

 **SERVImed**  
 **iROMED Group**

**CXL**

CORNEAL CROSS-LINKING

Y  
CARO



# SERVIMED'S NEW AND IMPROVED CROSS-LINKING SYSTEM

## VERSATILE OPEN SYSTEM

- 10" TOUCHSCREEN DISPLAY
- INTEGRATED CAMERA
- UV POWER: 1-30 mW/cm<sup>2</sup>
- CONTINUOUS AND PULSED
- 3-12 mm ADJUSTABLE DIAMETER
- LOCKING WHEELS
- MULTI-POINT ARM LOCKING

## WIDE TREATMENT RANGE

- DRESDEN EPI-OFF; STANDARD EPI-ON;
  - IONTOPHORESIS; ACCELERATED; USER
  - PRESETS; KERATITIS; CUSTOM FAST CXL\*
- (\*only with RIBOCROSS te® and RIBOFAST)

## ALWAYS CONNECTED

- LAN AND WIFI READY
- TREATMENT REPORT ARCHIVE
- USB STORAGE AND PRINT
- REMOTE ASSISTANCE

## OUR EXCLUSIVE CUSTOMIZED CXL TREATMENT

### CUSTOMIZED

- Topo-pachimetric guided treatment
- Customized procedure parameters
- Non invasive EPI-ON technique
- Endothelial safeguard with no additional soaking needed
- Suitable for thin corneas

### INNOVATIVE

- Vitamin E TPGS – enhanced riboflavin for improved corneal penetration with safe and effective results

### PEER-REVIEWED

- Multiple peer-reviewed publications [1-8]
- 7-year follow-up published on Cornea [7]



# RIBOFLAVIN SOLUTIONS ENHANCED BY VITAMIN E TPGS



## RIBOCROSS te

Patented formulation of Riboflavin 0.1% with penetration enhancer (Vitamin E TPGS) & 10% Dextran

## RIBOFAST

Dextran free, patented formulation of Riboflavin 0.1% with penetration enhancer (Vitamin E TPGS)

### PATENTED

Innovative formulations with Vitamin E TPGS as penetration enhancer.

### HIGH PERFORMANCES

Improved and faster corneal penetration thanks to Vitamin E TPGS [1].

### VERSATILE

Can be used with most CXL protocol and UV devices on the market.

### EXCLUSIVE

The only riboflavin solutions for Custom Fast CXL protocol (only with CF X-LINKER System).

- 1) "Enhancement of corneal permeation of riboflavin-5'-phosphate through vitamin E TPGS: A promising approach in corneal trans-epithelial cross linking treatment". Inter J Pharm 440 (2013) 148- 153.
- 2) "Transepithelial Corneal Cross-Linking With Vitamin E-Enhanced Riboflavin Solution and Abbreviated, Low-Dose UV-A: 24-Month Clinical Outcomes" Cornea 2016;35:145-150.
- 3) "Corneal Cross-Linking: Evaluating the Potential for a Lower Power, Shorter Duration Treatment" Cornea 2016;35:659-662.
- 4) "Customized Corneal Cross-linking - A Mathematical Model" Cornea 2017;36:600-604.
- 5) "Corneal Cross-Linking - The Science Beyond the Myths and Misconceptions" Cornea. 2019 Jun;38(6):780-790.
- 6) "Topography and Pachymetry Guided, Rapid Epi-on Corneal Cross-Linking for Keratoconus: 7-year Study Results" Cornea 2020;39:56-62.
- 7) "Compaction of very thin corneas from ultraviolet A riboflavin-vitamin E transepithelial cross-linking" Experimental Eye Research 205 (2021) 108484.
- 8) "Topo-pachimetric accelerated EPI-ON cross-linking compared to the Dresden protocol using riboflavin with Vitamin E TPGS: results of a 2-year randomized study" J. Clin. Med. 2021, 10, 3799.



1,5 ml single use sterile syringe



Class IIA Medical Devices

**PATENTS:** Italy, Europe, USA, Russia, Australia, South Africa, Brazil.



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