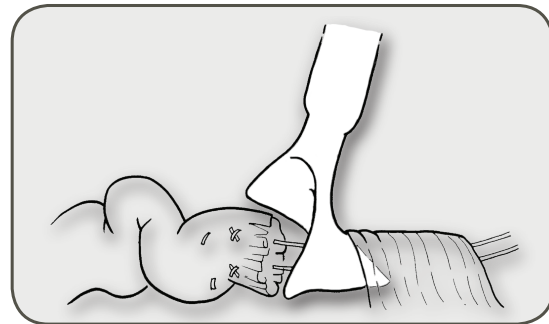


# No Man's Land . . .

# is TOBY® Land!

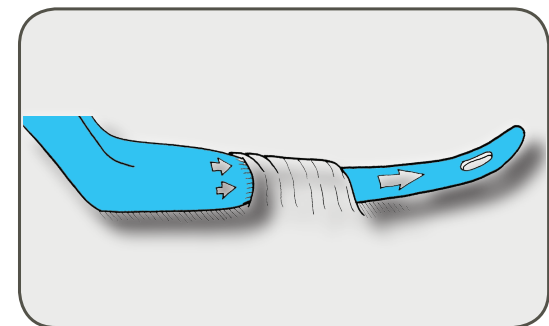
- Retrieve suture
- Dilate contracted pulleys
- Compress and tunnel the tendon into its pulley

## TOBY Flexor Tendon Sheath Retractor & Suture Retriever/Sheath Dilator facilitate your repair without dictating your method.



Acting as a funnel shoehorn, the novel transparent retractor allows for smooth passage of the tendon to the repair site.

- atraumatic tendon placement back into its sheath
- minimization of soft tissue trauma
- reduced surgical time and frustration



The versatile suture retriever is designed for smooth passage through the delicate flexor sheath, and can also be used as a sheath dilator.

- easier suture retrieval
- dilation of contracted flexor tendon sheath
- primary tendon repair in acute and delayed presentations

## Why struggle? Get the right tools for the job.

(surgical and cadaveric demonstrative videos available online)

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TOBY® Flexor Tendon Repair Tools are FDA registered. CE 2797

## Surgical Technique

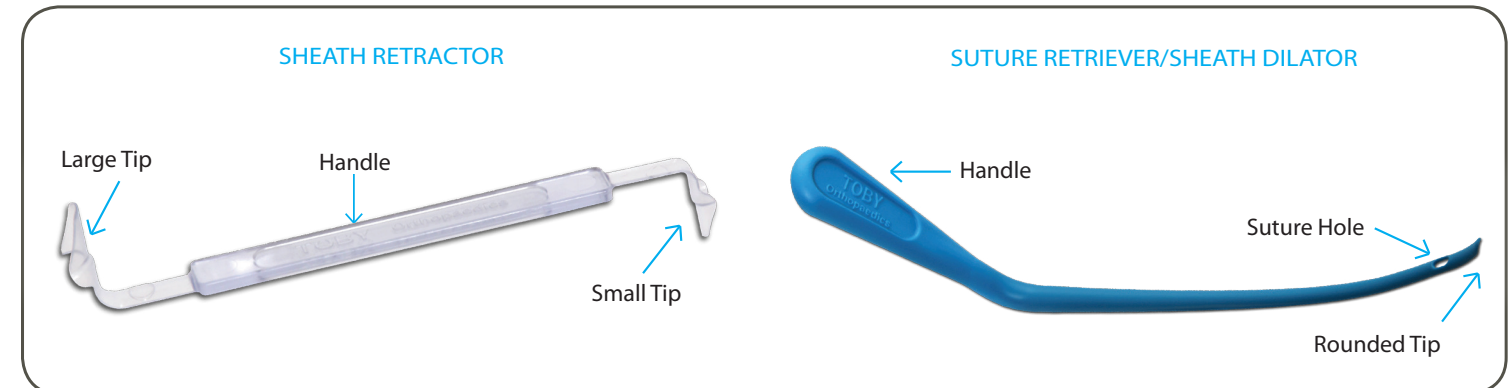
### INDICATIONS

The Flexor Tendon Sheath Retractor and Suture Retriever/Sheath Dilator kit is indicated for use in the repair of lacerated digital flexor tendons.

### DESCRIPTION

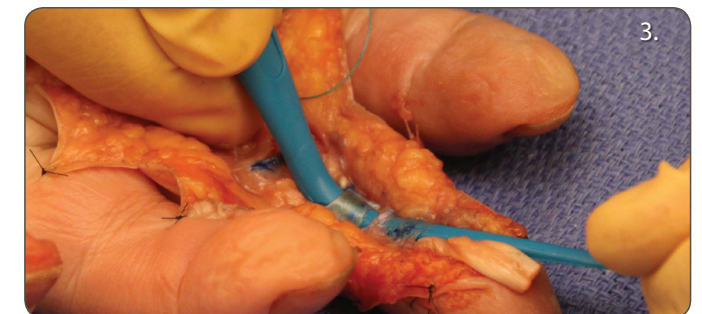
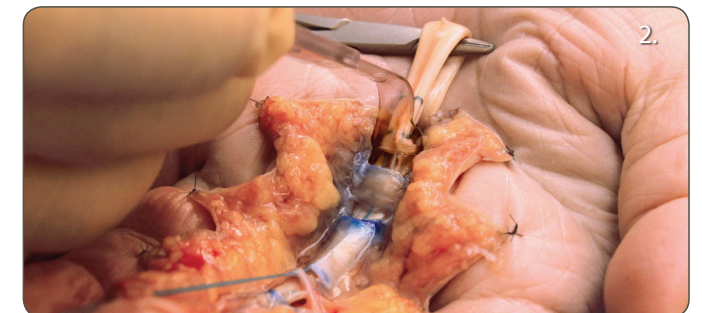
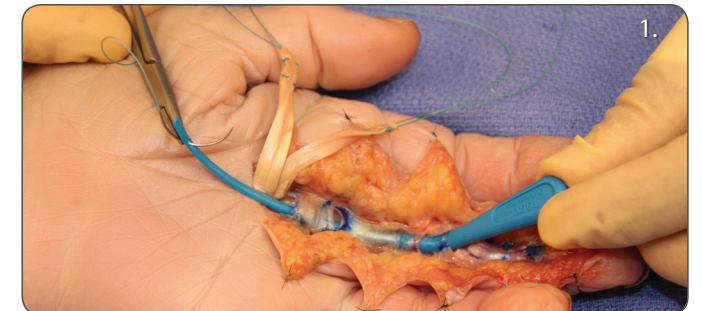
The Flexor Tendon Sheath Retractor and Suture Retriever/Sheath Dilator kit includes one Sheath Retractor with a large and small tip and one Suture Retriever/Sheath Dilator sized to fit inside an empty flexor sheath or between the sheath and its tendon.

### NOMENCLATURE - COMPONENTS



### APPLICATION OF TOOLS

1. The RETRIEVER is advanced through the empty flexor sheath in a retrograde direction, from the site of the distal flexor stump to the site of the proximal flexor stump.
2. The proximally retracted flexor tendon stump is sutured, leaving the suture ends long enough for retrieval. (The surgeon may elect to leave the needle attached to the suture).
3. The free ends (with or without the needle) of the suture are passed into the hole on the tip of the RETRIEVER (see figure 1).
4. The RETRIEVER is pulled to pass the suture (and needle) through the sheath.
5. The transparent FUNNEL is placed at the entrance of the flexor tendon sheath prior to pulling on the free ends of the suture. The suture ends are pulled; the tendon is pulled into the sheath with the FUNNEL in place to ease the tendon into the sheath (see figure 2).
6. To dilate a contracted flexor tendon sheath, the RETRIEVER is advanced through the sheath with a controlled force, pushing on the handle or pulling from the tip of the RETRIEVER. The RETRIEVER is left in place for a few minutes to distend the flexor tendon sheath, taking full advantage of the viscoelastic properties of the tissue (see figure 3).



CAUTION: NOT INTENDED FOR IMPLANTATION



**Ordering Information:**  
catalog no. TO-FTRT  
Flexor Tendon Sheath Retractor &  
Suture Retriever/Sheath Dilator

# Surgical Technique Guide

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## Flexor Tendon Repair Tools Sheath Retractor & Suture Retriever/Sheath Dilator

**CAUTION:** SINGLE USE ONLY  
NOT INTENDED FOR IMPLANTATION

**HOW SUPPLIED**

The instruments are supplied sterile  
in a dual-compartment pouch.

**CONTRAINDICATIONS**

None are known.

**CLINICAL HISTORY**

These instructions are based upon current  
experience. The physician may wish to vary  
the procedure in accordance with clinical judgment.

**SHELF LIFE**

The instruments have a shelf life of three (5) years  
from the date of manufacture.

This surgical technique is intended  
as an educational tool to assist a properly  
licensed medical professional in the usage  
of Toby Orthopaedics products, and is  
not meant to replace professional judgment  
as to product usage and technique.

Prior to use, medical professionals  
should consult the product's Instructions  
for Use and rely on their own training  
and experience.

Printed in the USA. 50000050-04

TOBY® Flexor Tendon Repair Tools have been cleared by the FDA. CE 2797  
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