The world leader in corneal cross-linking science and technology
Why Lasik Xtra Cross-Linking for Lasik?

- Strong refractive error (-6D or Greater)
- Hyperoptic LASIK
- LASIK in patients younger than 22 years of age
- Thin cornea, less than 480μm preoperatively
- Borderline topography between LASIK and PRK
- Lasik Enhancement
- Unexpected thick flap

*The KXL™ System is not approved for sale in the US.*
Energy is Dependent on Power & Time

30 Min Exposure
Typical UVA Light Source

3 mW/cm² x 30 min UVA

Vs.

2 Min Exposure
Avedro KXL System

45 mW/cm² x 2 min UVA

5.4 J/cm²
Energy on Cornea

15 x Slower

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Lasik Xtra, Practical *Only* With the KXL System Because …

- Highest power available
- Fastest procedure time
- Superior top hat beam profile
- Wireless alignment
- Stable delivery platform
- VibeX Xtra™ Riboflavin

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Depth of Focus …A Key to Performing Lasik Xtra

Narrow Depth of Focus Device

Vs.

Broad Depth of Focus Device

At Focus

+5mm Out of Plane

-5mm Out of Plane

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March 2012

First and only company to submit a cross-linking NDA to FDA

VibeX™/KXL™ System for the treatment of keratoconus and ectasia following refractive surgery

April 2012

Initiated 100 site study for accelerated cross-linking

In conjunction with ACOS to treat eyes with keratoconus or corneal ectasia after refractive surgery
<table>
<thead>
<tr>
<th>Name</th>
<th>Formulation</th>
<th>Procedure</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>VibeX™</td>
<td>0.1% Riboflavin 20% Dextran</td>
<td>Cross-Linking for Keratoconus &amp; Post-Lasik Ectasia</td>
<td>Epi-Off</td>
</tr>
<tr>
<td>VibeX Rapid™</td>
<td>0.1% Riboflavin HPMC</td>
<td>Cross-Linking for Keratoconus &amp; Post-Lasik Ectasia</td>
<td>Epi-Off</td>
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<tr>
<td>ParaCef™</td>
<td>0.25% Riboflavin HPMC, BAC EDTA, TRIS</td>
<td>Cross-Linking for Keratoconus &amp; Post-Lasik Ectasia</td>
<td>Epi-On</td>
</tr>
<tr>
<td>VibeX Xtra™</td>
<td>0.25% Riboflavin Saline</td>
<td>Lasik Xtra for Corneal Strengthening During Lasik</td>
<td>Stromal Bed</td>
</tr>
</tbody>
</table>

None approved for sale in the US.