

## Refraction Impossible !!!!

### New Update for the Cornealring On-Line Nomogram

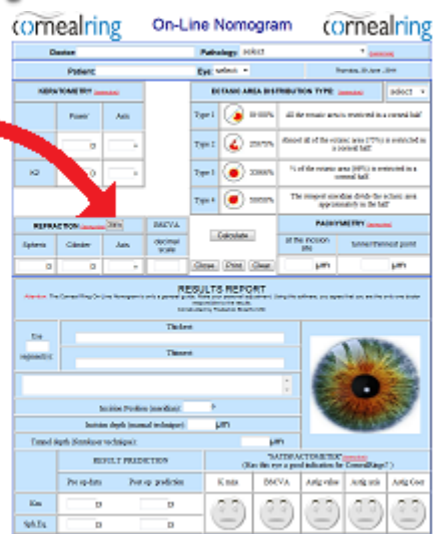
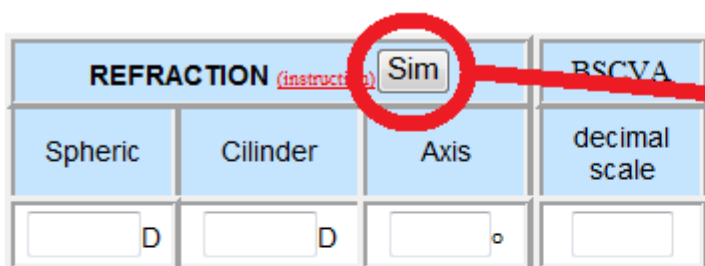
**Problem:** In many cases, is impossible to make a good and reliable refraction in a patient with keratoconus. This patient may be unable to determine if the better lens is a -4 D or a -8 D. Therefore, it is dangerous and unreliable to use a nomogram based only or mainly on refraction. So, the Cornealring On-Line Nomogram was built based mainly on keratometry. However, the refraction can refine or improve the selection of the most appropriate segment for a particular case.

**The question is:**

**"What to do when the refraction is impossible?"**

**Solution:** The eye works with principles of optical physics, such as a camera. Thus, analyzing the curvature of the cornea, and assuming that the length of the eye is the usual, we can infer about the possible refraction of the eye. To make this calculation, just press the "Sim" button at the Nomogram.

**Important: this tool should only be used if the Refraction is Impossible in practice**



**Sim** = Button: Refraction Simulation