Spirecut's surgical procedure

## **Carpal Tunnel**

M. Crespi

# S P I R E C U T



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SPIRECUT

## No skin incision & **bilateral surgery possible**

Spirecut is a Swiss company commercializing medical devices for ultrasound-guided hand surgeries. We are committed to advancing minimally invasive surgery and improving patient care.

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**Trigger Finger** 

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### **OUR MISSION**

### Our mission is to improve the outcome of trigger finger and carpal tunnel syndrome surgeries.

Spirecut offers patented surgical instruments, called Sono-Instruments®, for percutaneous sono-guided release of carpal tunnel syndrome and trigger finger.

Our technique provides several unique benefits, allowing safe, quick and efficient surgery without any skin incision or resulting scars.

#### 3:

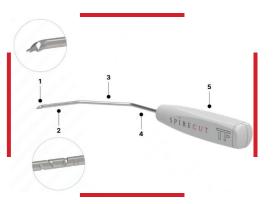
Rod design of the rod, adapted to the anatomy of the adult carpal tunnel (carpal tunnel instrument) or to the flexor digital sheath (trigger finger instrument)

#### 4:

Rod diameter 1.5mm diameter rod, allowing insertion through the skin by a puncture made by a 14 Gauge IV catheter

#### 5:

Handle, allowing firm non-slip grip of the Sono-Instrument® and the maintain of its orientation throughout the whole procedure of release



#### Probe

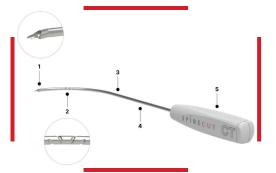
1.5mm diameter smooth probe, facilitating the dissection and allowing at the end of the procedure to check the completeness of the release



### Carpal Tunnel Sono-Instrument® (CT)

Carpal Tunnel

The Carpal Tunnel Sono-Instrument® is a simple and efficient solution to treat carpal tunnel syndrome (percutaneous release of the transverse carpal ligament or flexor retinaculum)



### Trigger Finger Sono-Instrument® (TF)

The Sono-Instrument® is a simple and efficient solution to treat trigger finger (percutaneous release of annular pulley(s), in particular the A1 pulley, with or without adjacent ganglion).

Cutting extremity allowing release in the plane chosen by the surgeon, safe for neighbouring tendons/ nerves/

vessels, with lateral flanges enhancing the echogenicity

Spiral groove spiral groove facilitating the visualization of

the Sono-Instrument® under sonography and providing

information about rotatory alignment

2:



The procedure requires ultrasound quidance under local anaesthesia.

#### **Quick surgery**

Safe surgery

The procedure takes a few minutes to complete, and is performed with minimal instrumentation.





skin incision, stitches, or dressing, It does not result in any external blood loss.



#### Early return to daily activities

After the procedure, patients can resume their daily activities. resume their daily lights activities.

## **PRODUCTS BENEFITS**

## Percutaneous surgery





