



Synd-EZ

Syndesmosis Repair

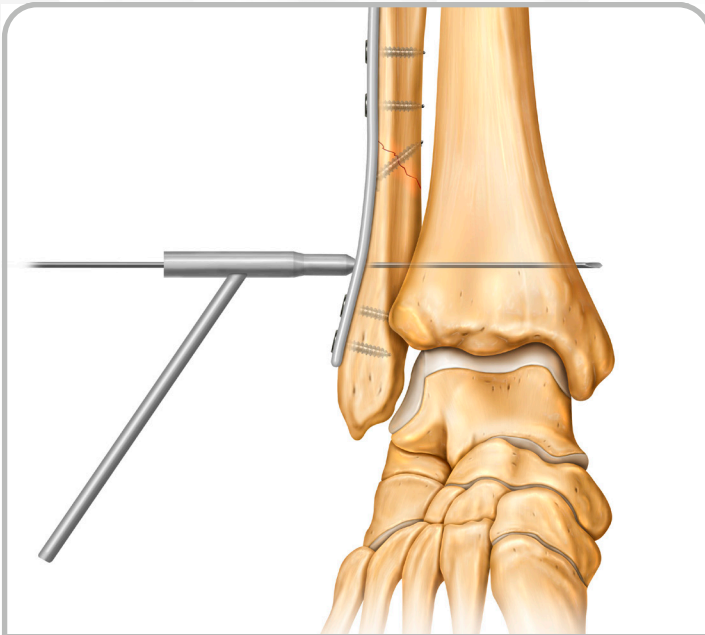
Surgical Technique Guide

Parcus Medical has joined Anika



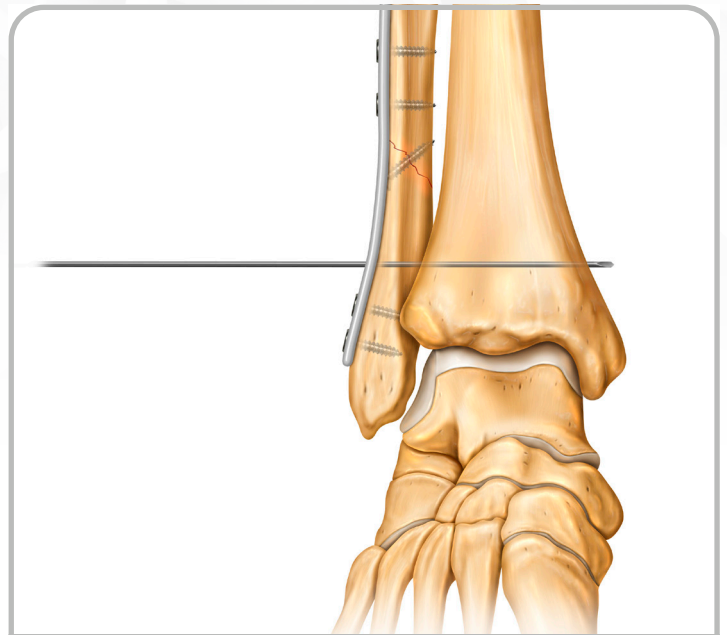
Syndesmosis Repair *with Synd-EZ*

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



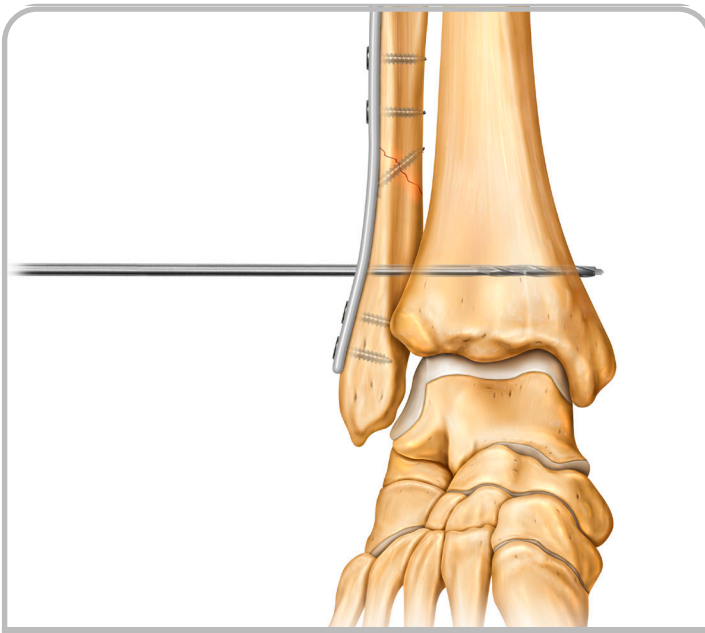
step
1

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.



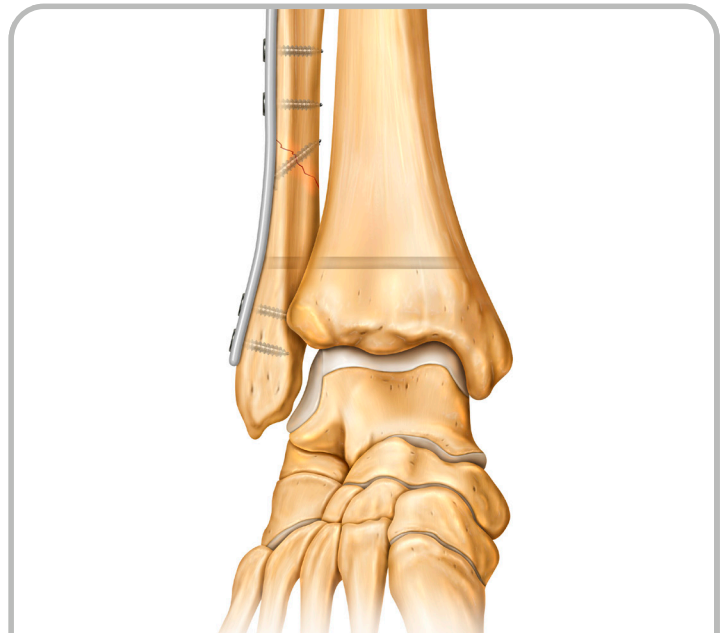
step
2

Remove the drill guide.



step
3

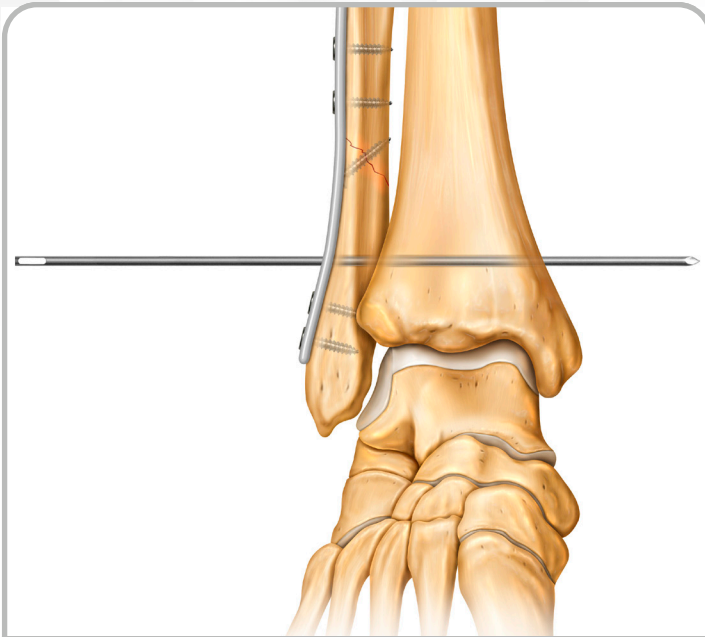
Use a 3.5mm cannulated drill bit to drill over the K-wire from lateral to medial through all four cortices.



step
4

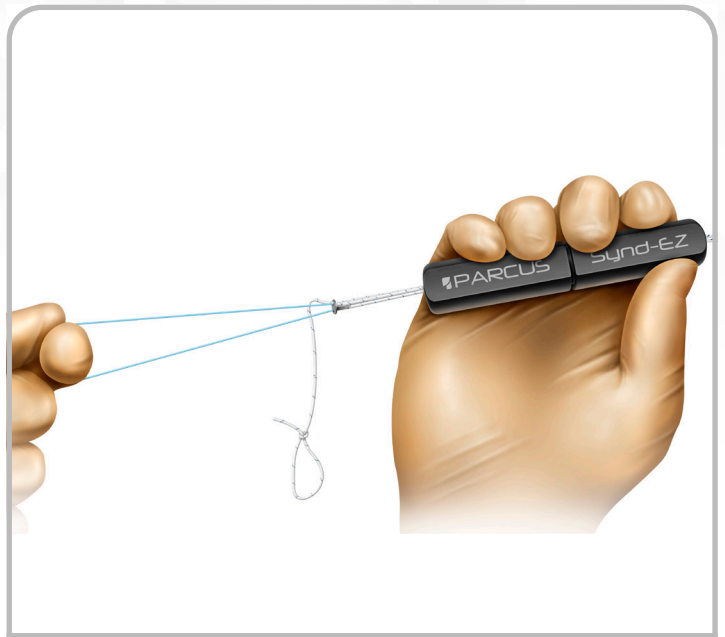
Remove the K-wire and drill bit.

Syndesmosis Repair with Synd-EZ



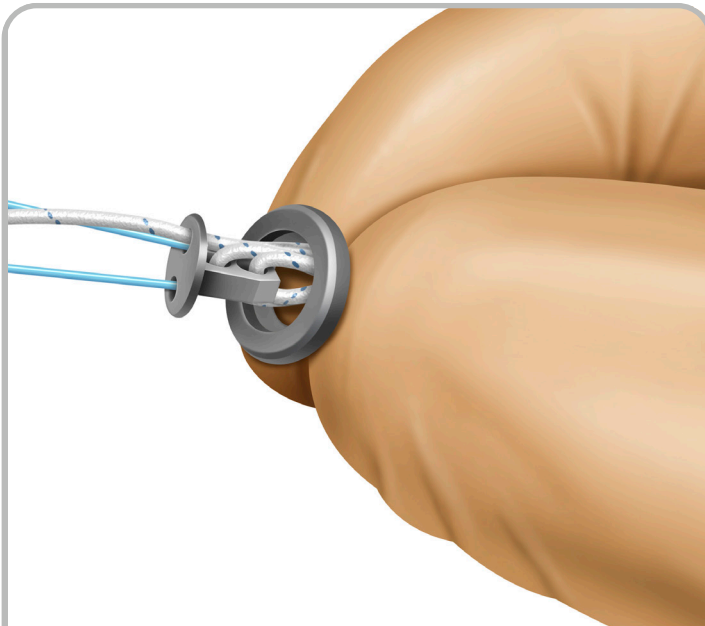
step
5

Remove. 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. Remove the inserter.



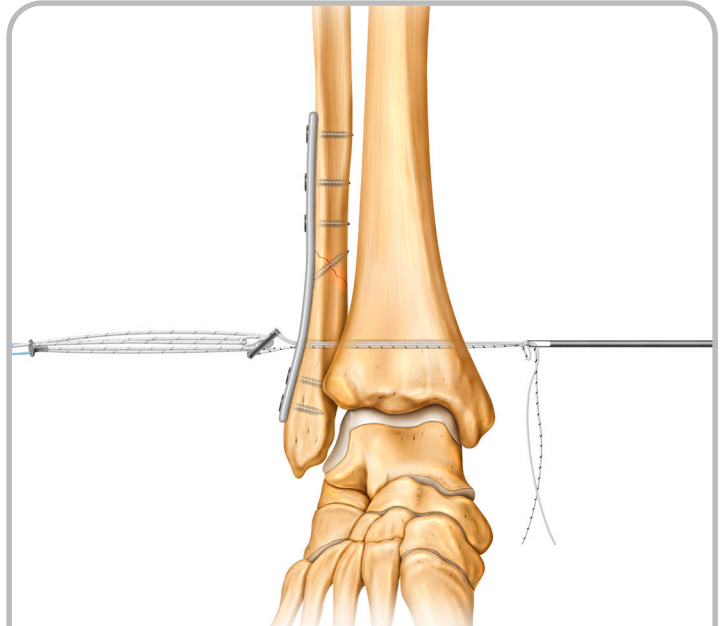
step
6

Pull the solid blue counter-traction suture to remove the 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.

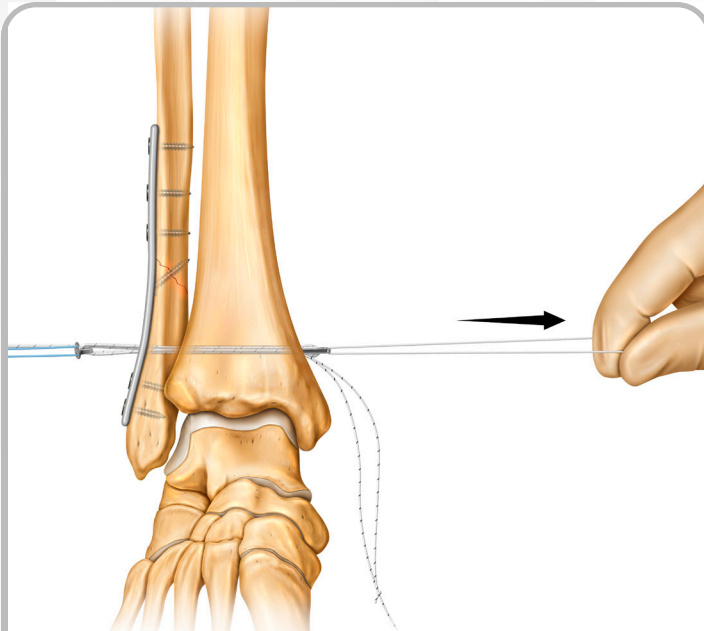


step
8

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.

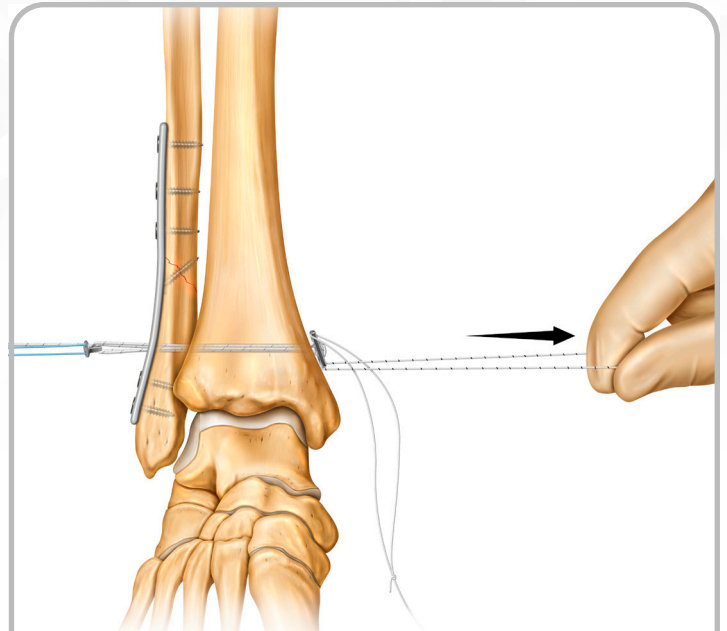
* Only product number 11223 Synd-EZ Ti Kit is available with washer.

Syndesmosis Repair *with Synd-EZ*



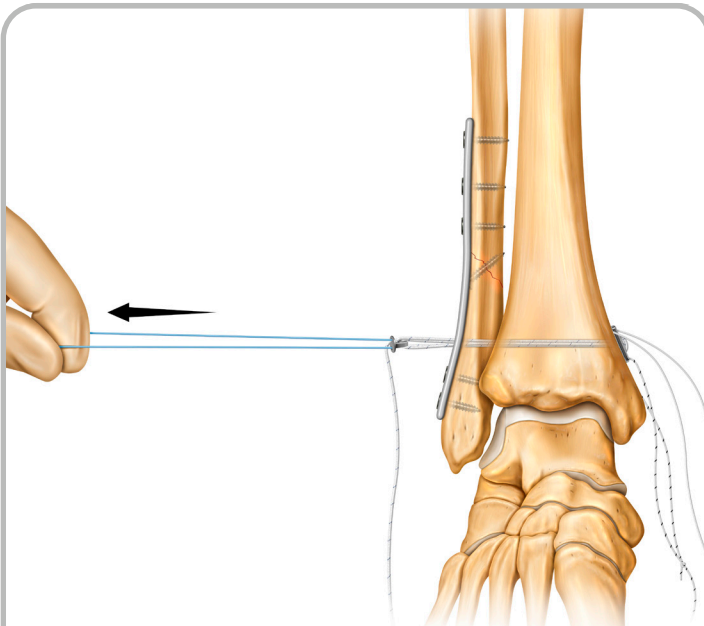
step
9

Pull the solid white pulling suture to advance the 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.



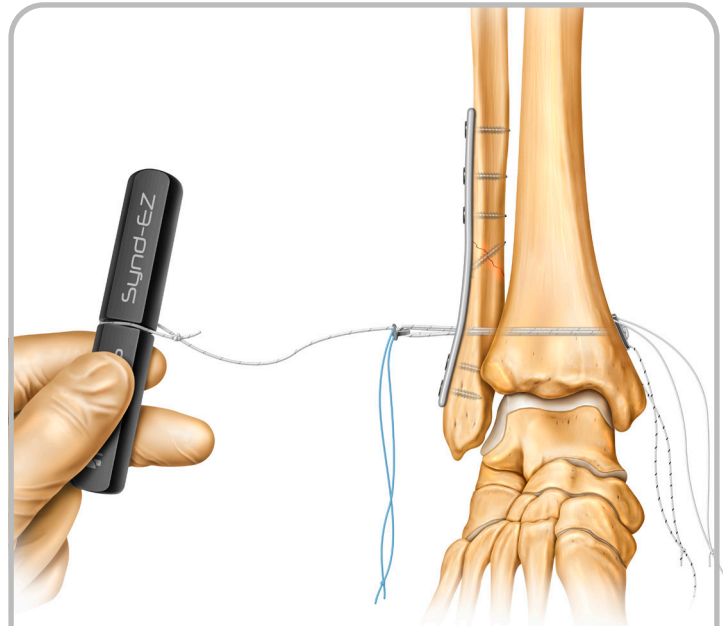
step
10

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

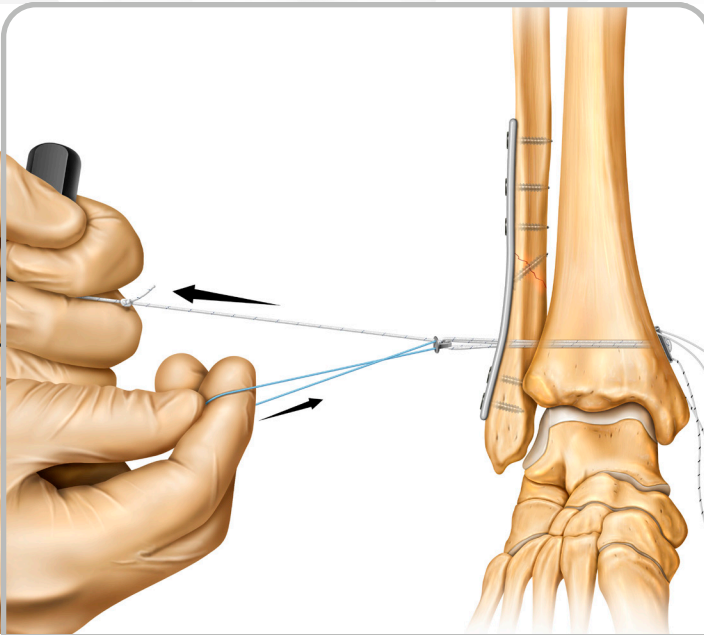
Pull the solid blue counter-traction suture to confirm fixation of the button.
Note: At this point there is ~30mm of slack.



step
12

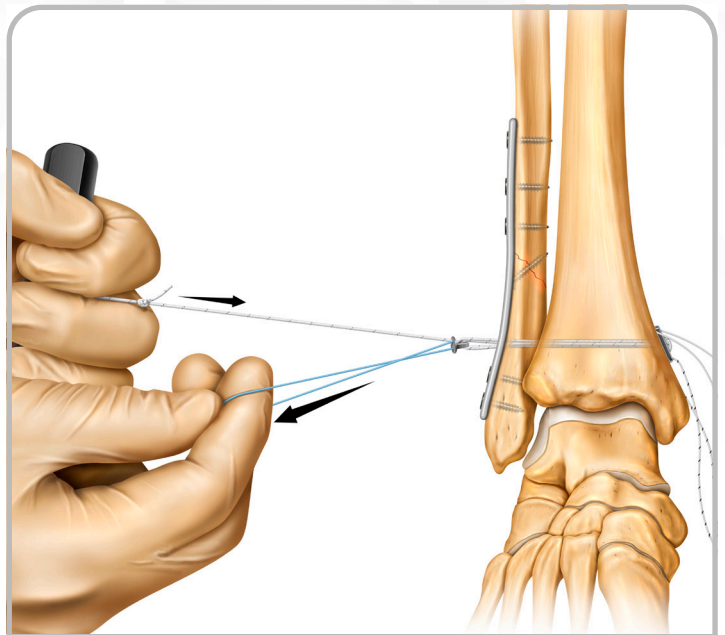
Place the white/blue adjustment suture loop in the central groove of the black tension handle.

Syndesmosis Repair *with Synd-EZ*



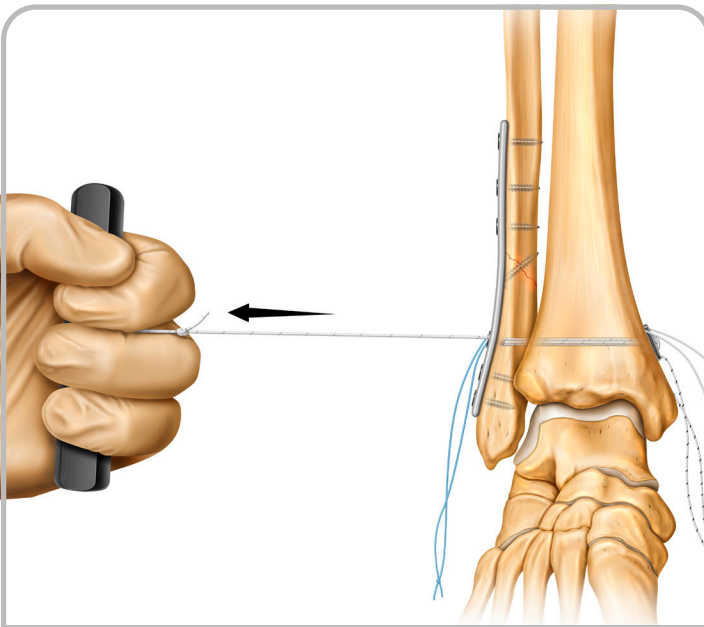
step
13

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



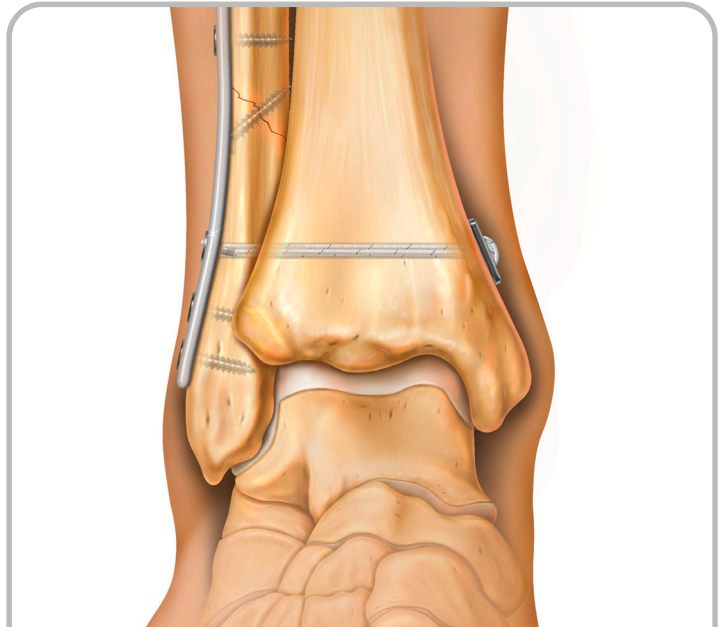
step
14

Reduce the force on the black tension handle and pull the solid blue counter-traction suture to remove slack from the device. Repeat the two steps above until the top hat is seated in the fracture plate or lateral cortex of the fibula (for use w/o fracture plate).



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 sutures.

Synd-EZ Ti Kit *Syndesmosis Repair*



The Synd-EZ Ti kit provides a solution for damage to the syndesmosis joint which connects the tibia and fibula bones of the lower leg. This simple yet effective device is designed to stabilize the ankle and can be used with or without a fracture plate.

Features & Benefits

Versatile titanium 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

Counter traction suture & tension handle

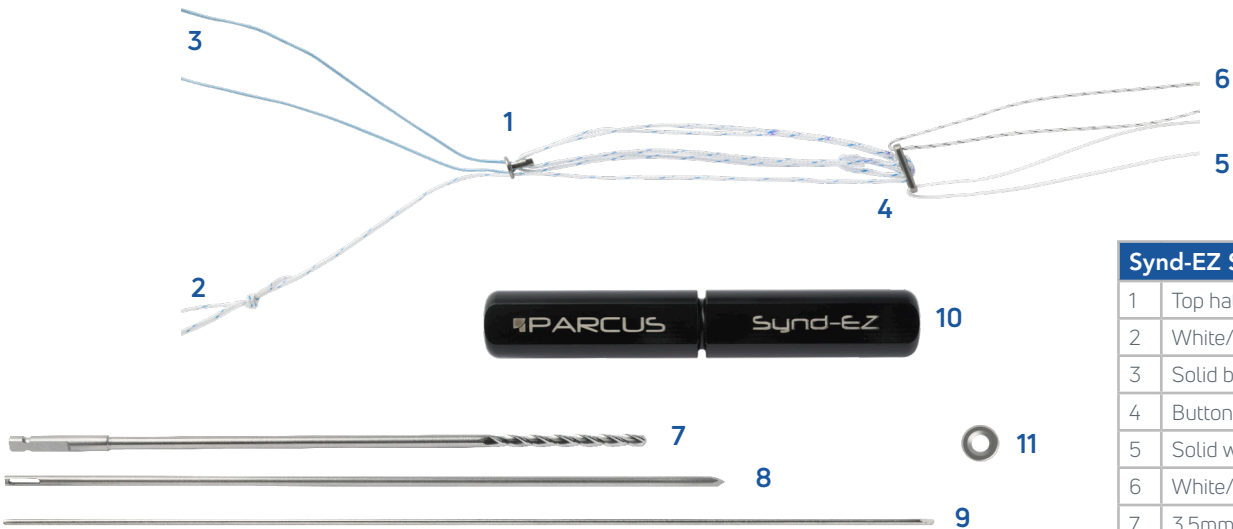
- Integrated for predictably smooth tension of construct

Synd-EZ Ti

| Part # | Width of Button (mm) | Length of Button (mm) | Description | Length of Loop (mm) | QTY/Box |
|--------|----------------------|-----------------------|---------------------------|---------------------|---------|
| 11223 | 3.2 | 12 | Synd-EZ Titanium Kit (Ti) | - | 1 |

AcTiFlip Instrumentation

| Part # | Diameter (mm) | Joint | Description | Sterile/Unsterile | Single-use/Reusable |
|--------|---------------|-------------|---------------------|-------------------|---------------------|
| 11272 | - | Small Joint | Synd-EZ Drill Guide | Unsterile | Reusable |



| Synd-EZ SS 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 |

Synd-EZ SS Kit *Syndesmosis Repair*



The Synd-EZ SS kit provides a solution for damage to the syndesmosis joint which connects the tibia and fibula bones of the lower leg. This simple yet effective device is designed to help stabilize the ankle and is intended for use with a stainless steel fracture plate.

Features & Benefits

Versatile stainless steel design

- Top hat is low profile and self centering on fracture plates

Adjustable knotless construct

- Simplifies surgical procedure

Counter traction suture & tension handle

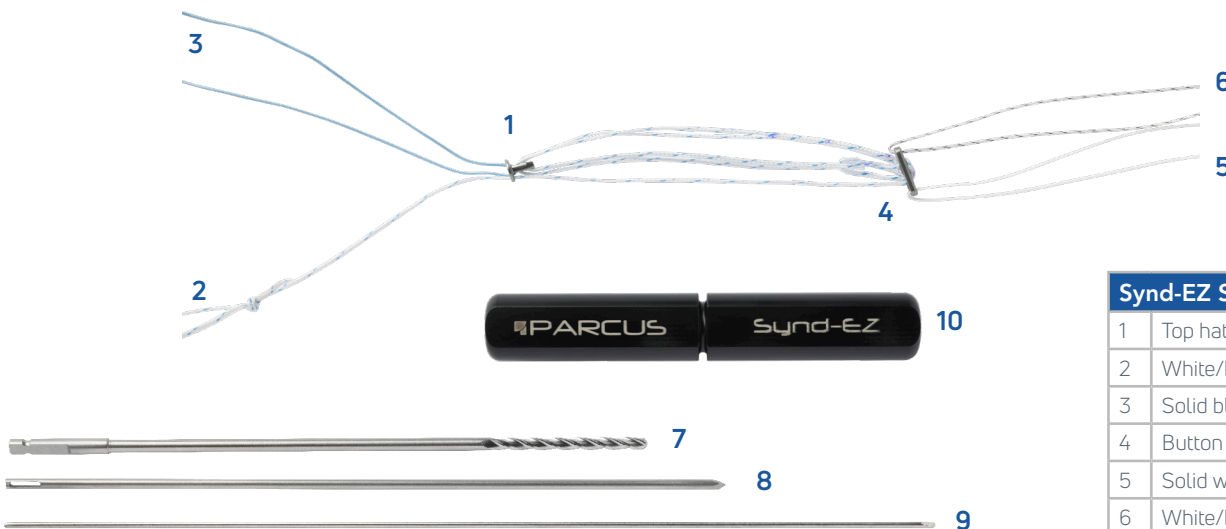
- Integrated for predictably smooth tension of construct

Synd-EZ SS

| Part # | Width of Button (mm) | Length of Button (mm) | Description | Length of Loop (mm) | QTY/Box |
|--------|----------------------|-----------------------|----------------------------------|---------------------|---------|
| 11224 | 3.2 | 12 | Synd-EZ Stainless Steel Kit (SS) | - | 1 |

AcTiFlip Instrumentation

| Part # | Diameter (mm) | Joint | Description | Sterile/Unsterile | Single-use/Reusable |
|--------|---------------|-------------|---------------------|-------------------|---------------------|
| 11272 | - | Small Joint | Synd-EZ Drill Guide | Unsterile | Reusable |



Synd-EZ SS Kit Components

| | |
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| 9 | 1.5mm K-wire |
| 10 | Black tension handle |

Parcus Medical has joined **Anika**

PARCUS

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