**Bibliography**

1) “Evaluation of the penetration through human cornea of riboflavin 0.1% in solution with other molecules after trans-epithelial application” 1st EuCornea Congress, June 17-19 2010, Venice, Italy.


Corneal Cross-linking System
CF X-LINKER® system allows to select different corneal cross-linking treatments, giving medical professionals the maximum flexibility, to meet every patient's needs.

Selectable Protocols
- EPI-OFF CXL: Dresden Protocol
- Iontophoresis CXL
- EPI-ON CXL: Custom Fast Corneal Cross-linking (CFXL Megaride)*
- CKL for non-healing keratitis treatment
- CKL per stabilizzazione corneale nella chirurgia refrattiva
*only with RIBOCROSS® and RIBOFAST® ophthalmic solutions.

Optimized user experience
- Touchscreen display with easy to use interface
- Battery operated
- Treatment report for archiving and medico-legal purposes

Treatment Indications
- Keratoconus
- Corneal ectasias
- Post PRK/LASIK/RK ectasias
- Irregular astigmatism
- Keratitis
- Pellucid Marginal Degeneration

Purposes
- Stabilize and stop keratoconus' progression
- Corneal profile improvement
- Corneal biomechanics improvement
- Aberration improvement
- Visual improvement

Patented solutions for every CXL protocol
SERVmed developed patented formulations, tat can be used in all Corneal Cross-linking protocols with every device on the market.

RIBOCROSS
Hypotonic solution with Vitamin E TPGS and Dextran.
- Can be used in both EPI-ON and EPI-OFF
- Patented (CE 0373, European and US Patent)
- FDA Orphan Drug
- FDA phase 1 ongoing

High performances, proven results
Clinical studies showed that RIBOCROSS® allows for an effective riboflavin penetration in corneal stroma, even in EPI-ON protocols, after only 15 minutes of soaking. Thanks to its unique patented formulation, RIBOCROSS® showed great results in stabilizing corneal ectasias, even in EPI-ON cross-linking treatments.

RIBOFAST
Isotonic solution with Vitamin E TPGS.
- Dextran Free
- Patented (CE 0373, European and US Patent)

Unique protocol: Custom Fast CXL
- Customized fast EPI-ON, with modulated low intensity beam
- Endothelial limit safeguard
- 15 minutes soaking with RIBOCROSS/RIBOFAST, for the maximum protection and effectiveness
- Can be used on thin corneas
- Doesn't require the operating room
- Follow-up without haze or pain
- CFXL Megaride, only with CF X-LINKER + RIBOCROSS/RIBOFAST