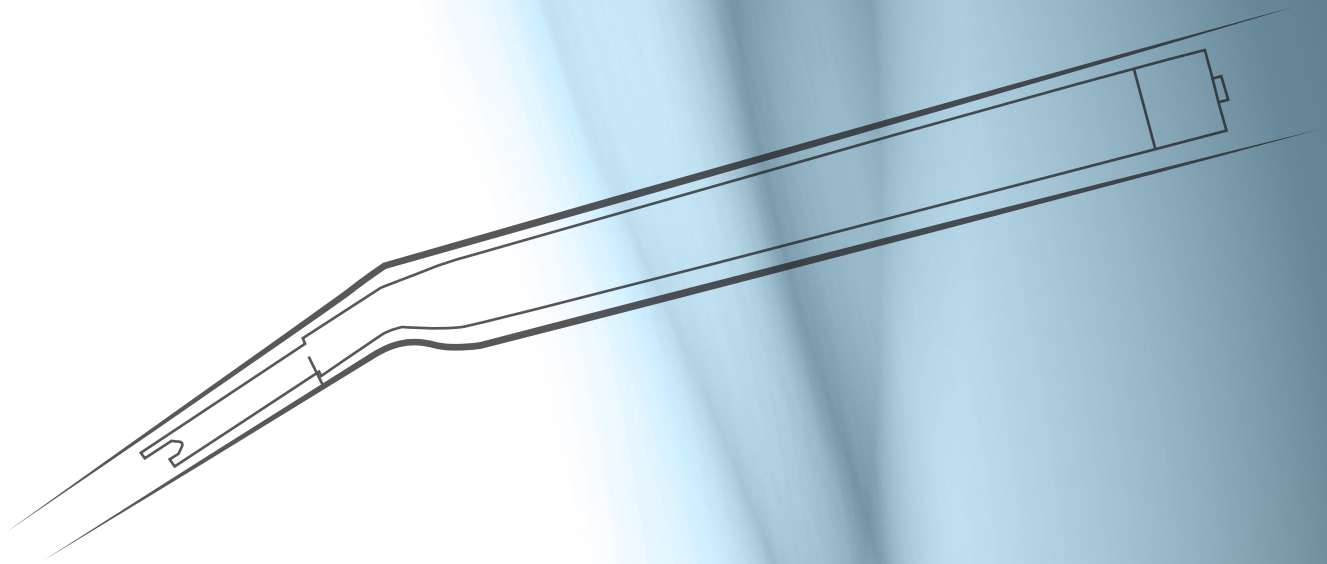


BLADE-X™
CARPAL TUNNEL BLADE



**RELEASE CARPAL TUNNEL
LIGAMENT WITH SAFETY**

“A superior surgical method going beyond just ‘release’ the carpal tunnel.”

The Blade-X™ Carpal Tunnel Blade: An Effective Device Offering Better Results

- ✓ Better Localization with Light Source
- ✓ A Safe Technique
- ✓ Reduce the Risk of Recurrence

1. Better Localization with Light Source

The Blade-X™ Carpal Tunnel Blade has an integrated light source. After turning on, the light tool is pushed ahead gently, with the medical staff blindly directing it toward the third intermetacarpal space and keeping the blade toward the palmar surface of the hand until the tissue resistance decreased suddenly and a sharp-edged spotlight become clearly visible in the palmar region that indicates complete ligament division. A probe then is inserted into the carpal tunnel to make sure that the carpal tunnel is decompressed completely. This source the medical staff to see the location of the blade within deep tissues exactly by transillumination.¹

¹ Cellocco P, Rossi C, Bizzarri F, et al. Mini-open blind procedure versus limited-open technique for carpal tunnel release: a 30-months follow-up study. J Hand Surg Am 2005; 30:493–9.

2. A Safe Technique

The Blade-X™ Carpal Tunnel Blade offers a safe process, with its blunt skids which protects the median nerve and the motor branch of the median nerve. The palmar branch of the cutaneous median nerve, lying on the radial side of the Carpal Tunnel, that is protected also.¹

3. Reduce the Risk of Recurrence

Usually, TCL requires many attempted cuts, such as using the scissors or the endoscope, which may risk fraying remnants with the rough edge of TCL. The Blade-X™ Carpal Tunnel Blade offers a promising result of complete detachment and the smooth cutting edge did not fray any remnants. The recurrence risk is reduced with cutting edge smoothly and without fraying remnants of TCL and both edges.²

² Liawrungueang, W., & Wongsiri, S. (2020). Effectiveness of Surgical Treatment in Carpal Tunnel Syndrome Mini-Incision Using MIS-CTS Kits: A Cadaveric Study. Advances in orthopedics, 2020, 8278054. <https://doi.org/10.1155/2020/8278054>





BLADE-X™

CARPAL TUNNEL BLADE

MVERA
medical devices



Indications

The Blade-X™ Carpal Tunnel Blade is intended for use in adults and pediatric patients diagnosed with carpal tunnel syndrome that is not associated with, or secondary to, any other known pathology (i.e., “idiopathic” carpal tunnel syndrome). Preoperative x-rays of the wrist, including a carpal tunnel view, are recommended to aid in the diagnosis of associated pathology (i.e., Calcific tendonitis, fracture of the hook of the hamate). During the carpal tunnel syndrome, which is a common condition that causes pain, numbness, and tingling in the hand and arm, the condition occurs by one of the major nerves to the hand – the median nerve – being squeezed or compressed as it travels through the wrist. In most patients, carpal tunnel syndrome gets worse over time, so early diagnosis and treatment are important. Early on, symptoms can often be relieved with simple measures like wearing a wrist splint or avoiding certain activities.

If pressure on the median nerve continues, however, it can lead to nerve damage and worsening symptoms. To prevent permanent damage, surgery to take pressure off the median nerve may be recommended for some patients.

This device is indicated for releasing the transverse carpal ligament (flexor retinaculum). It is a manual surgical instrument used for the release of the carpal tunnel ligament. It features an integrated light source to illuminate the surgical site which allows for a minimally open technique with minimal disturbance of surrounding tissue.

MAVERA®

m e d i c a l d e v i c e s

BEYOND FROM WITHIN™

Product Overview
Blade-X™ Carpal Tunnel Blade with light (Sterile, Single-use)
Product List Ref No
CTB-CTBL-S

Disclaimer

A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Maverera Medical Devices Inc. does not dispense medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery. A surgeon must always refer to the package insert, product label and/or instructions for use before using any Maverera Medical Devices Inc. product. Products may not always be available in all markets in a similar capacity due to the local regulatory and/or medical practices. It is advised that you contact a Maverera representative if you have questions about Maverera products. Blade-X™ is a Registered Trademark of Maverera Medical Devices Inc.

Maverera Medical Devices Inc. guarantees that the products are designed, manufactured and packaged on application of the EN ISO 13485 certified quality management with all possible care, using the most suitable state-of-the-art processes and applying the principle of integrating safety into its design and manufacture. This system is designed to guarantee the safe use of device when it is employed under condition and for the purposes for which it is intended, in accordance with precautions described in the operator's manual and/or instructions for use and to minimize the risks associated with the use of the device as far as possible, although they cannot be totally eliminated. The device must only be used under the responsibility of specialist medical personnel, taking account of the unavoidable risks and the possible side effects and complications of the treatment for which, it is designed, including those referred to in other sections of these instructions for use.
U.S. and foreign patents pending


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 MAVERA MEDICAL DEVICES INC.

 Yeşilbayır Mahallesi Sağduyu Caddesi 107/C
Mamak/ Ankara-TURKEY

 +90 312 341 50 27
 +90 312 341 50 26

 www.maveramedical.com.tr