

Resuscitate Your MTPJ Correction!

Complete *Plantar Plate Repair (CPR™)*

- Arthrex expertise and innovative arthroscopic instrumentation, brought to the forefoot
- Direct repair from a dorsal incision to treat and prevent crossover and floating toe
- Reconstruct the soft tissue complex to its anatomic state, eliminating 2nd MTP Joint instability
- The Mini Scorpion™ DX and Micro SutureLasso™ provide state-of-the-art suture passing options for suturing the plantar plate



Micro SutureLasso CPR technique



Mini Scorpion DX CPR technique



Grasp, pass, and retrieve with the **NEW!** Mini Scorpion DX

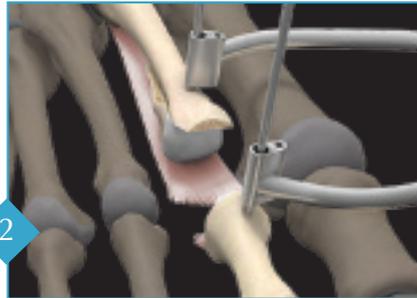
Complete Plantar Plate Repair (CPR)

A crossover second toe is a common forefoot condition. Until recently, the surgical treatment of the 2nd MTP joint subluxation was characterized by indirect repairs. The most frequent options were synovectomy, soft tissue release, tendon transfers, and bony decompression. Results improved with the advent of distal metatarsal osteotomies, but this did not directly address the plantar plate tear. None of these methods directly reconstruct the plantar plate tear or the collateral ligament attenuation. The plantar plate, in conjunction with the collateral ligaments, provides the main stability of the 2nd MTP joint. Arthrex describes its direct repair of the plantar plate from a dorsal approach below. The surgical treatment is a reconstruction of the anatomic structures that lead to the instability of the 2nd MTP joint. A plantar plate repair and lateral or medial soft tissue reefing can restore normal joint alignment.

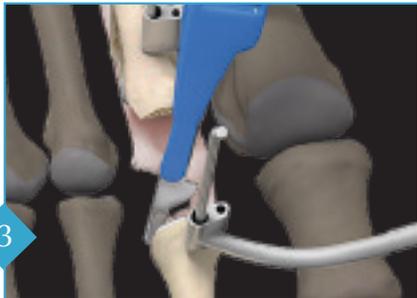
Surgical Technique Using Mini Scorpion DX



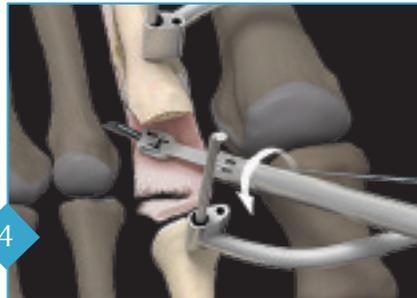
1 Dorsal incision centered over 2nd MTP joint. Use of a McGlamry Elevator is recommended, as this aids in the translation of the capital fragment. Weil osteotomy is then performed, and capital fragment is pushed back with the metatarsal pusher 8 – 10 mm and pinned with a .062" K-wire.



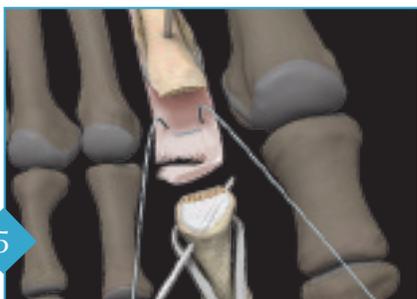
2 Utilize the Arthrex Small Joint Distractor to gain access to the plantar plate. Use the pin in the metatarsal, and place the second .062" K-wire in the base of the proximal phalanx to secure the device. Open the distractor to gain dorsal access to the plantar plate.



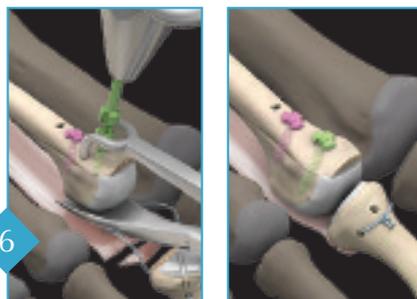
3 Release the plantar plate from the base of the proximal phalanx with a blade. Be sure to release it as close to the insertion of the proximal phalanx as possible. This will allow advancement of the plantar plate as a single unit.



4 Use the Mini Scorpion DX or Micro SutureLasso to stitch the plantar plate. One can use an inverted mattress or a running stitch for fixation of the plantar plate. Use a curette, rasp, or rongeur to roughen the plantarside of the proximal phalanx.



5 The distractor and .062" K-wire in the phalanx are removed and crossing drill tunnels from dorsal medial to plantar lateral, and dorsal lateral to plantar medial are created. Parallel holes can also be employed. Use an Arthrex suture passer to bring sutures from plantar to dorsal in the phalanx.



6 Remove the .062" K-wire in the metatarsal and bring the capital fragment out to the desired length before placing the QuickFix clamp and 2 mm QuickFix "snap-off" screws to secure the osteotomy. Place the phalanx in 10 – 15° of plantar translation and tie four to five surgeon knots with the 0 FiberWire® to secure the plantar plate to the base of the proximal phalanx.

Note: It is critical to see the K-wire exit just below the plantar cartilage.

Ordering Information

Implant System, CPR Mini Scorpion DX and Micro SutureLasso (AR-8690DS) includes:

Mini Scorpion DX Needle
Micro SutureLasso Plantar Plate Pigtail, Right
Micro SutureLasso Plantar Plate Pigtail, Left
QuickFix Screw, 2 mm x 11 mm
QuickFix Screw, 2 mm x 13 mm
Metatarsal Measuring Guide
Suture Retriever, Plantar Plate, qty. 2
Suture Retriever, 1.5" Funnel, qty. 2
Ruler, 6"
0 FiberWire, blue, qty. 2
0 FiberWire, white, qty. 2
0 TigerWire w/Needle, 38", white/green

Mini Scorpion DX CPR Instrument Set (AR-8690S) includes:

Mini Scorpion DX	AR-8999
Small Joint Distractor	AR-8690SJD
McGlamry Metatarsal Elevator, 11 mm	AR-8930M
QuickFix Clamp	AR-8930MC
Small Handle with AO Connection	AR-2001AOT
Driver Shaft for QuickFix Screw, 2 mm	AR-8930D
QuickFix Screw Cutter, 2 mm	AR-8930R
Metatarsal Head Pusher	AR-8690P
Mini Scorpion Instrument Case	AR-8960C

Accessories (optional):

Mini Scorpion DX	AR-8999
Mini Scorpion Curved	AR-8999C
Small Joint Distractor	AR-8690SJD
QuickFix Clamp for Weil Osteotomies	AR-8930MC
SutureLasso, Pigtail, Left curved	AR-8690SL
SutureLasso, Pigtail, Right curved	AR-8690SLR
0 FiberWire	AR-7254

Disposables:

Guide Wire w/Trocar Tip, .062" (1.6 mm)	AR-8941K
Guide Wire w/Trocar Tip, threaded, .062" (1.6 mm)	AR-8941KT
Guide Wire w/Trocar Tip, .078" (2 mm)	AR-8945K
Guide Wire w/Trocar Tip, threaded, .078" (2 mm)	AR-8945KT



Scan to view supporting marketing materials on the Arthrex website



<http://tinyurl.com/ARTHREX-CPR>

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