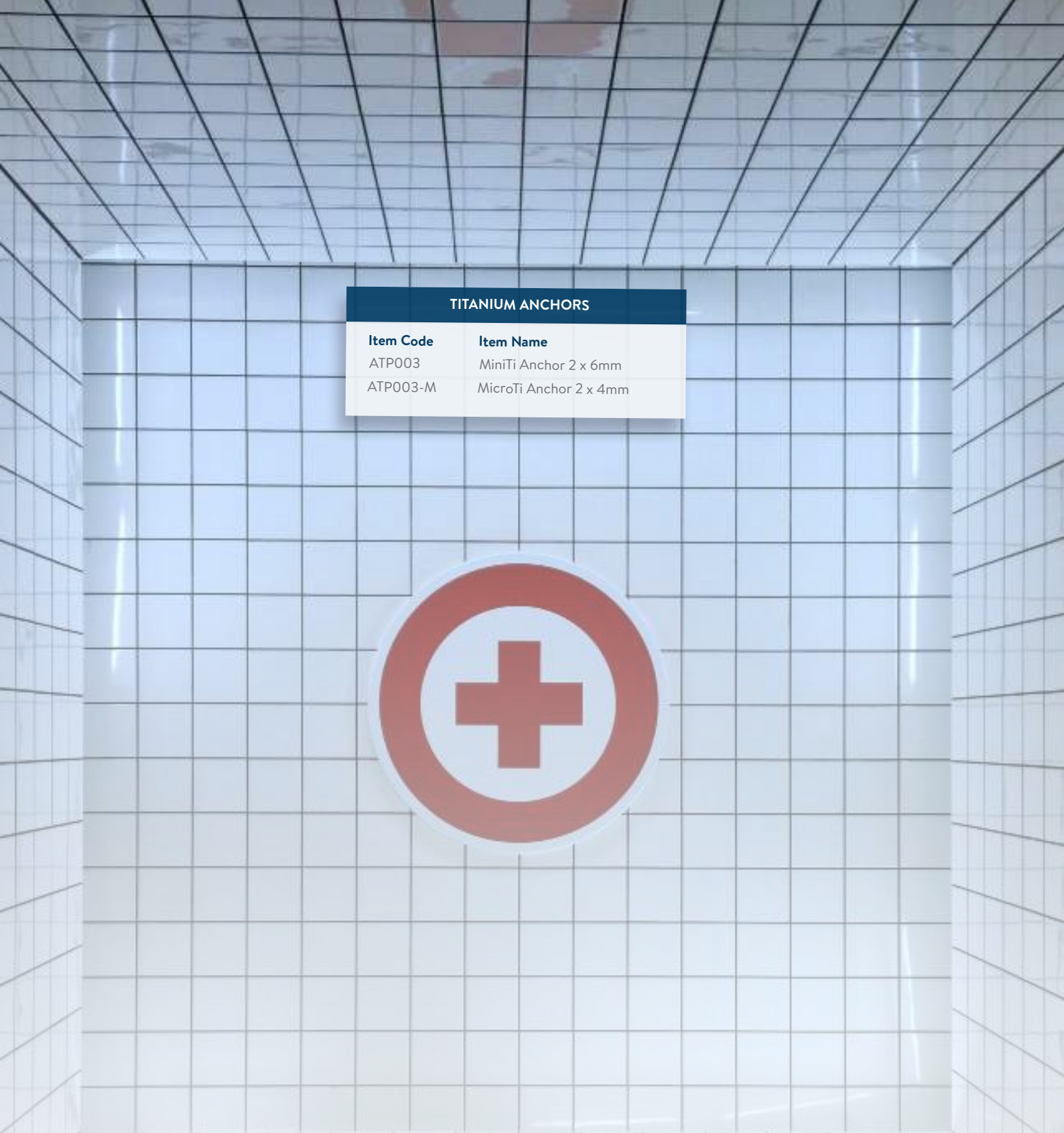
5 SUTURE PASSING

Pass the needles, attached to the sutures, through the desired soft tissue.



6 SOFT TISSUE ATTACHMENT

Using the preferred knotting technique, secure the soft tissue onto the bone by making a minimum of four surgical knots.



TITANIUM ANCHORS

Item Code	Item Name
ATP003	MiniTi Anchor 2 x 6mm
ATP003-M	MicroTi Anchor 2 x 4mm

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