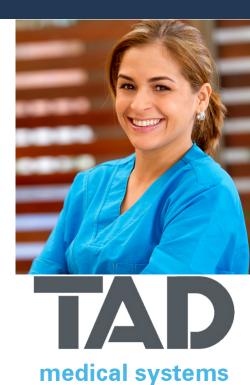


The new Corneal Cross Linking (CXL) System by TAD - the developer and manufacturer of the first commercially marketed CXL System

For therapy of

- Keratoconus
- Ectasia after Lasik
- infectious Keratitis

Corneal Cross Linking (CXL) System



The new Corneal Cross Linking (CXL) System by TAD

Uncomplicated in the usage, the TAD CXL makes for safe treatment of Keratoconus through collagen crosslinking using Riboflavin and UVA exposure (Wave length 365 nm)

Preselection for continuous illumination intensity

from 3 mW/cm² up to 30 mW/cm²

Automatic calculation and time adjustment with full energy, 5400 mJ, enables exact adherence to the "Dresdner Protokoll".

Appropriate treatment time is between

- 30 Minutes (using illumination intensity 3 mW/cm²)
- 3 Minutes (using illumination intensity 30 mW/cm²)

Lasik Mode

Setting the illumination energy to half (2700 mJ) reduces the treatment time to between

- 15 Minutes (using illumination intensity 3 mW/cm²)
- 90 Seconds (using illumination intensity 30 mW/cm²)

Treatment modes

- Continuous, Interval and Pulsed radition (adjustable pause, a signal tone indicates if a renewed application of Riboflavin solution is needed)

Power monitor

- Integrated, continuously monitored, power setting
 Beam size diameter
- Spot diameter for treatment from 3 mm up to 16 mm **Aim beam**
- Focus enabled using 3 green LEDs
- Red LED fixation point



Wavelength: 365 nm

Light emission intensity: gradual adjustment from 3 – 30 mW/cm²
Working distance: 50 mm ± 5 mm
Treatment modes: "Continuous" or "pulsed" (Pulse duration is adjustable –

Signal tone)

Spot size diameter (continuously adjustable aperture):

3 mm – 16 mm

Timer: Automatic time calculation according to the light intensity setting

Electrical power:

100 - 240 V, 50/60 Hz

Parameters are displayed with all relevant information on the screen Homogenous beam profile across the entire cross-section

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