

Keratoconus

**Clue:**

## Unusual Keratometry (K)

**Steepest K >47.00 diopters (D)  
or radius of curvature <7.2 mm**

Average steep K is 43.00-43.50 D. Once steep K is >47.00 D, ectasia should be suspected.

### **Error messages on auto-keratometry**

An error message occurs when the auto-keratometer cannot accurately read an abnormal cornea, corneal distortion may be the culprit.

### **Difference of $\geq 2.00$ D between K1 (flat K) and K2 (steep K)**

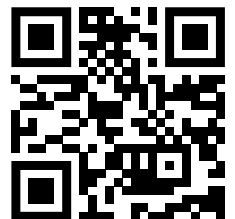
Difference in Ks points to corneal astigmatism. Corneal astigmatism  $\geq 2.00$  D correlates to a higher prevalence of keratoconus, which warrants topo-tomography.

*“Keratometry/auto-keratometry is a keratoconus diagnostic tool available in almost every optometric practice. Watch out for K values >47.00 D, keratometry mire distortion or auto-keratometer error messages, ocular asymmetry between K values, and keratometry values increasing >1.00 D between visits.”*

—Dr Ibach, iDetective

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It's time to  
**#FollowTheClues**



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