

Keratoconus

Clue:

Abnormal Slit Lamp Examination

Fleischer ring

Fleischer ring is an iron ring within the epithelium at the base of the cone. It is brown in color and best visualized using the cobalt blue filter.

Vogt striae

If you suspect keratoconus, look for vertical lines within the posterior stroma or Descemet membrane.

Stromal thinning

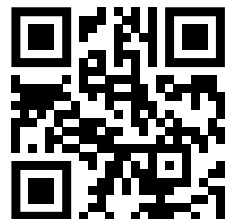
Stromal thinning is often present in the cone. It may initially be subtle, but it can become more pronounced over time.

“In the CLEK study of 1209 KC patients, 86% of the subjects presented with a Fleischer ring; 65% with Vogt striae; and 53% with scarring. If any of these are seen, suspect keratoconus. Munson sign (protrusion of the lower eyelid upon downgaze) generally does not manifest until severe keratoconus, if at all.”

—Dr Gromacki, iDetective

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It's time to
#FollowTheClues



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