

Case #3: Left Keratoconus

Patient: 59 year old male

Diagnosis: Left keratoconus

Current Status

Spectacles: unable to tolerate anisometropia

Contact lenses: Wearing LE piggyback system as unable to tolerate corneal RGP lenses. Struggles with irritation after a few hours wear and visual acuity limited (BCVA 0.34LogMAR)

Mean corneal curvature (from topography): LE: 7.04mm

Fitting Sequence ROSE K2 Soft (LE)

TRIAL LENS	FITTING CHARACTERISTICS
8.20 : 14.80	Movement 1mm after settling, slight indentation of the nasal conjunctiva by lens edge, slight nasal rotation of laser mark
8.40 : 14.80	Movement 1mm after settling, alignment fitting on conjunctiva, vertical laser mark

Comments: There was a significant improvement in visual acuity with the Rose K2 Soft lens in comparison to the piggyback system.

Final lens: 8.40 : 14.80 : +1.00 / -3.00 x 170, visual acuity 0.00LogMAR

Summary

Patient L presented with poor tolerance of spectacles due to anisometropia and an unsatisfactory current contact lens situation. ROSE K2 Soft was fitted successfully to the left eye. The patient was “amazed” by the comfort and wearability of the lens in comparison to his previous system and the unexpected gain in visual acuity was a bonus. He also much prefers the simplicity of a single lens system.

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