

**essilor**

**CUSTOM CONTACT LENS  
SPECIALISTS**



# **Limbal Trial Lens**

## **Fitting Guide**



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### LENS DESIGN & SELECTION

- **Topography**

- The top half of the topography will usually be fairly spherical and flat. Determine the mean curvature of the flat area above center and select the next flatter base for the initial trial.

- **Empirical**

- If there is no disturbance of the cornea, the first selected trial lens should be 1.25d flatter than the central cornea. This has to be tempered by what is happening in the central cornea. You can look at the other eye for help with the curve or range of curves to be in.

- **Trial Lens**

- Select a lens that is in the middle of the set and then move flatter or steeper by fluorescein examination.

- **Fluorescein**

- The fluorescein pattern will be surprisingly regular if the correct base curve is chosen. On a pellucid cornea, there will always be some extra edge standoff at the bottom, but it should not hold a bubble and the tear exchange needs to be adequate. This lens should be fit as flat as possible without bearing centrally.