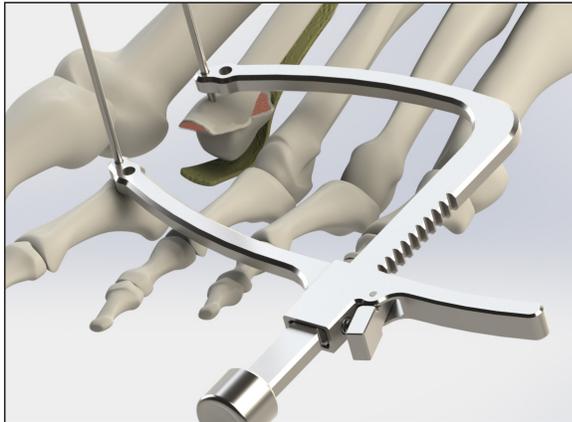


STRoPP™
Single Tunnel Repair
of Plantar Plate

STRoPP™ Single Tunnel Repair of Plantar Plate

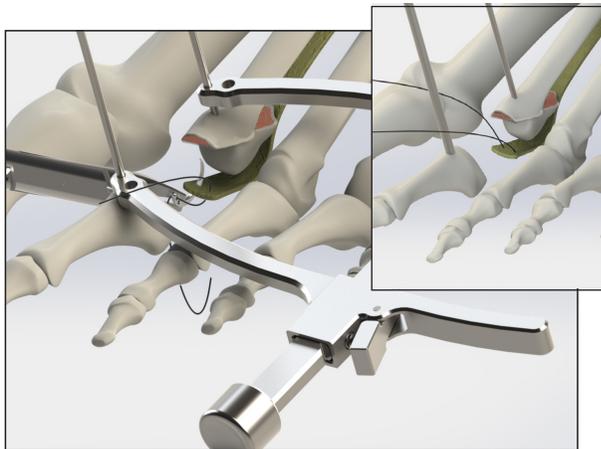
surgical technique



Step One

After surgical dissection, perform a Weil osteotomy, translate the metatarsal head proximally, and temporarily fixate it with a 1.6mm k-wire (included in kit). Resect 3mm off the dorsal shelf to better visualize the plantar plate. Place another 1.6mm k-wire (or 2.4mm pin included in kit) in the base of the proximal phalanx and distract the joint using the STRoPP Distractor.

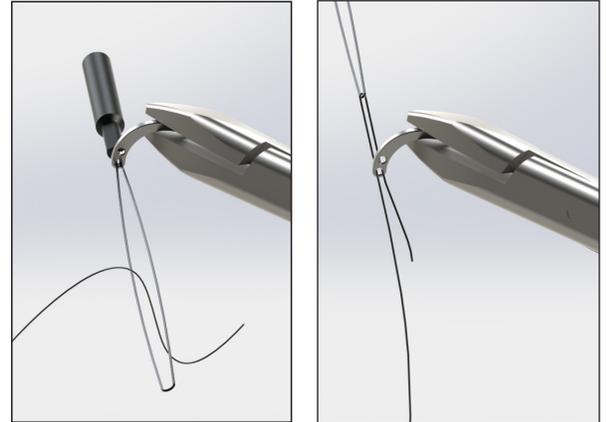
Release the plantar plate completely from the base of the proximal phalanx using a #64 blade, and reflect it off the underlying flexor tendon. This allows the plantar plate to be fully mobilized and grasped with a pick-up. When using Kit 1601-0002 without a distractor, once the Weil osteotomy is temporarily fixated, use an Allis Clamp or a Locke Phalangeal Clamp to Distract and plantar flex the base of the proximal phalanx. Once distracted, take a small blade and fully release the plantar plate from the base of the proximal phalanx.



Step Three

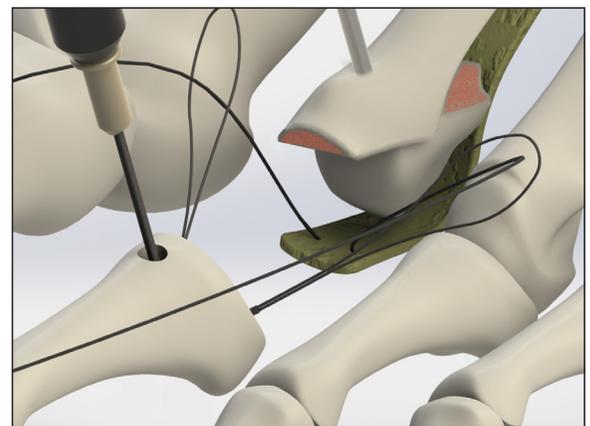
Stabilizing the plantar plate with a pick-up, create a horizontal mattress stitch through the plantar plate with the STRoPP Needle and needle driver.

If used, remove the STRoPP Distractor and k-wire from the proximal phalanx. Create the bone tunnel in the base of the proximal phalanx with the 2.4mm pin.



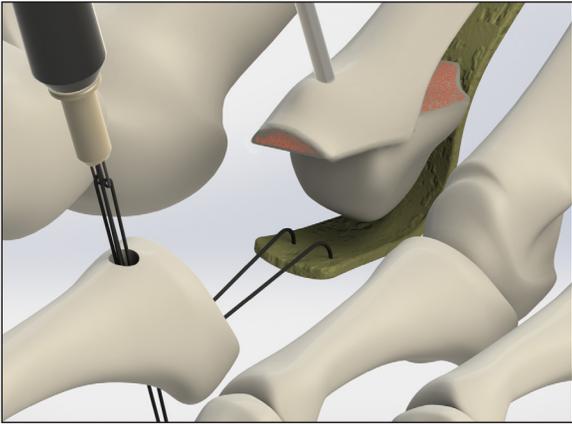
Step Two

The surgeon's choice of non-absorbable size 0 suture is loaded onto the STRoPP Needle. The needle is supplied with a threader for convenience. The STRoPP Needle has two eyelets which allows the surgeon to utilize a continuous stitch or a cinch stitch.



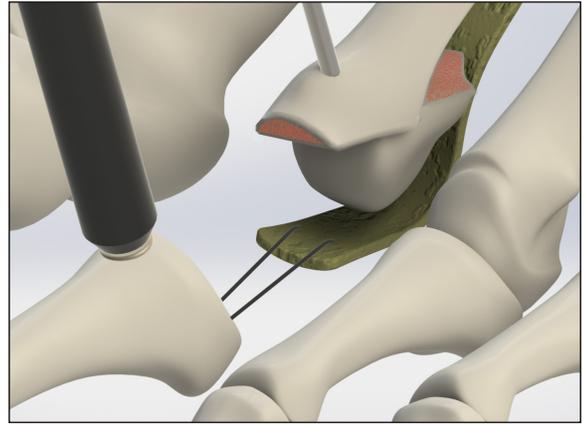
Step Four

Roughen the plantar aspect of the base of the proximal phalanx with a bone rasp. Insert the STRoPP Dual Suture Passer through the bone tunnel. Pass one suture thread through each loop of the STRoPP Dual Suture Passer.



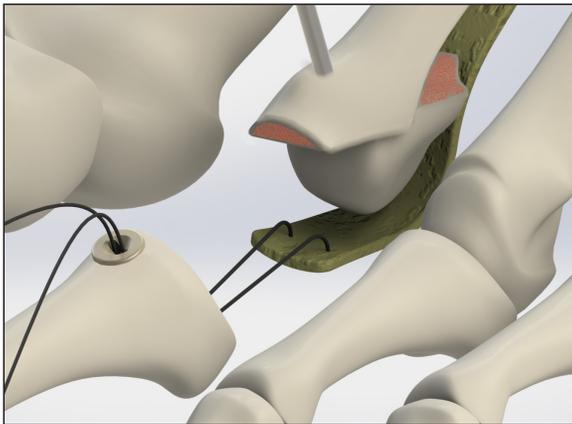
Step Five

Pull the STRoPP Dual Suture Passer through the bone tunnel. Continue pulling it up through the STRoPP Tunnel Button.



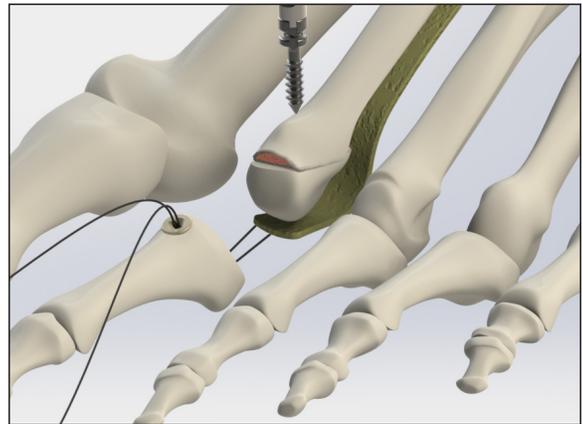
Step Six

Advance the STRoPP Tunnel Button down the sutures and insert into the bone tunnel using the attached handle.



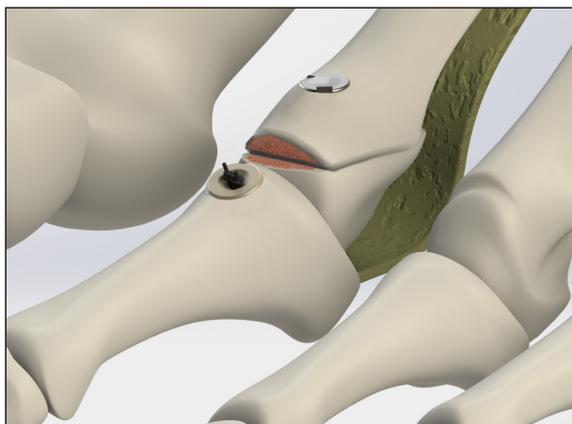
Step Seven

Once the STRoPP Tunnel Button is flush to the bone surface and threaded with the two suture strands, remove the k-wire from the second metatarsal head.



Step Eight

Reposition the capital fragment as needed and fixate the Weil osteotomy with a 2.0mm Snap-Screw.



Step Nine

Pull the sutures tight and remove all slack to tension the plantar plate as needed. Tie off the sutures over the STRoPP Tunnel Button.

Each kit contains the following items



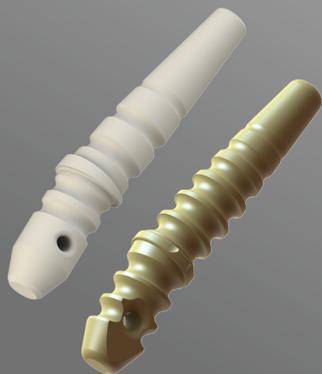
** Certain Kit Configurations do not include these items

ordering information

STRoPP Implant Kit with Recoverable Instruments contains the instrumentation needed plus the pre-loaded Tunnel Button for achieving a single tunnel repair of the plantar plate. The only additional items needed are the surgeon's choice of non-resorbable suture and a Snap-Screw™ for completing the Weil osteotomy.



1601-0000	STRoPP Kit #1 Implant and Instrument Kit for Repair of the Plantar Plate - Sterile Packaged
1601-0001	STRoPP Kit #1 Implant and Instrument Kit for Repair of the Plantar Plate with Innomed Distractor - Sterile Packaged
1601-0002	STRoPP Kit #1 Implant and Instrument Kit for Repair of the Plantar Plate, No Distractor - Sterile Packaged
1427-2011	Snap-Screw, 11mm x 2.0mm dia. Sterile Packaged
1427-2012	Snap-Screw, 12mm x 2.0mm dia. Sterile Packaged
1427-2013	Snap-Screw, 13mm x 2.0mm dia. Sterile Packaged
1427-2014	Snap-Screw, 14mm x 2.0mm dia. Sterile Packaged
1456-0026	Snap-Screw Driver - Sterile Packaged



Also Available

The CrossTIE® System is available in either PEEK material or as a machined cortical allograft. Both styles feature a unique distal cross hole which allows the surgeon the option to "tie in" the implant thus aiding in reduction and compression of the joint surfaces.

Especially useful in revision cases, the CrossTIE® implant "tie in" feature minimizes pistoning of the implant due to enlargement of the intramedullary canal.



EcoSMART[™]

Instrument Recovery Program*

Provide Value

Sterile kit packaging provides high quality, surgical grade instruments and implants making your O.R. more efficient. No hassles or expense from cleaning, storing, sterilizing, and maintaining typical reusable instrument trays. Back-to-back cases become easier. Instruments are in top condition with no missing parts.

Reduce Waste

Instead of using disposable plastic instruments once and discarding them in the trash, CrossRoads instruments are recovered through our EcoSMART program thereby helping your hospital cut medical waste. And surgeons appreciate the smooth action and solid “feel” of the surgical grade stainless steel and aluminum instruments provided in our sterile kits.

Save Money

We purchase your used CrossRoads instruments after surgery and this drives down your operating cost. As bundled payments become a reality, the EcoSMART Instrument Recovery Program helps your facility save money.

**Savings of
7% - 15%
are common with EcoSMART**

**Patent Pending*

Nota Bene: These technique guidelines are for informational purposes only. Proper surgical procedures are the responsibility of the surgeon, who must evaluate the appropriateness of the procedures described based upon his/her own medical training, experience, and the needs of the individual patient. Prior to the use of these products, the surgeon should refer to the product instruction for use (IFU) for complete indications, warnings, precautions and contra indications. IFU's are also available by contacting CrossRoads Extremity Systems.



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