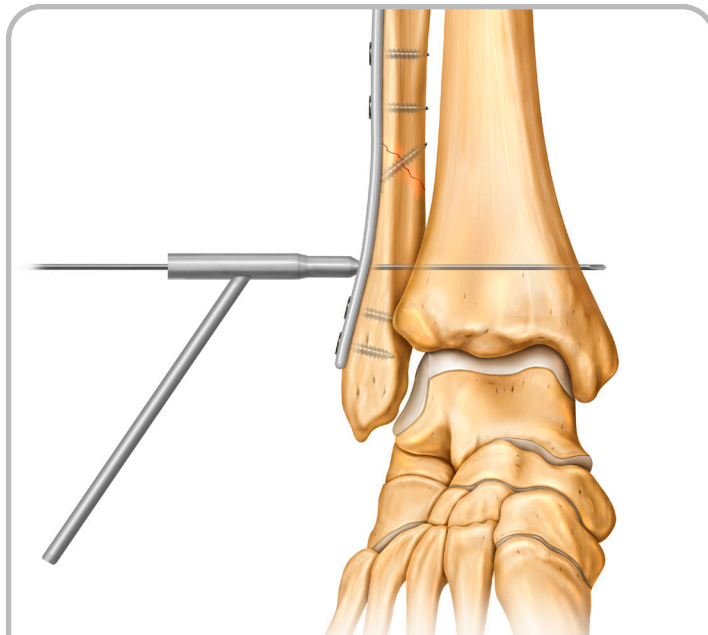


Syndesmosis Repair

Using Synd-EZ

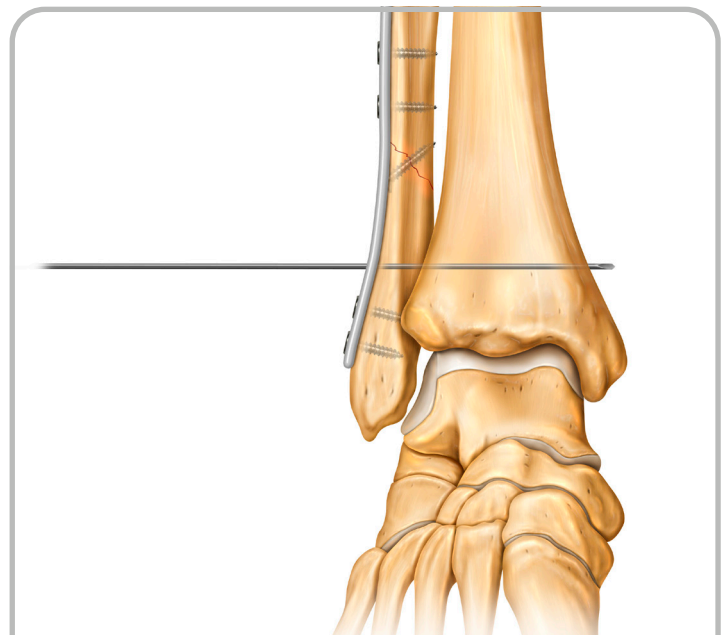
Syndesmosis Repair *with Synd-EZ*

Syndesmosis repair will be demonstrated with the Synd-EZ kit which is intended to be used with or without a fracture plate.



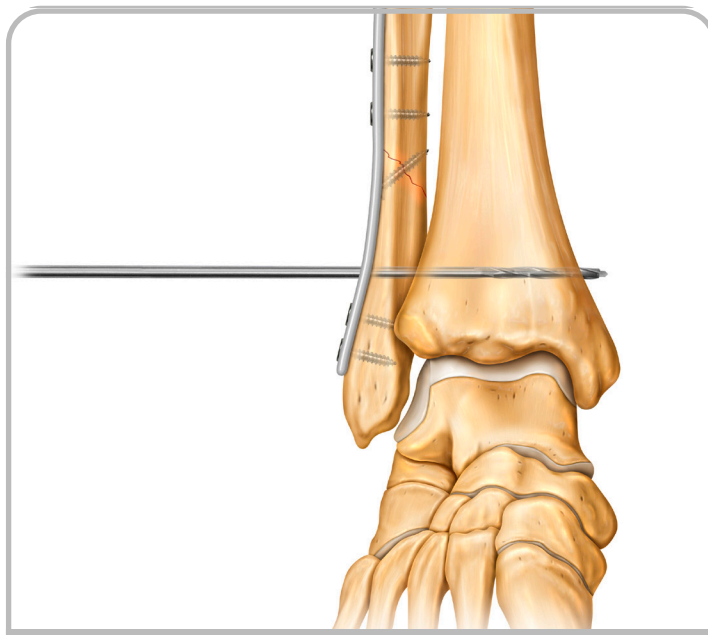
step
1

If using a fracture plate, use preferred technique to attach the fracture plate. Use a drill guide to drill a 1.5mm K-wire from lateral to medial through a hole in the fracture plate and all four cortices of the tibia and fibula at preferred angle.



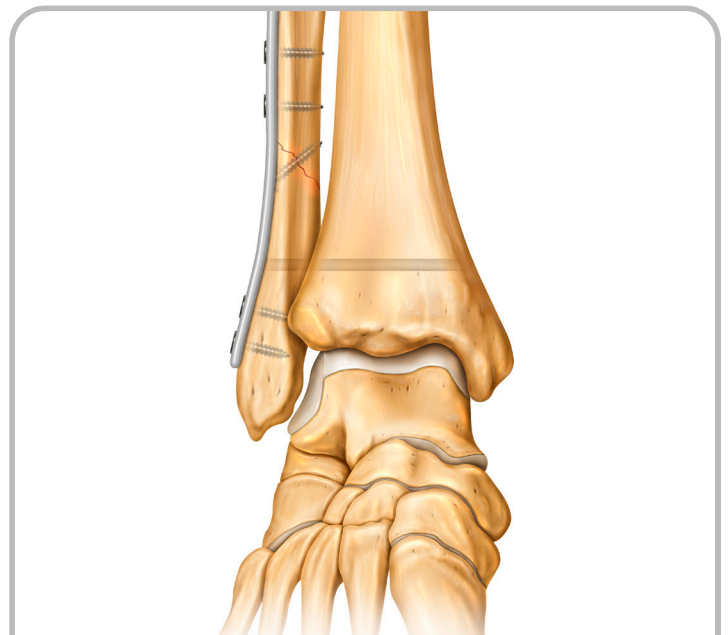
step
2

Remove the drill guide.



step
3

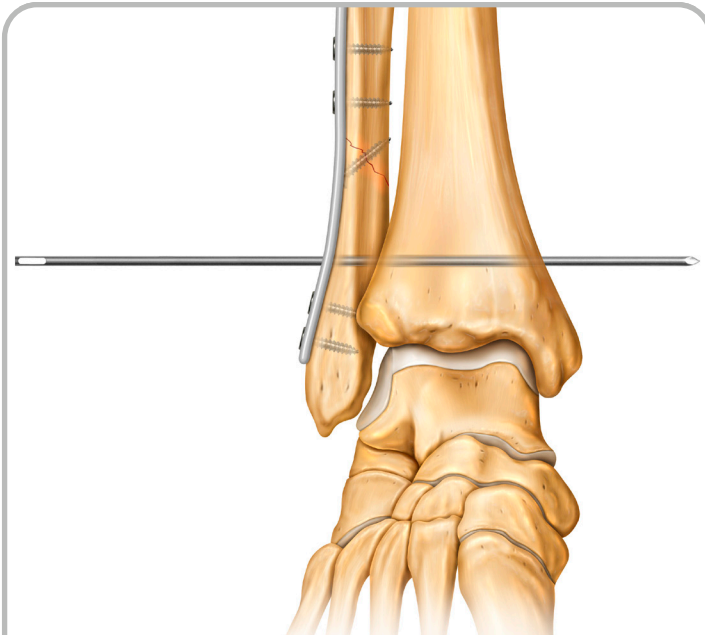
Use a 3.5mm cannulated drill bit to drill over the K-wire from lateral to medial through all four cortices.



step
4

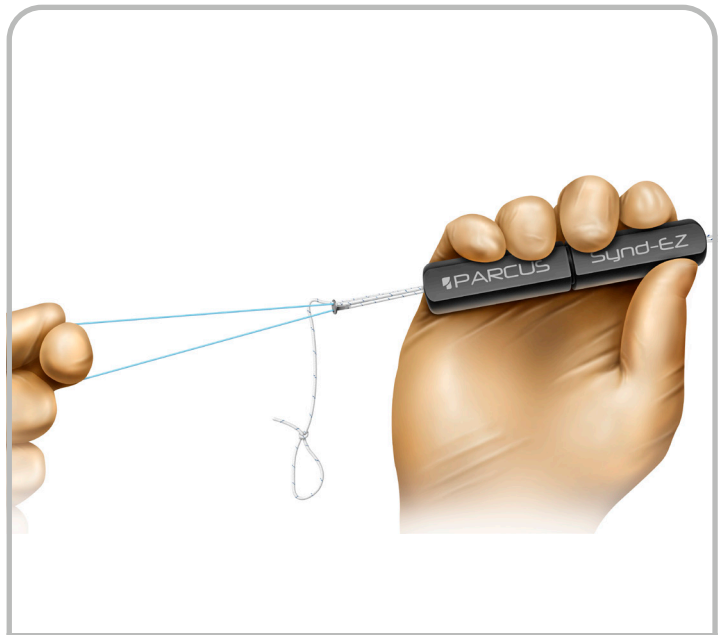
Remove the K-wire and drill bit.

Syndesmosis Repair *with Synd-EZ*



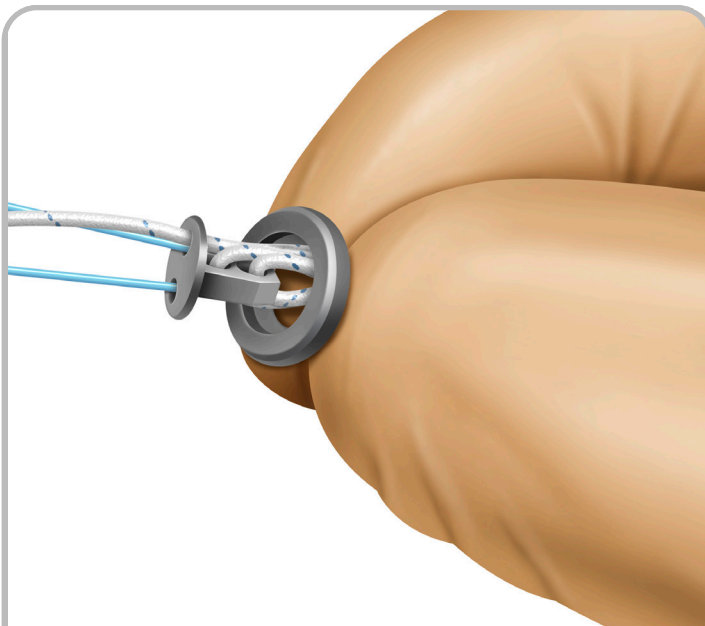
step
5

Advance the 2.4mm passing pin from lateral to medial through the fracture plate, all four cortices, and patient's skin on the medial side.



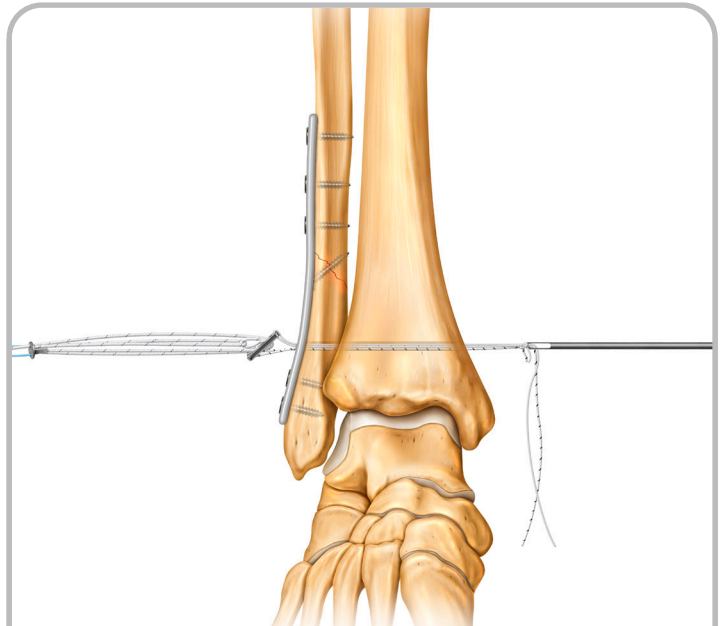
step
6

Pull the solid blue counter-traction suture to remove the implant device from the black tension handle.



step
7

If a fracture plate is not needed, slide the washer over the button and across the device until it rests against the top hat.*
Note: Flat side of washer should rest against the lateral cortex of the fibula.

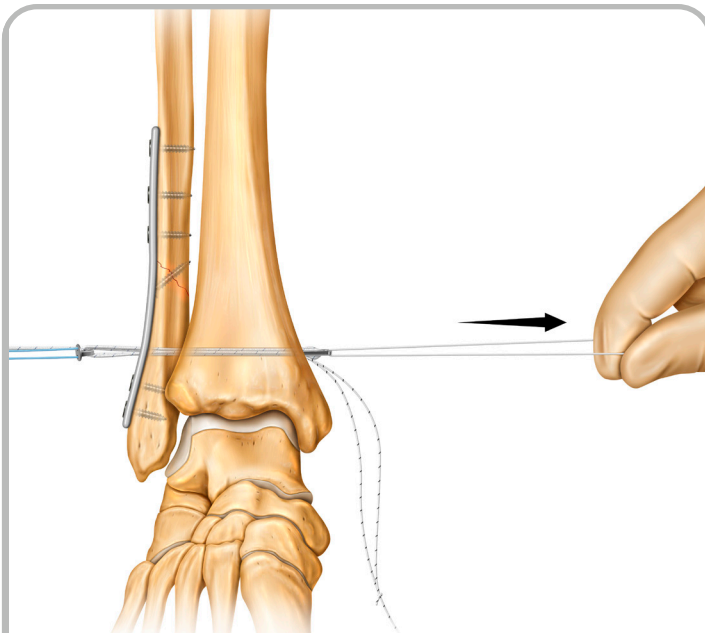


step
8

Thread the solid white pulling suture and white/black toggle suture through the eyelet of the passing pin. The passing pin is pulled from lateral to medial to shuttle the suture tails.

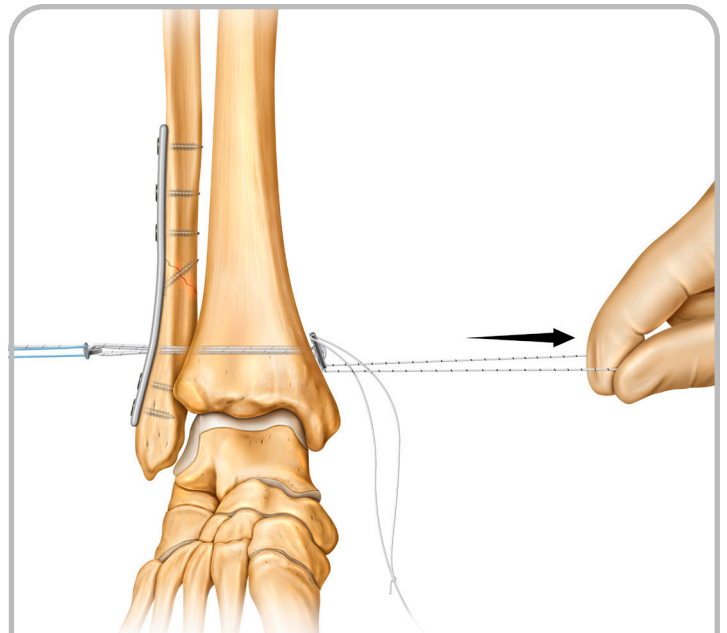
* Washer is only available in the Synd-EZ Titanium Kit 11223.

Syndesmosis Repair *with Synd-EZ*



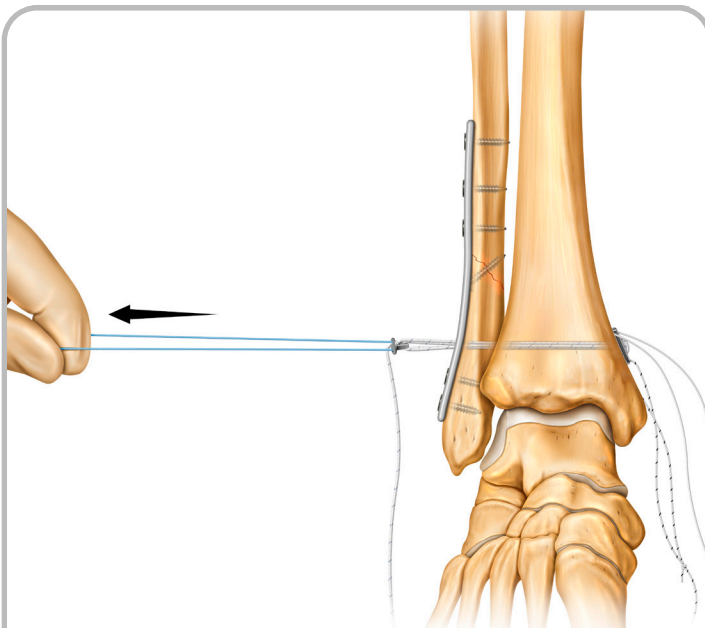
step
9

Pull the solid white pulling suture to advance the implant device from lateral to medial until the button clears the medial cortex of the tibia.
Note: Remove slack of the white/black toggle suture as the device is advanced.



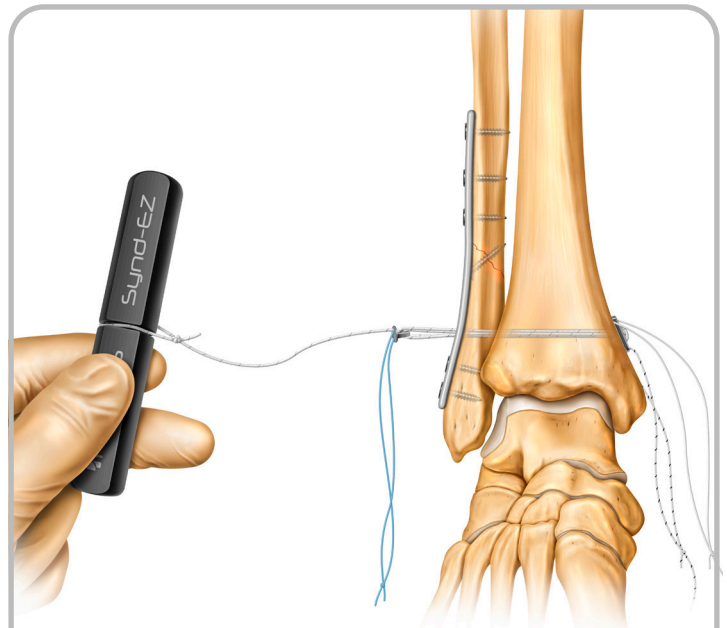
step
10

Use the white/black toggle suture to flip the button on the medial cortex of the tibia.
Note: If the button over travels past the patient's skin, create a small incision and push the button backwards towards the medial cortex of the tibia.



step
11

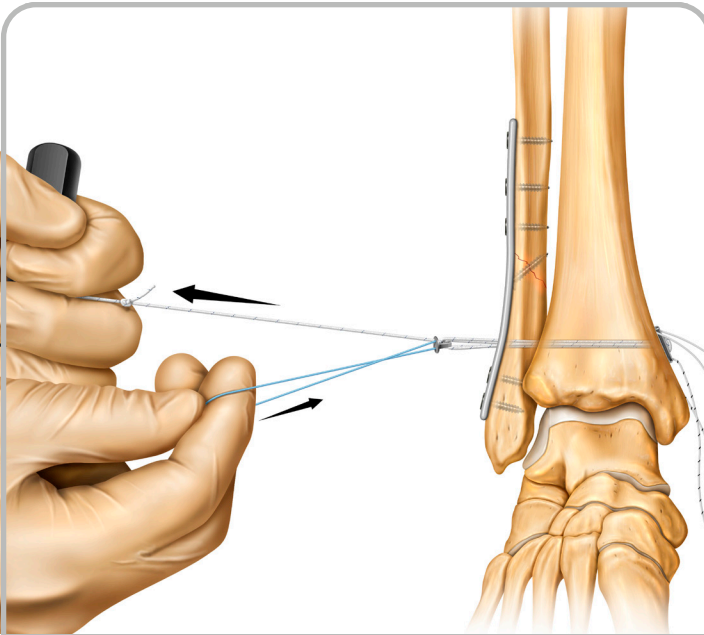
Pull the solid blue counter-traction suture to confirm fixation of the medial button.
Note: At this point there is ~30mm of slack.



step
12

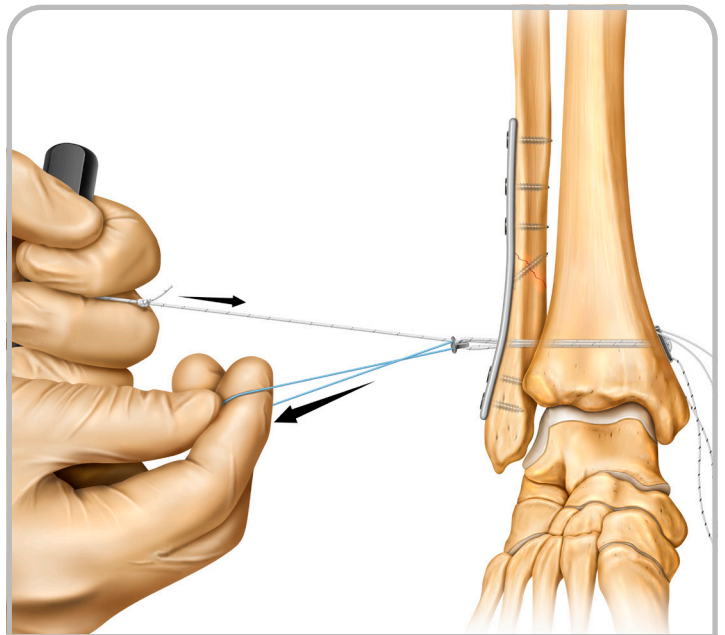
Place the white/blue adjustment suture loop in the central groove of the black tension handle.

Syndesmosis Repair with Synd-EZ



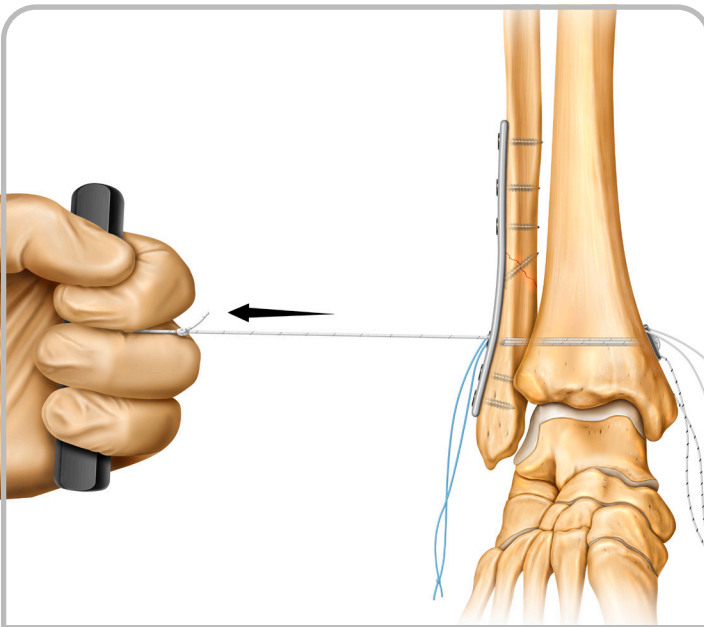
step
13

Pull the black tension handle to compress the implant device 2-3mm.
Note: Do not compress the implant device more than 2-3mm without removing slack.



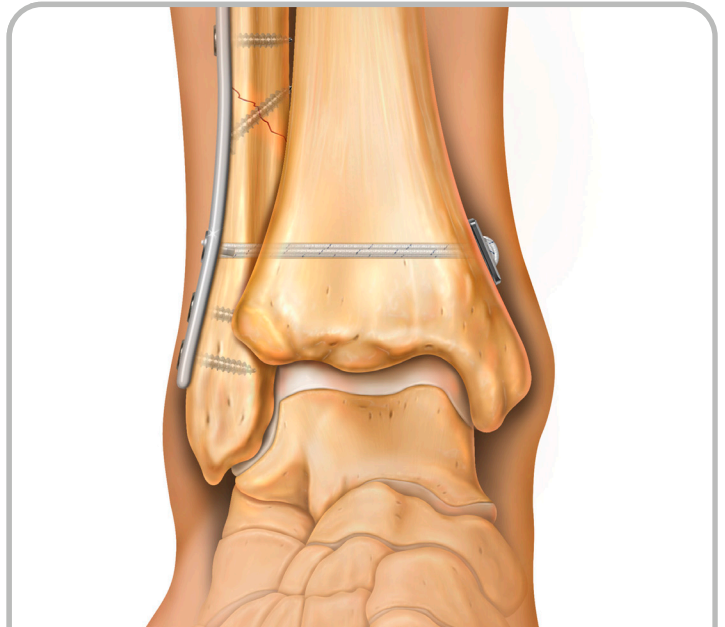
step
14

Reduce the force on the black tension handle and pull the solid blue counter-traction suture to remove slack from the implant device.
Repeat steps 13 and 14 until the top hat is seated in the fracture plate or lateral cortex of the fibula (if no fracture plate is used).



step
15

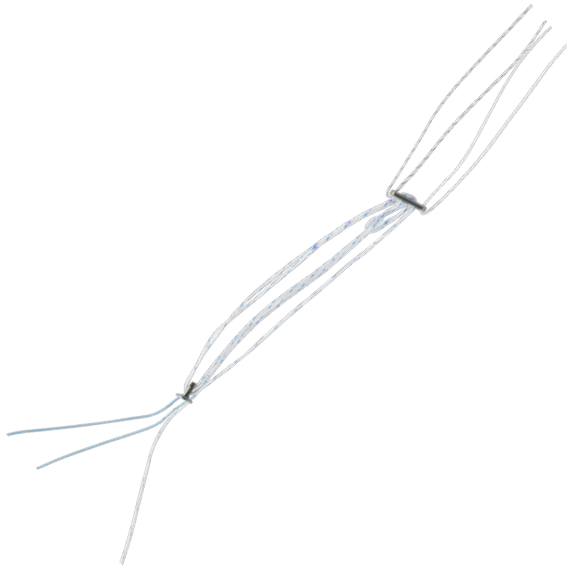
Drop the solid blue counter-suture. Use the black tension handle and the white/blue adjustment suture to set final fixation.



step
16

Complete the syndesmosis repair by cutting all four sutures.

Synd-EZ Kit *Syndesmosis Repair*



The Synd-EZ kit provides a solution for damage to the syndesmosis joint. This simple yet effective device is designed to stabilize the ankle and can be used with or without a fracture plate.

Features & Benefits

Versatile implant design

- Ideal for use with or without a fracture plate
- Washer included for use without a fracture plate*
- Top hat is low profile and self centering on fracture plates

Adjustable knotless construct

- Simplifies surgical procedure
- Offers confidence of flipped medial button from white/black toggle suture

Counter traction suture & tension handle

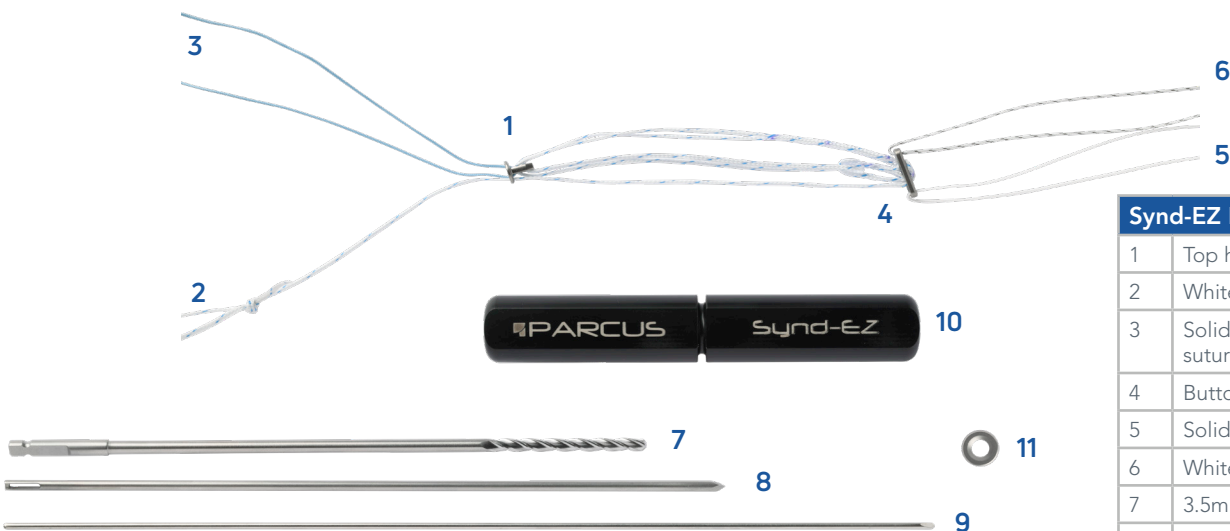
- Integrated for predictably smooth tension of construct

Synd-EZ Kits

Part #	Width of Button (mm)	Length of Button (mm)	Description
11223	3.2	12	Synd-EZ Titanium Kit (Ti)
11224	3.2	12	Synd-EZ Stainless Steel Kit (SS)

Synd-EZ Instrumentation (for use with a fracture plate)

Part #	Description	Sterile/Non-sterile	Single-use/Reusable
11272	Synd-EZ Drill Guide	Non-sterile	Reusable



Synd-EZ Kit Components	
1	Top hat
2	White/blue adjustment suture
3	Solid blue counter-traction suture
4	Button
5	Solid white passing suture
6	White/black toggle suture
7	3.5mm cannulated drill bit
8	2.4mm passing pin
9	1.5mm K-wire
10	Black tension handle
11	Washer*

* Washer is only available in the Synd-EZ Titanium Kit 11223.

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