

Keratoconus

**Clue:**

## Contact Lens Considerations

### Instability with toric soft lenses

Corneal ectasia causes irregular astigmatism, which makes correction in toric soft contact lenses difficult. If fit and vision are unstable, consider keratoconus screening.

### Improved clarity with rigid contact lenses

If rigid gas-permeable, hybrid, or scleral lenses significantly improve vision compared with glasses or soft contact lenses, it might be due to an irregular cornea or keratoconus.

### Corneal molding effect

Rigid lenses that touch the cornea may temporarily flatten the cornea. Topography taken immediately after lens removal may not be accurate and might mask keratoconus progression.

*"While soft lenses may work well for early keratoconus, specialty lenses are typically required to achieve best corrected vision in more advanced cases. With early detection and treatment to minimize progression, quality of vision might be preserved with even glasses or soft contact lenses."*

—Dr Chiu, iDetective

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