Endoscopic Tarsal Tunnel Release Technique Guide

mission surgical innovations

SafeView™
360° Panoramic Visualization • Sterile Packaged • Fully Disposable
**Versatility and Control**

SafeView™ system is specialized for lower extremity applications and is used for plantar fascia release, gastrocnemium recession, and tarsal tunnel release.

Cannula contains a proprietary guided track system for releasing the appropriate soft tissues. This system engages with the hand-held instruments for precise manipulation and cutting of the soft tissues.

SafeView™ is compatible using a standard 4mm 30° arthroscope. The independent operation of the scope and cutting blade provides the surgeon with complete control and unparalleled tactile feedback.

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**360° Panoramic Visualization**

Our patent-pending clear cannula technology provides 360° of unmatched visualization and safety. The panoramic visualization provides streamlined identification of neurovascular structures.

The SafeView™ cannula is the industry’s smallest when utilizing a 4mm scope. Surgeons will limit displacement of soft tissues structures and provide the pathway to faster recovery and return to work for their patients.

SafeView™ provides surgeons with more control while reducing surgical complexity.

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**Sterile Packaged and Fully Disposable**

*Endoscopic Soft Tissue Release System*

SafeView™ is packaged sterile, requires no facility processing, reducing costs and time associated with pre and post-operative set management. SafeView™ provides the opportunity to schedule concurrent or consecutive same day surgeries without set limitations or additional capital equipment purchases.

With ergonomically designed instrumentation, and intuitive technique, surgeons can provide their patients with a safe procedure that eliminates uncertainty and restores quality of life.
Tarsal Tunnel Release

1. Pre-operatively mark patient with a surgical skin marker prior to anesthesia to ensure course of patient pain pattern in the tarsal tunnel for clarity in the distal and proximal distribution of nerve entrapment.
   - 1.5cm vertical incision over porta pedis or abductor hiatus. Use Metzenbaum scissors to release superficial fascia overlying the tibial nerve as it dives into the fascial opening of abductor hiatus.
   - Surgeon should release fascia on either side of the conjoined branch of tibial nerves as it passes through the porta pedis/abductor hiatus.
   - Follow course of pain in pre-op or anatomic course of tibial nerve.

2. Dilate the tarsal tunnel space with the sequential dilators.
   - Insertion depth is typically between 8-12cm.

3. Insert the SafeView™ cannula and palpate to position the cannula just proximal to the flexor retinaculum ligament.
   - Maintain posterior pressure on the hub of the cannula to preserve its position beneath the ligament.
   - Optional rasp may be used to clear away synovial tissue.

4. Insert the forward cutting knife through the hub of the cannula.
   - Retract the skin and engage the flexor retinaculum ligament.

5. Insert a 4mm 30 degree standard scope and visualize the ligament.
   - Identify tibial vein just underneath the cannula ensuring that cutting knife will not lacerate the vein or its branches.
   - The tibial nerve and/or artery may or may not be visualized in this step.

6. Skin closure is achieved in the usual fashion.
   - Apply a soft, mildly compressive dressing.
SafeView™ Components

- SafeView™ cannula - 360° transparent visualization
- Built-in guided track system for precise cutting and safety
- Forward cutting blade
- Synovial elevator/rasp
- Sequential dilators

ordering information

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<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tr>
<td>1601.010</td>
<td>SafeView™ Endoscopic Soft Tissue Release Kit</td>
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21st Century Solutions

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