

KERATOKONUS

Zdravko Beljan, Mr.Sc.

Zagreb, 23. rujna 2017.

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- *Grč.: Kéras (rožnica) + Lat.: Cōnus (stožac)*

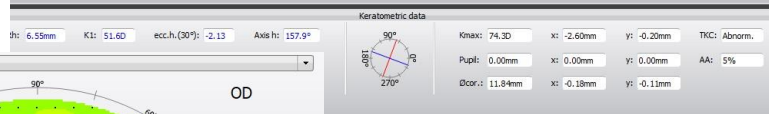
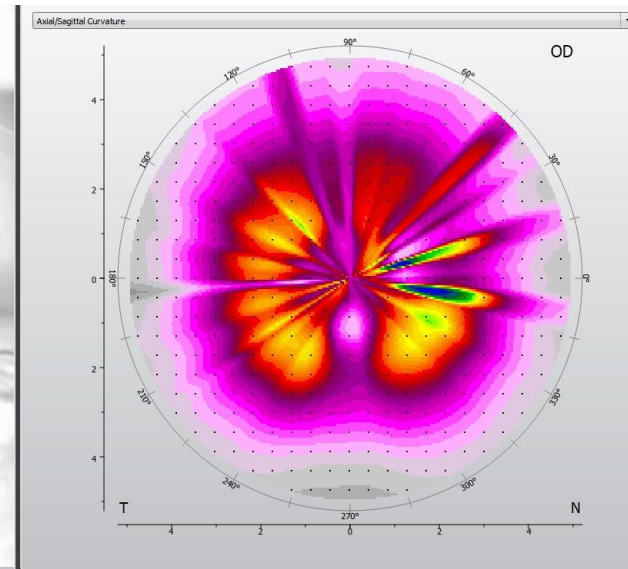
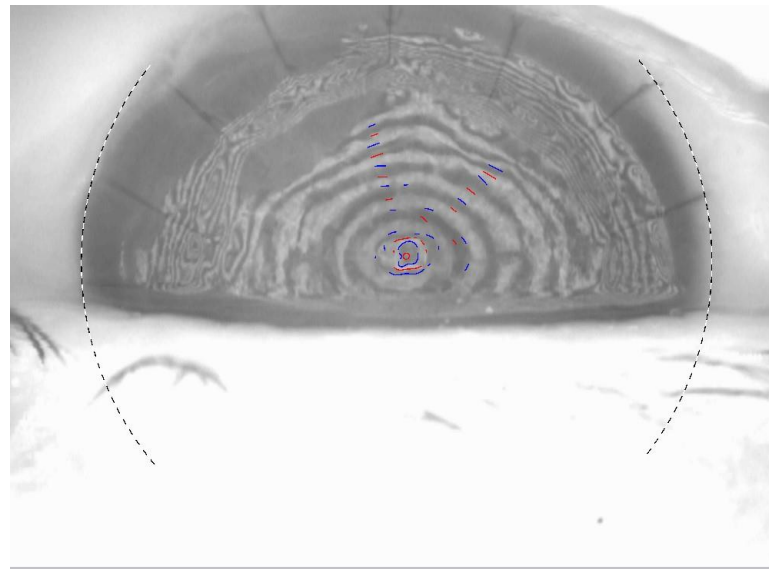


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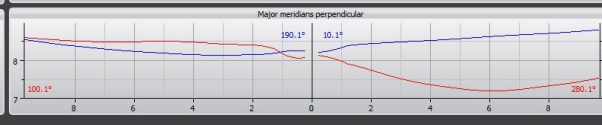
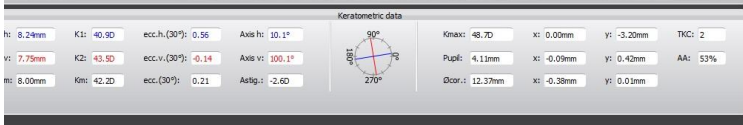
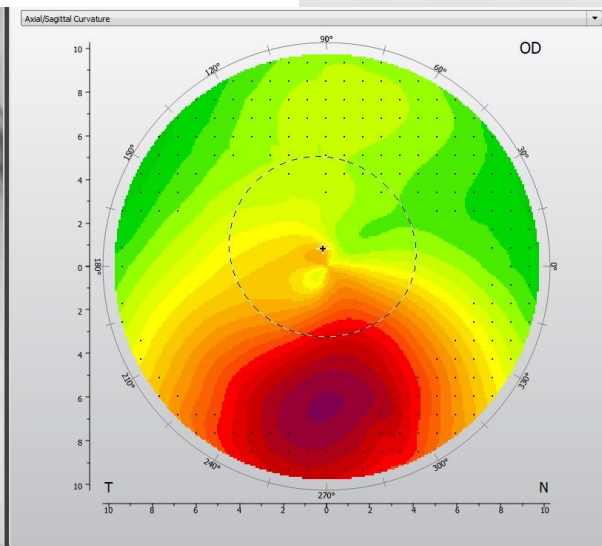
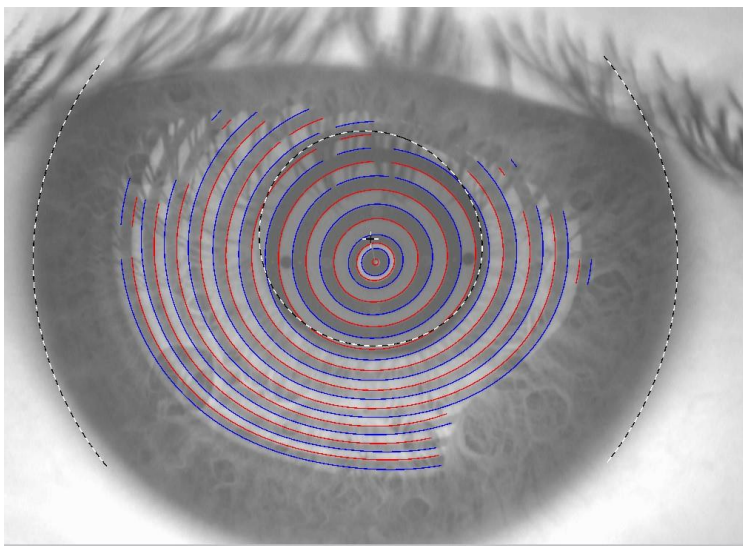
- Incidencija: 1 na 2000, u nekim izoliranim populacijama i veća
- Nastup: u kasnom djetinjstvu ili u ranoj odrasloj dobi
- Uzrok nastanka nije jasan
- Genetika: do sada je pronađeno 6 gena koji su vezani na KK

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- Obiteljski slučajevi:

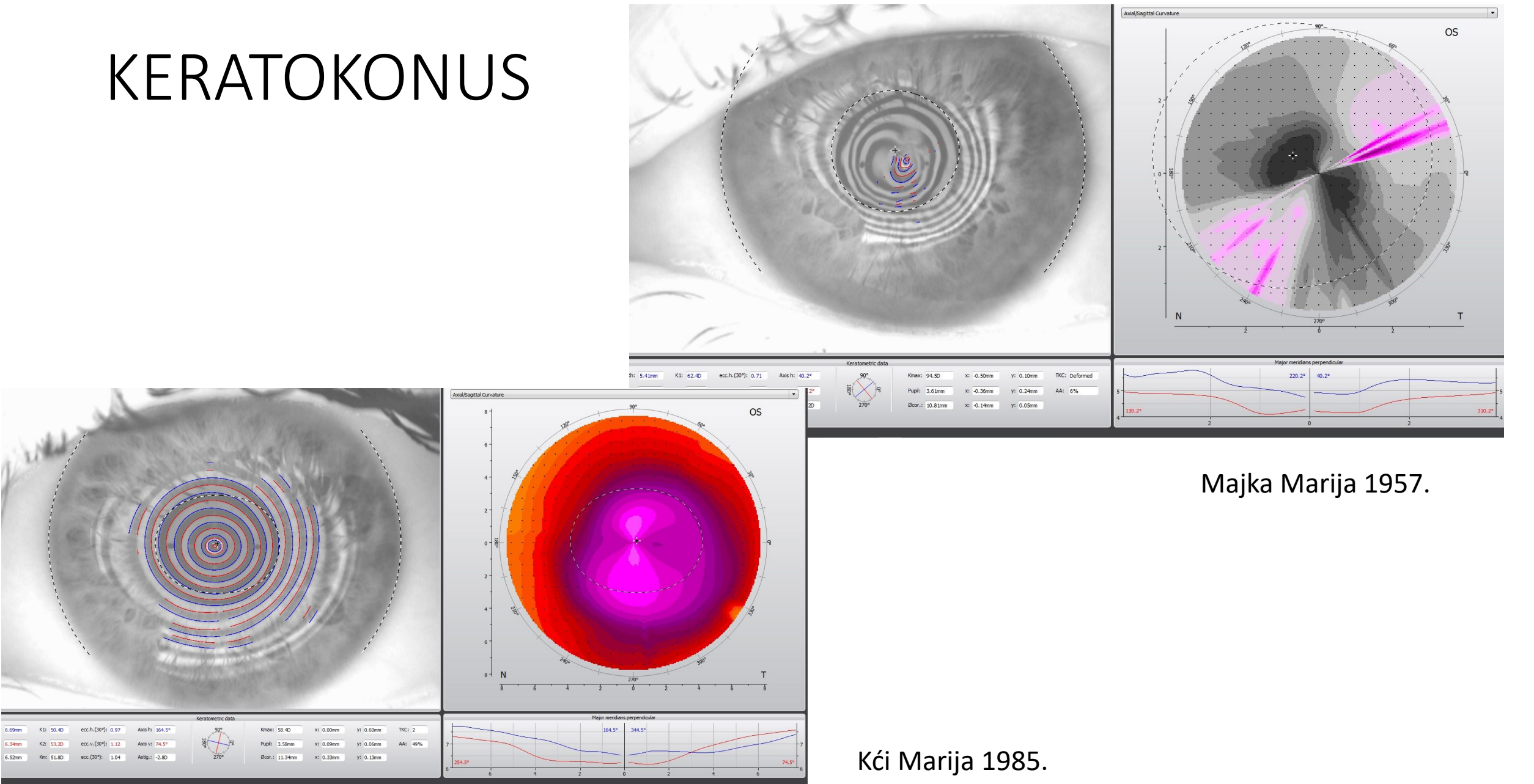


Otac Mato, 1948.



Sin Tomislav, 1982.

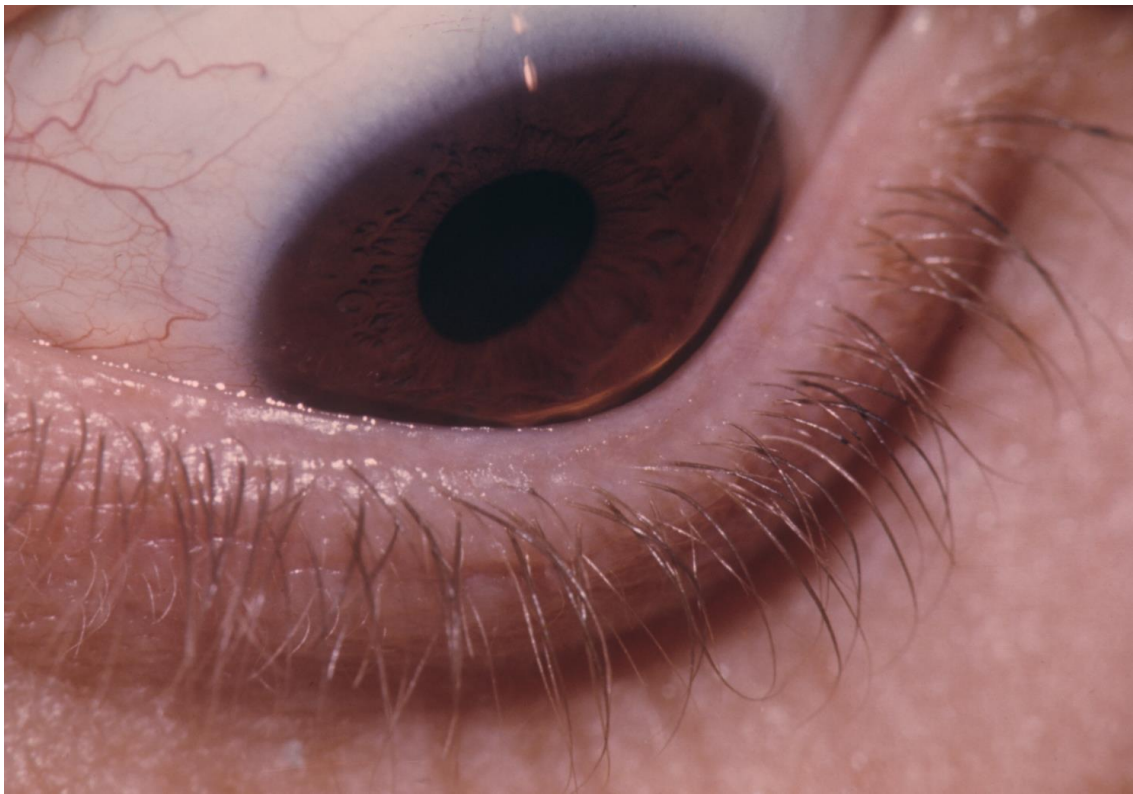
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Majka Marija 1957.

Kći Marija 1985.

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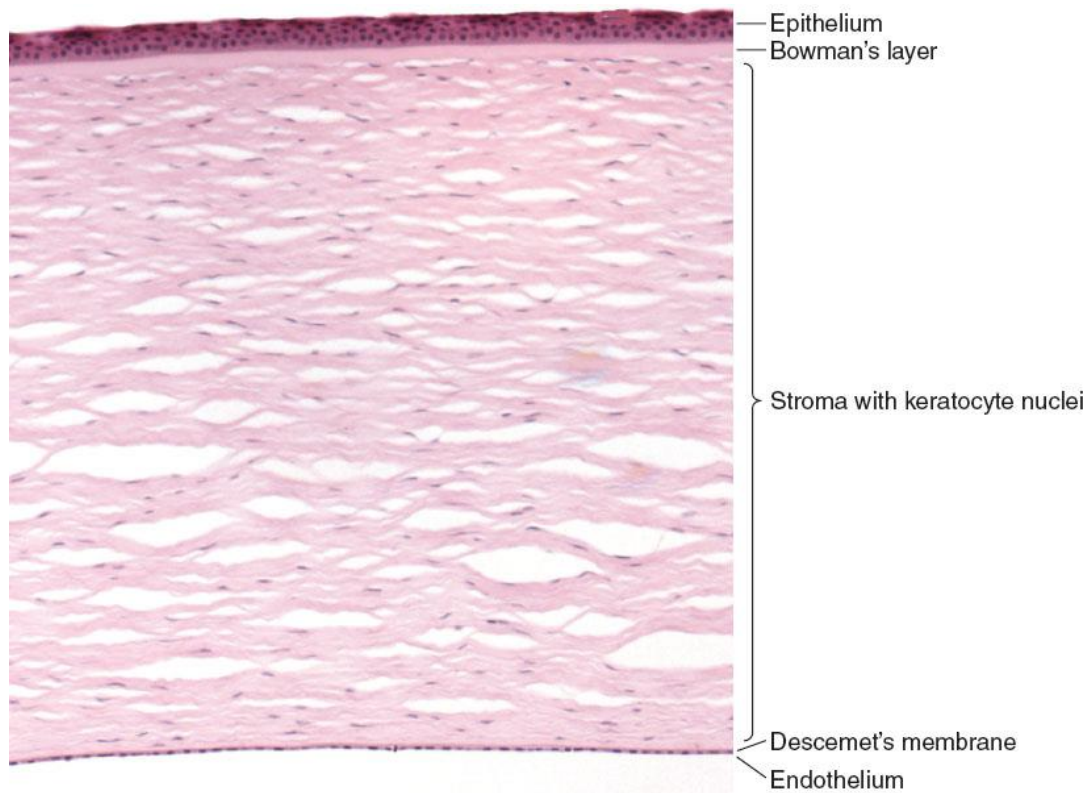


Munsonov znak

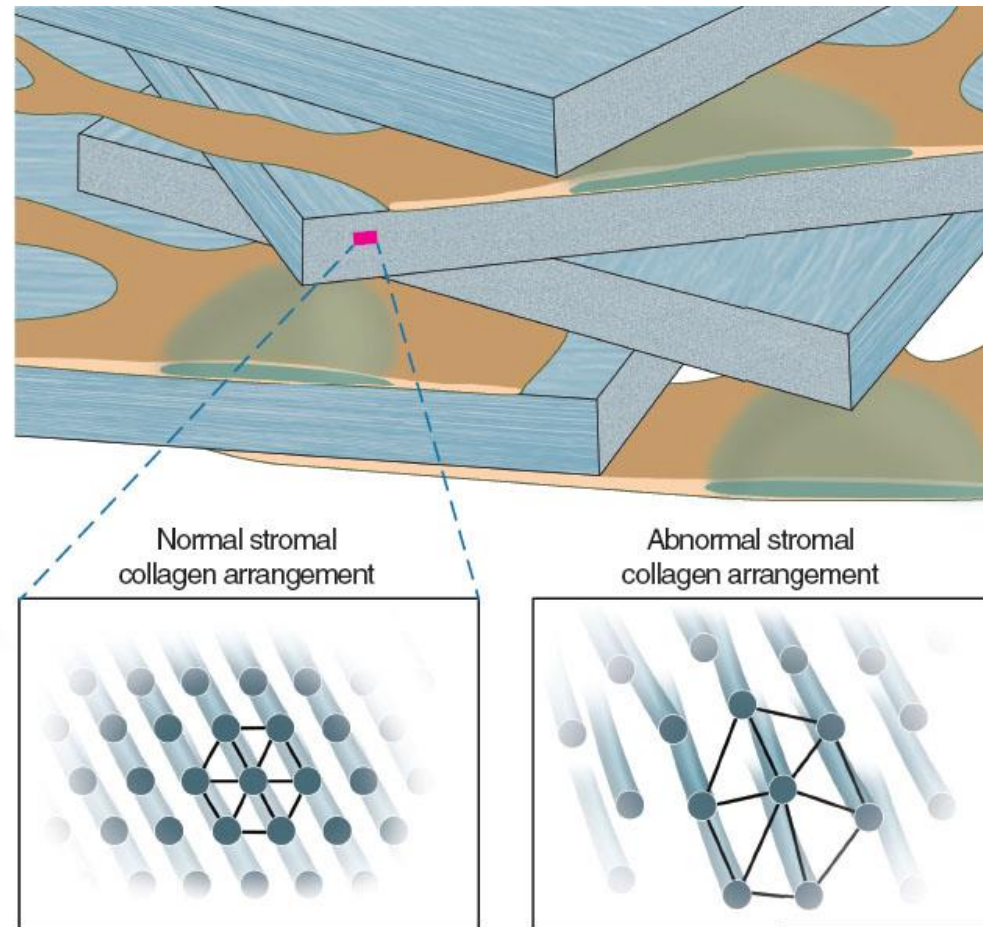


Napredni stadij keratokonusa

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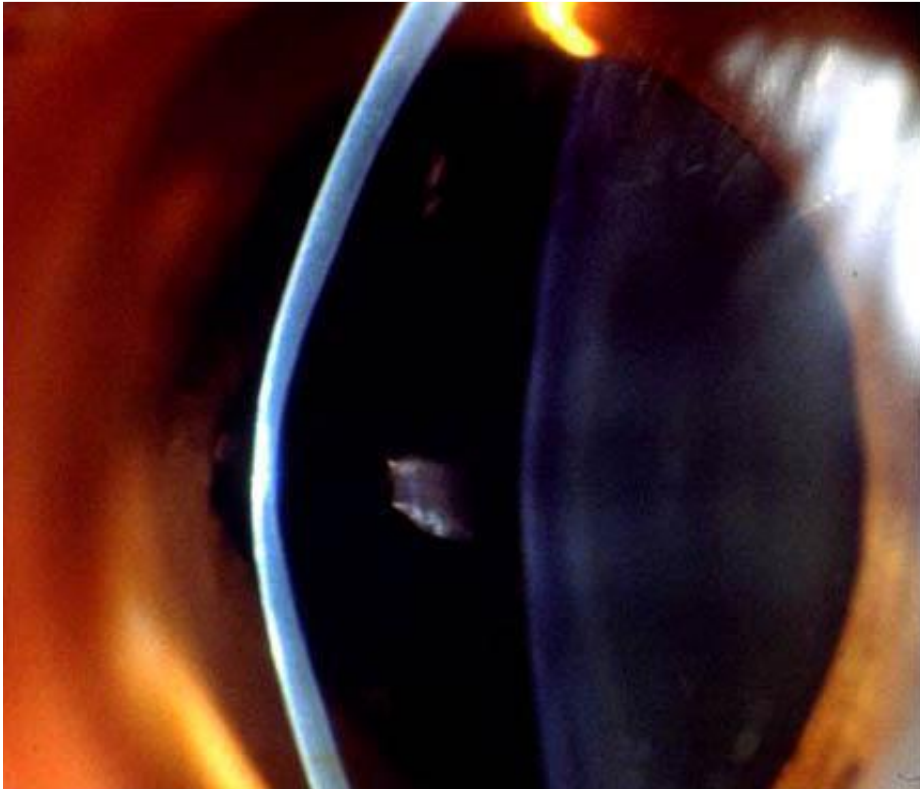


Slojevi rožnice

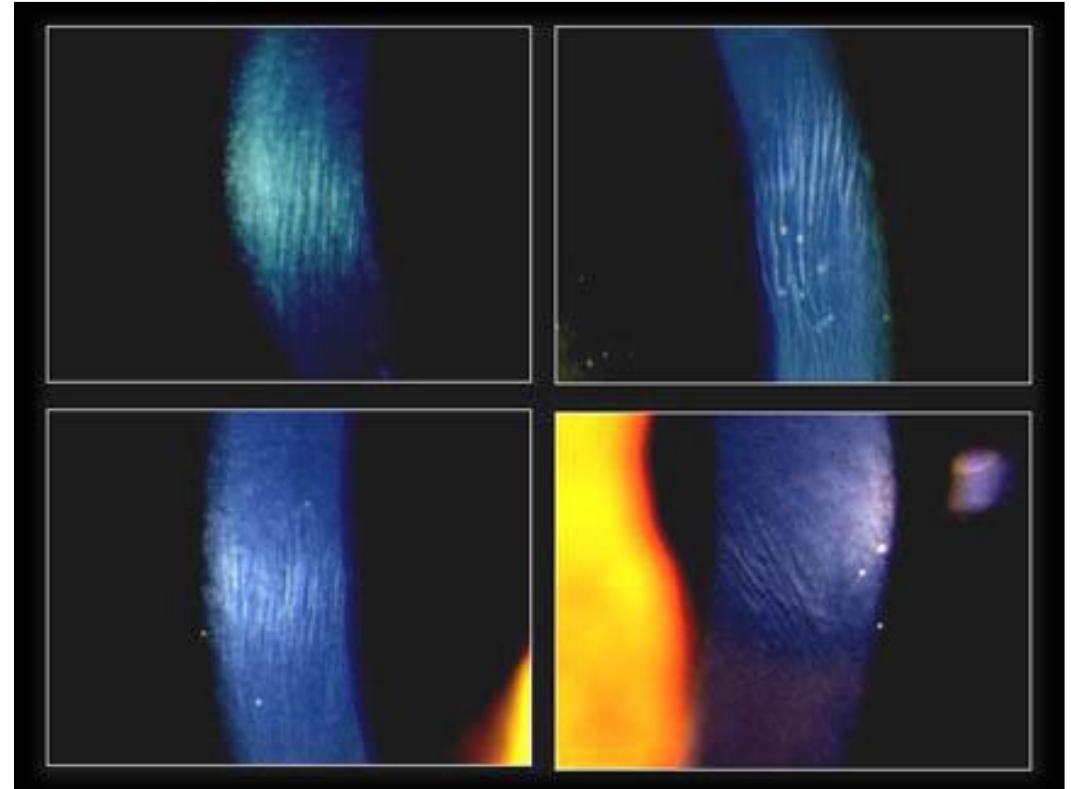


Raspored kolagenih vlakana u rožnici

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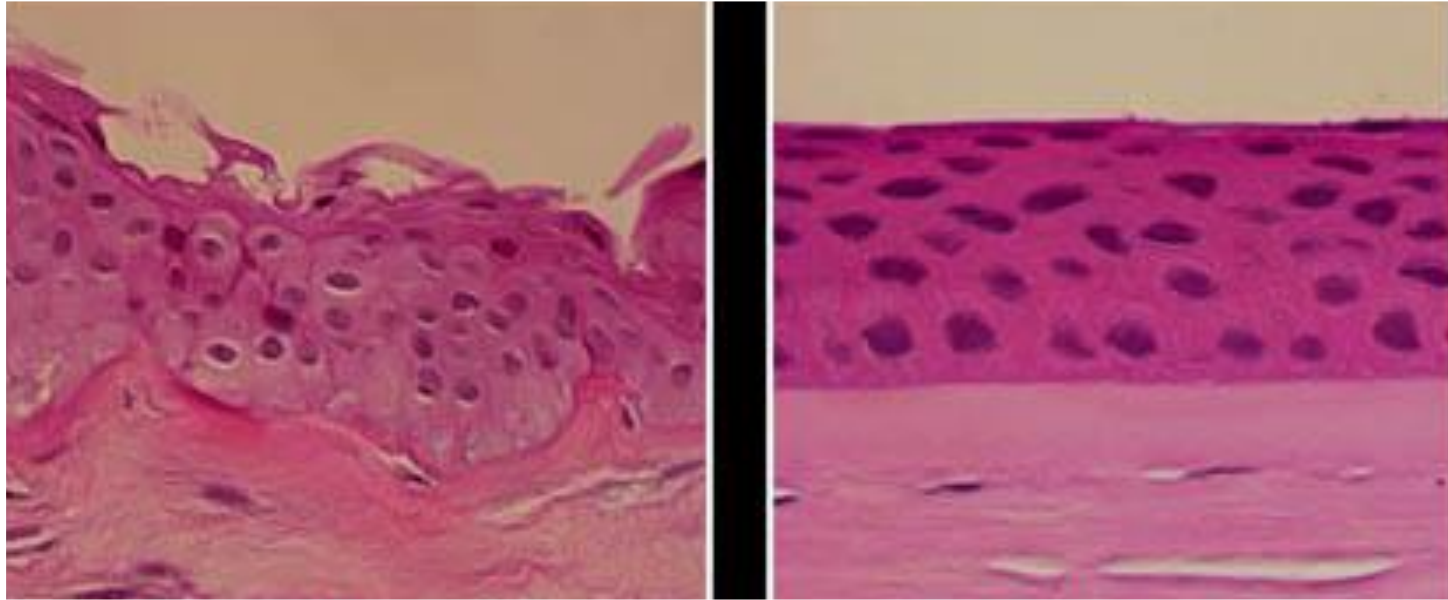


Optički presjek na KK rožnici



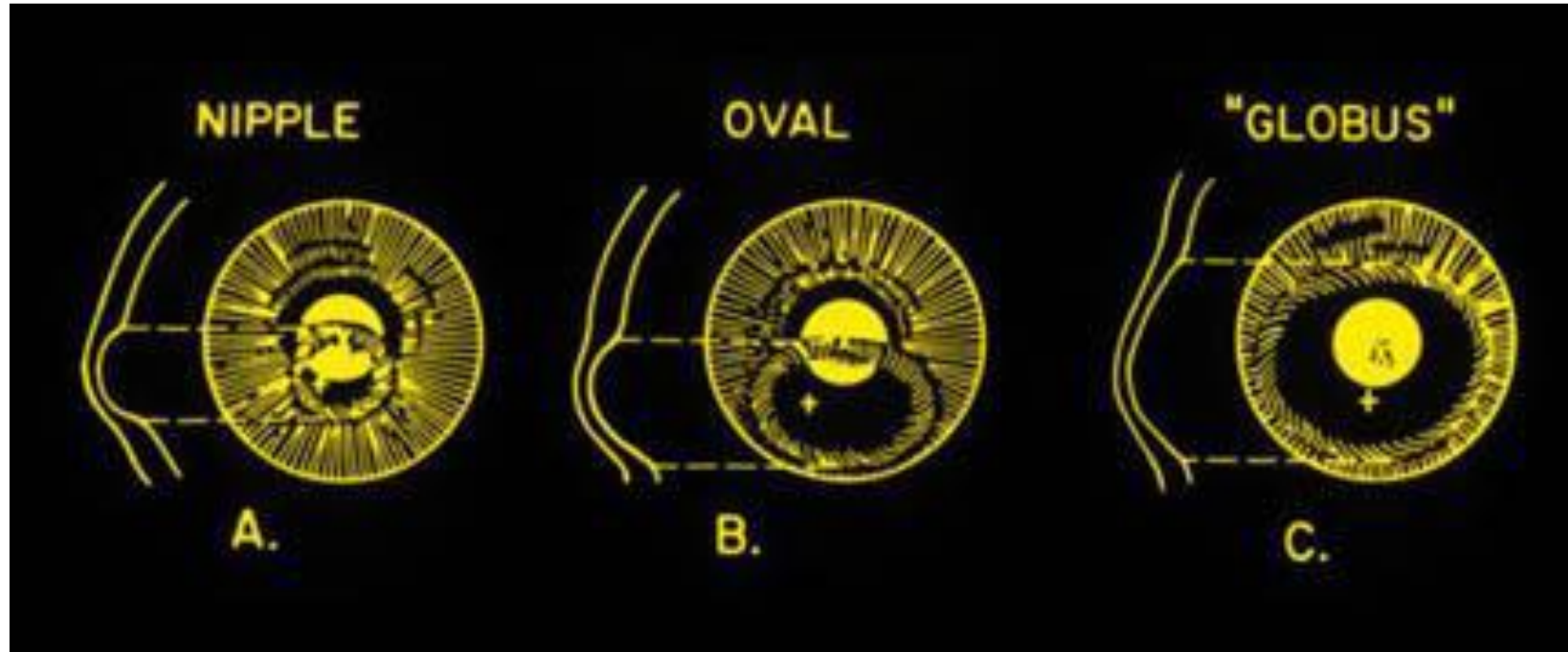
Vogtove strije, nalaze su u Descementovoj membrani

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Destrukcija epitela rožnice kod KK

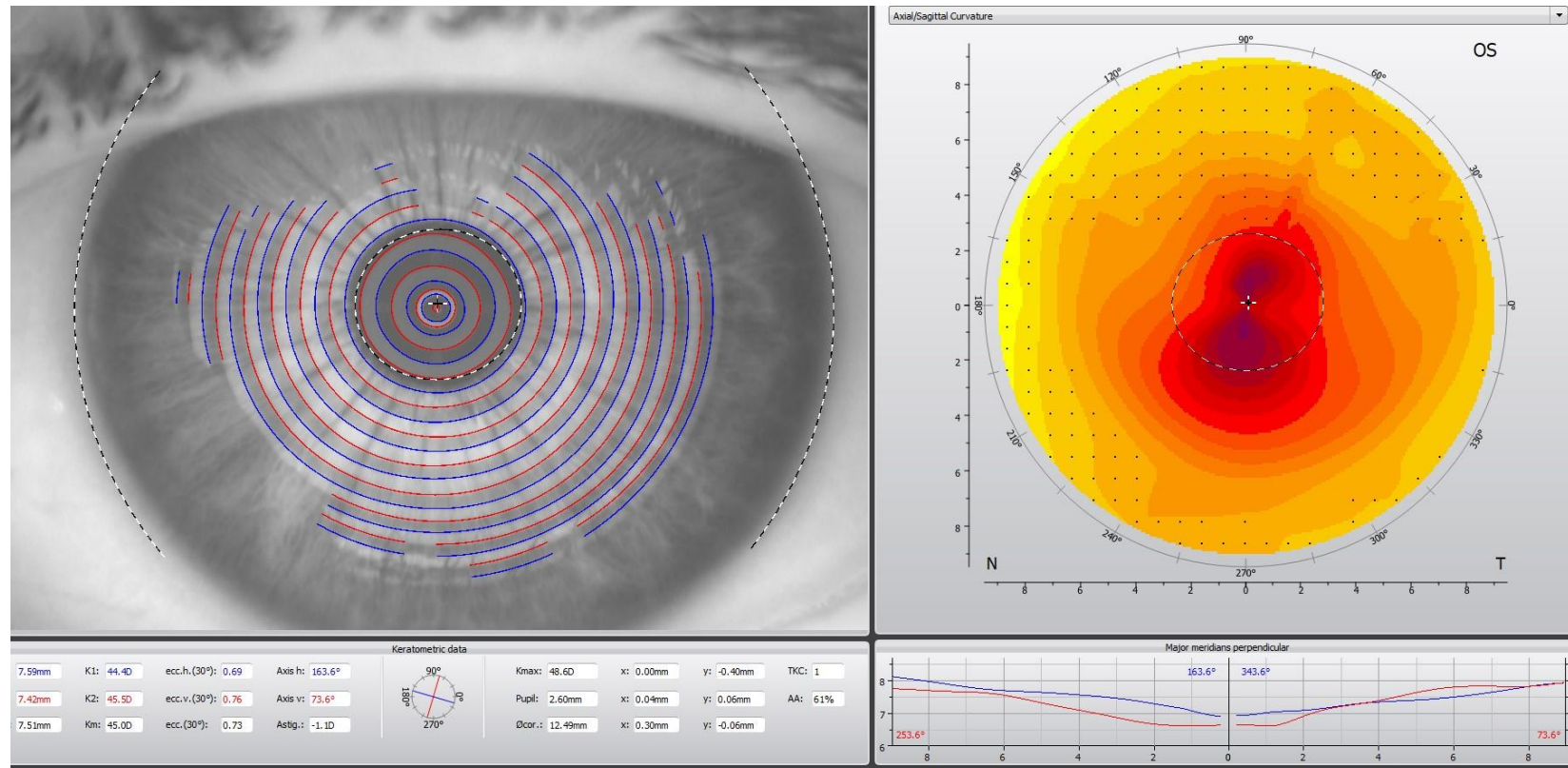
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Česti oblici KK

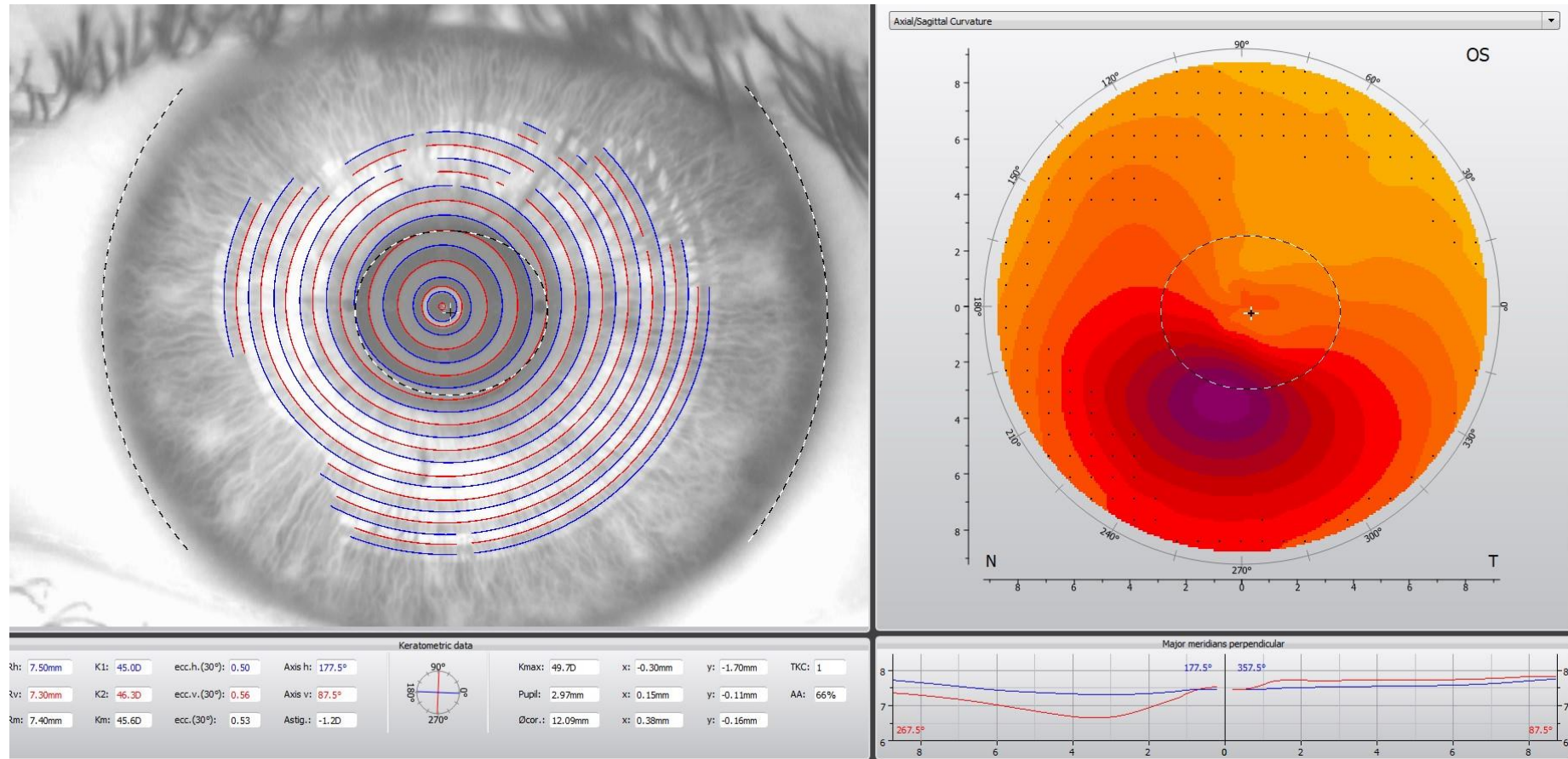
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- Stadiji keratikonusa:



KK 1 - nipple

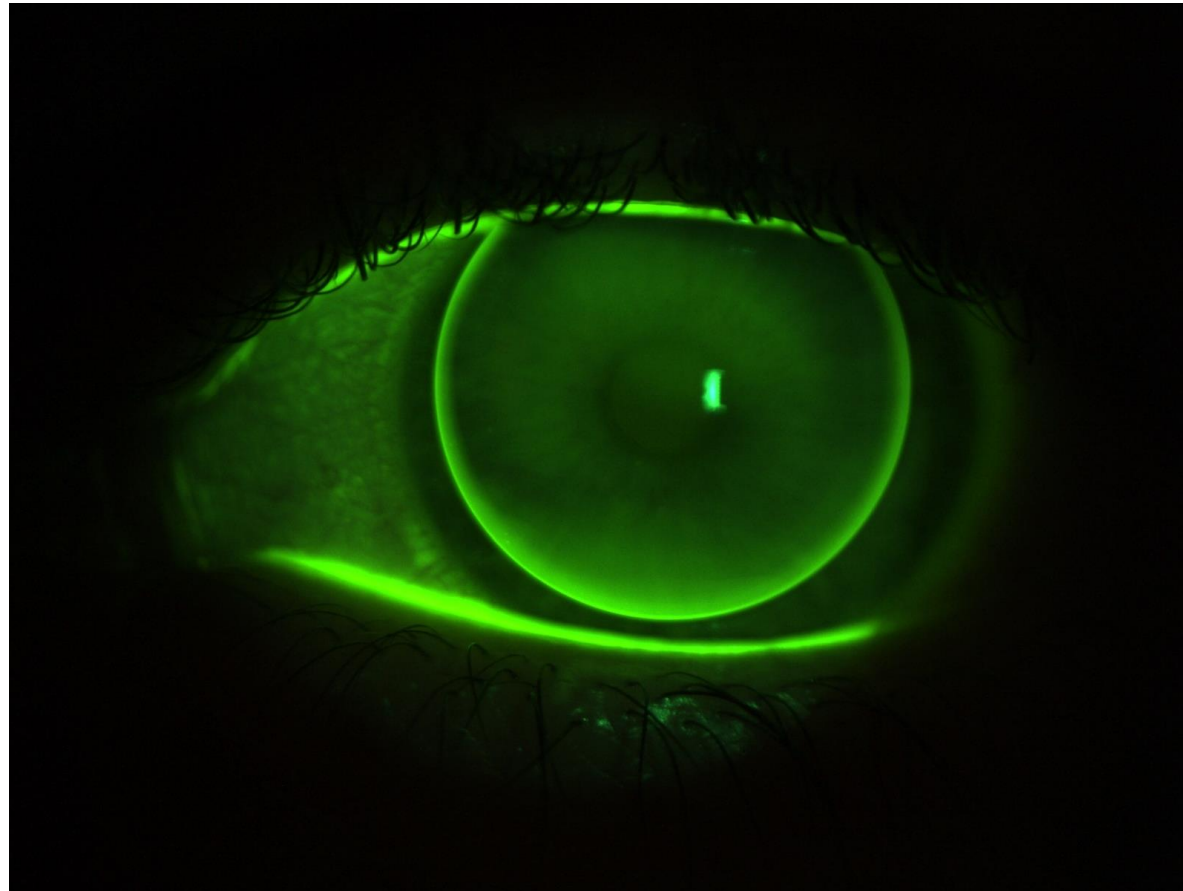
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KK 1 - oval

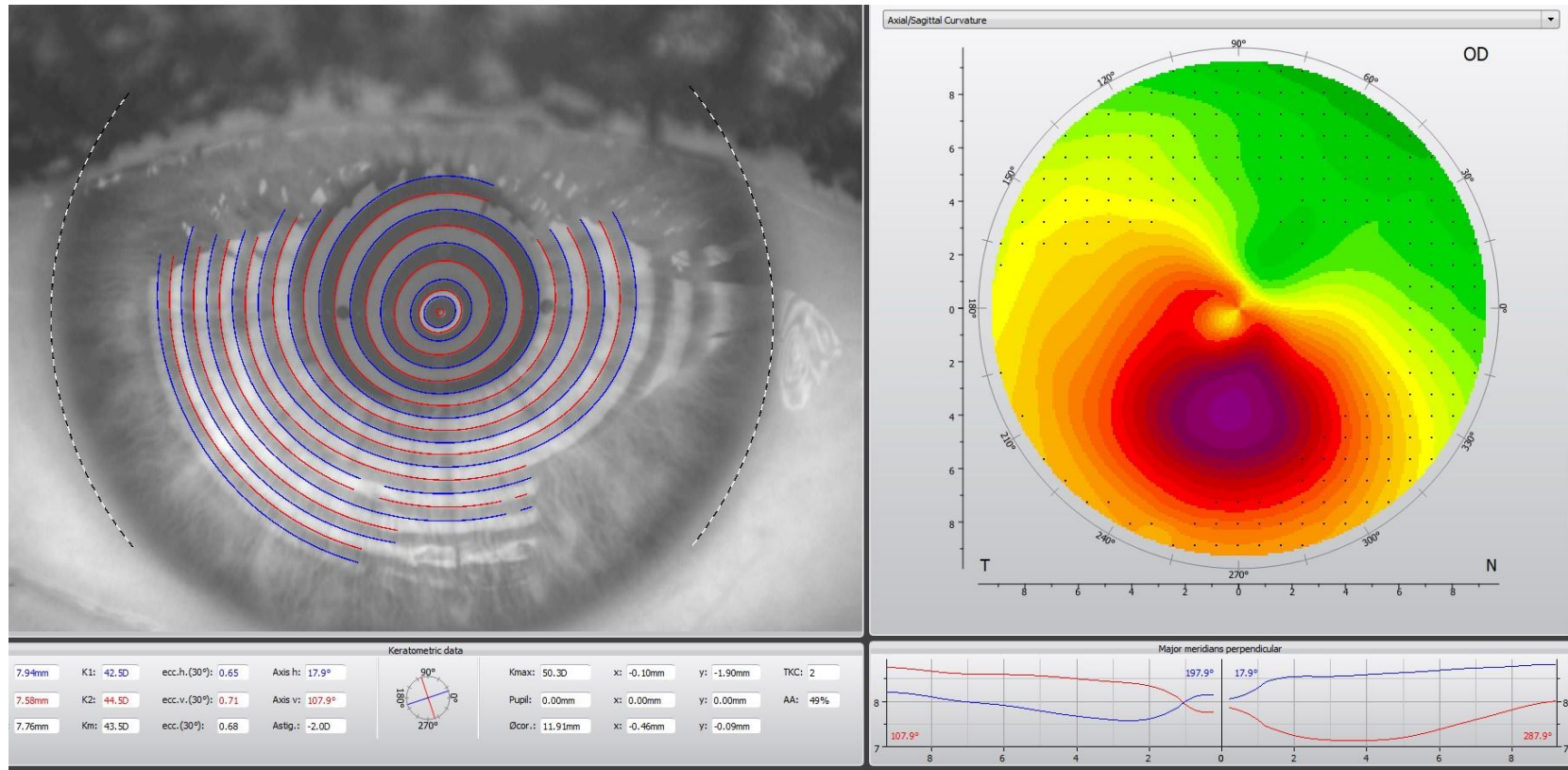
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- Korekcija lećom:



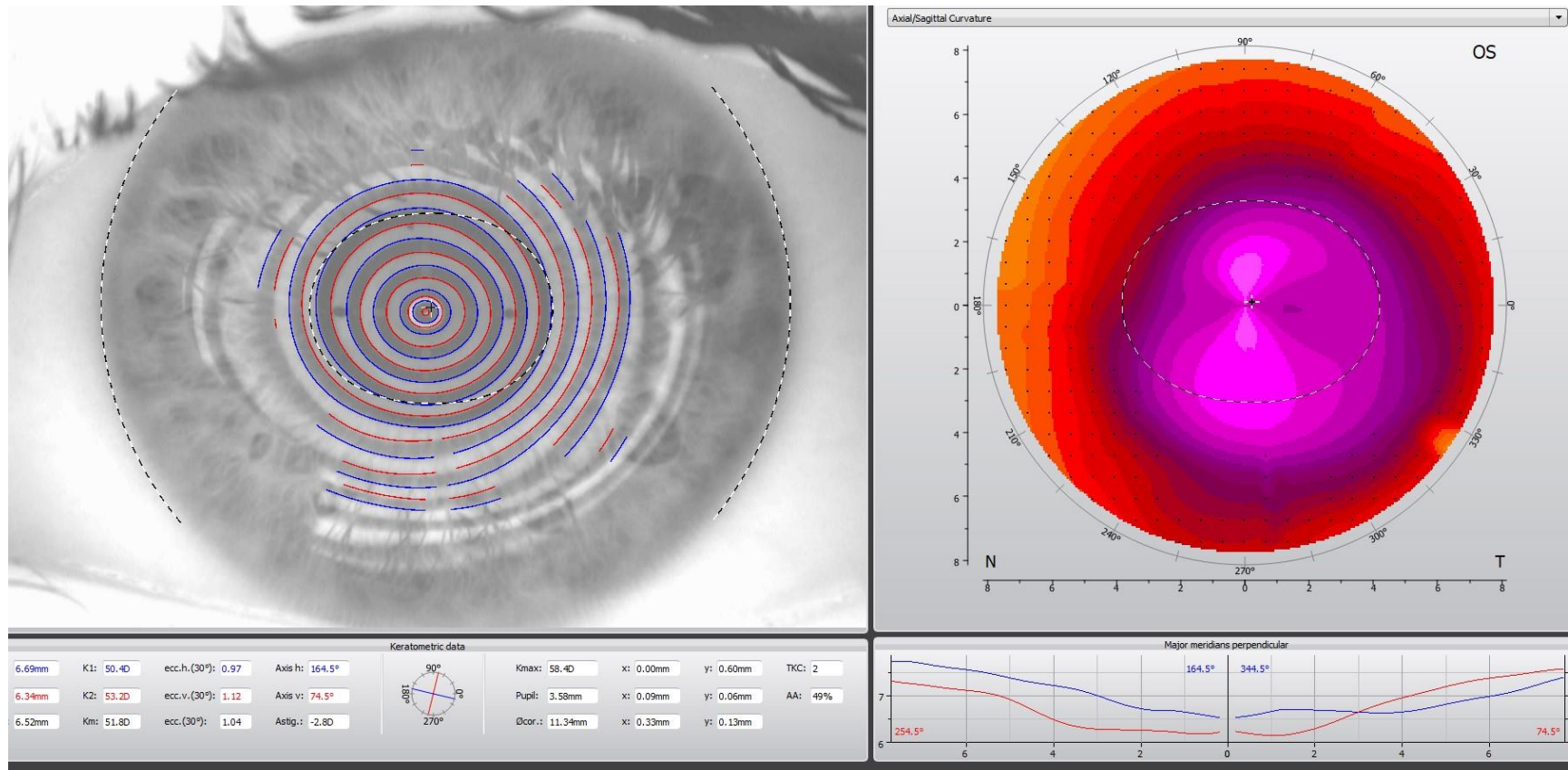
RGP asph.

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KK 2 - oval

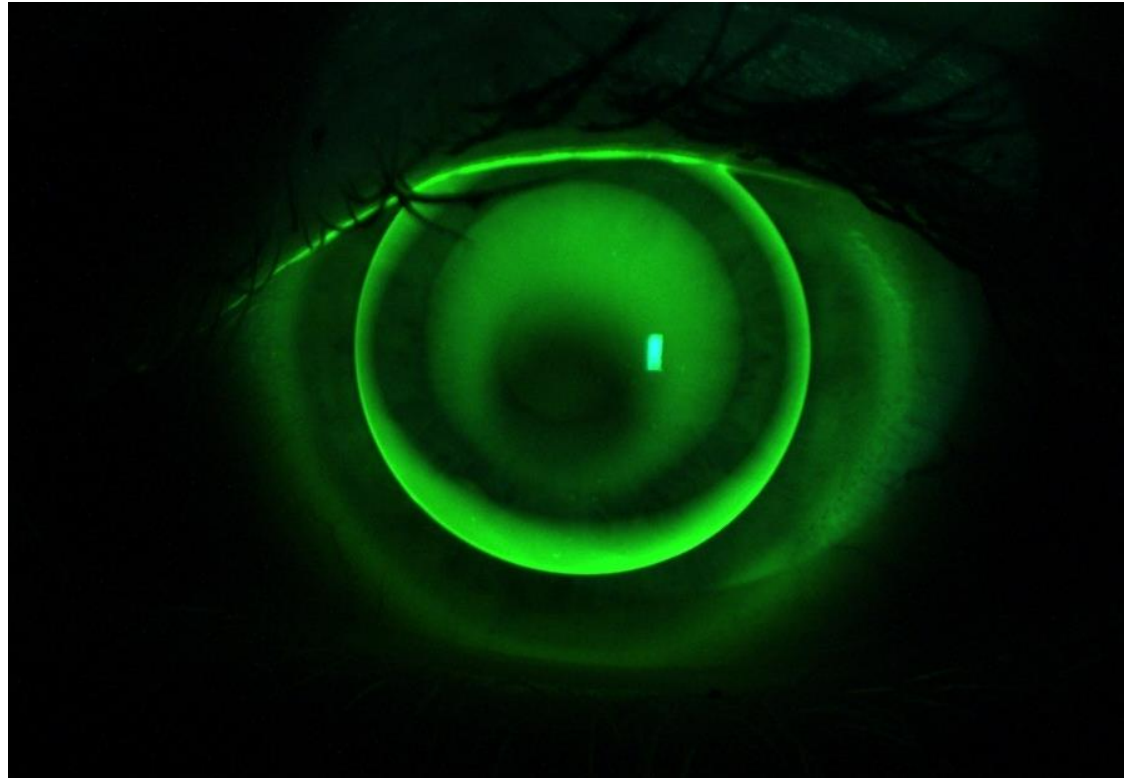
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KK 2 - nipple

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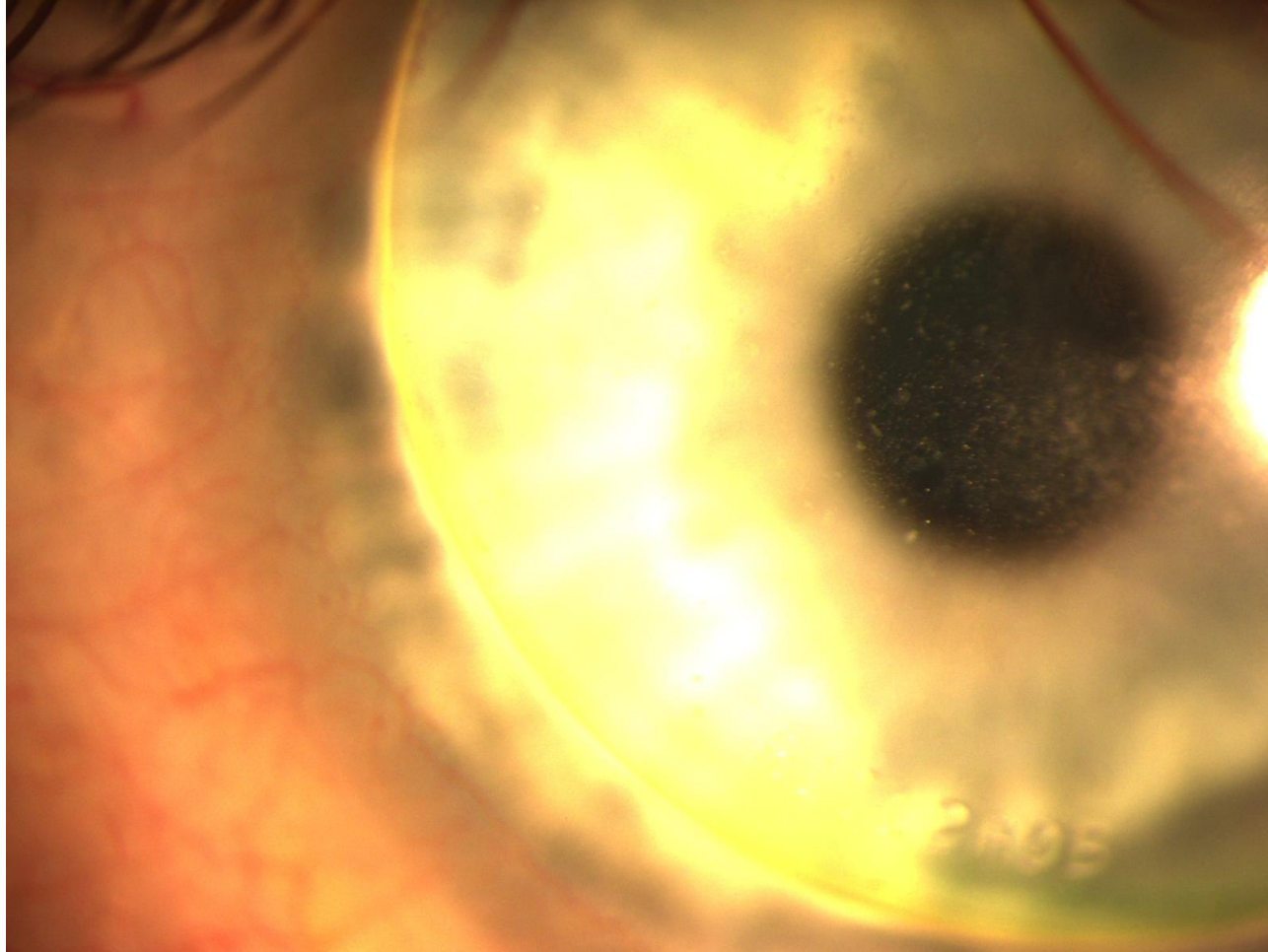
- Korekcija lećom:



Rose K2

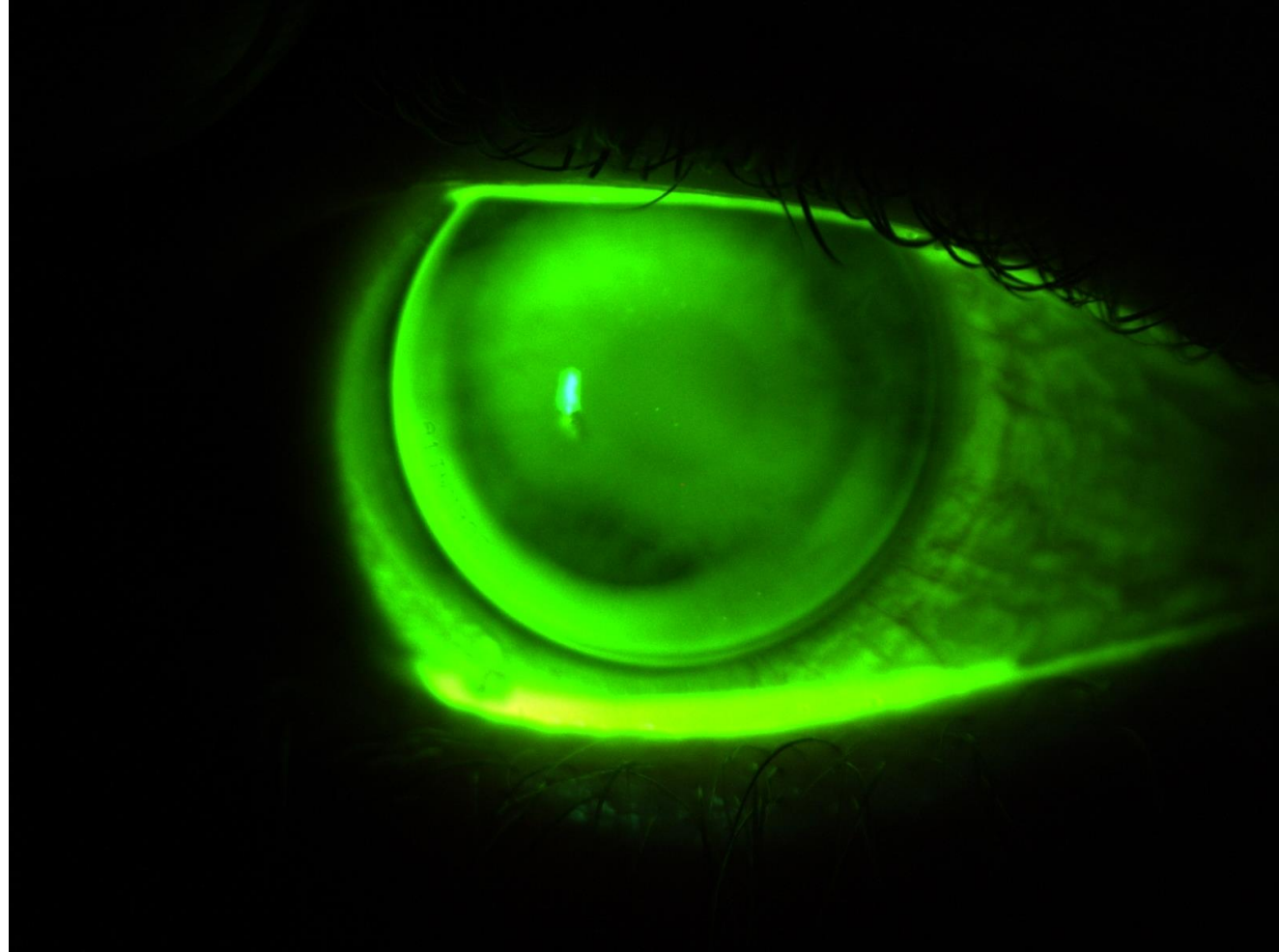
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- Detritus



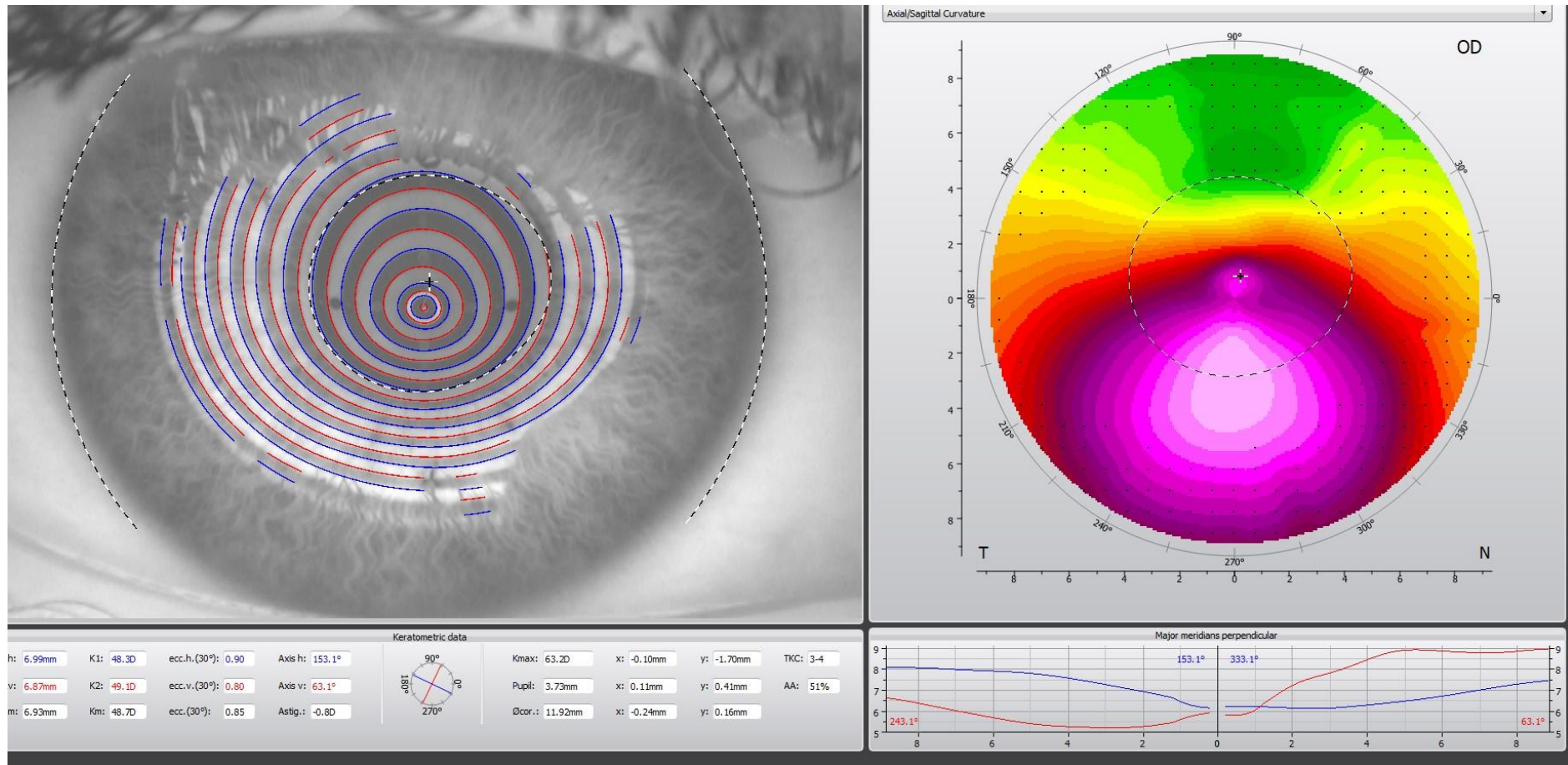
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- Velika KL za trke



RGP Hecht KAKC – f

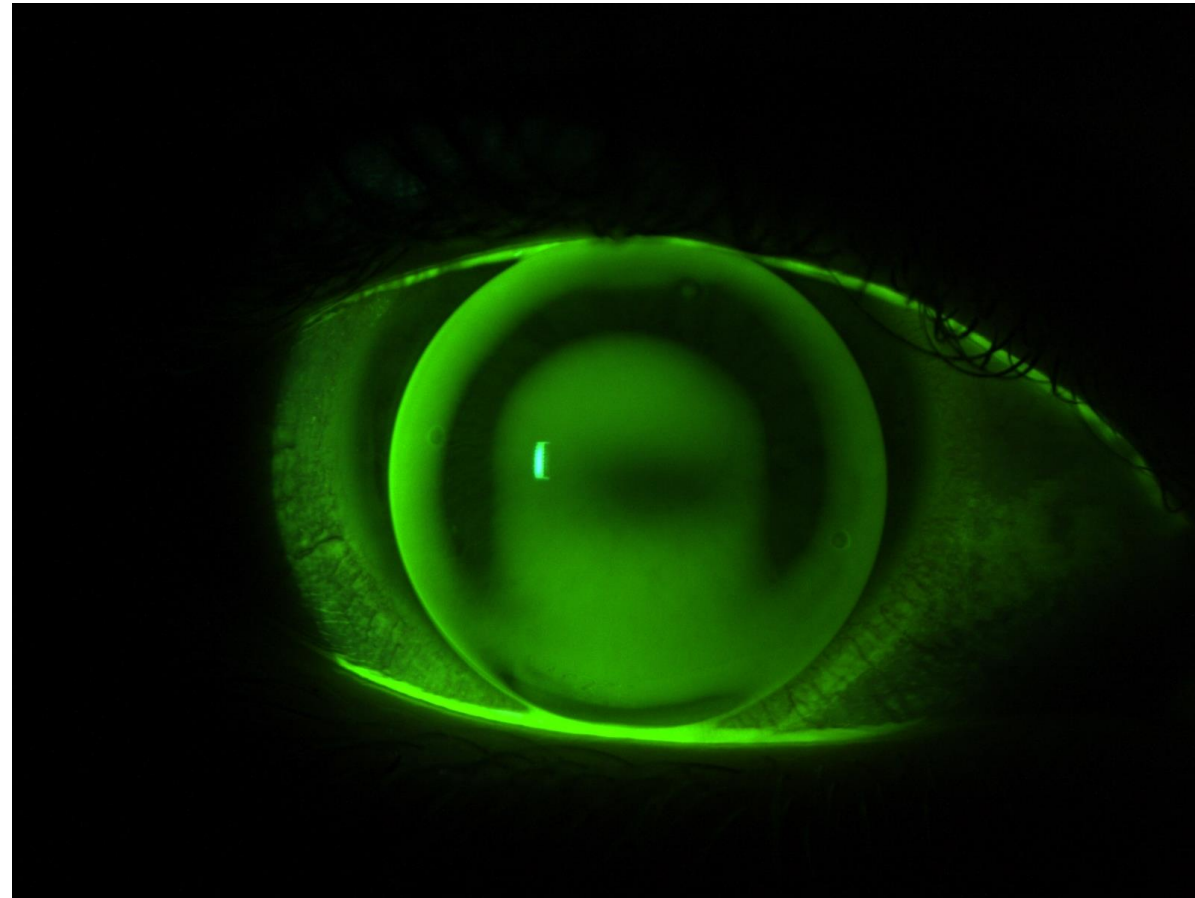
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KK 3

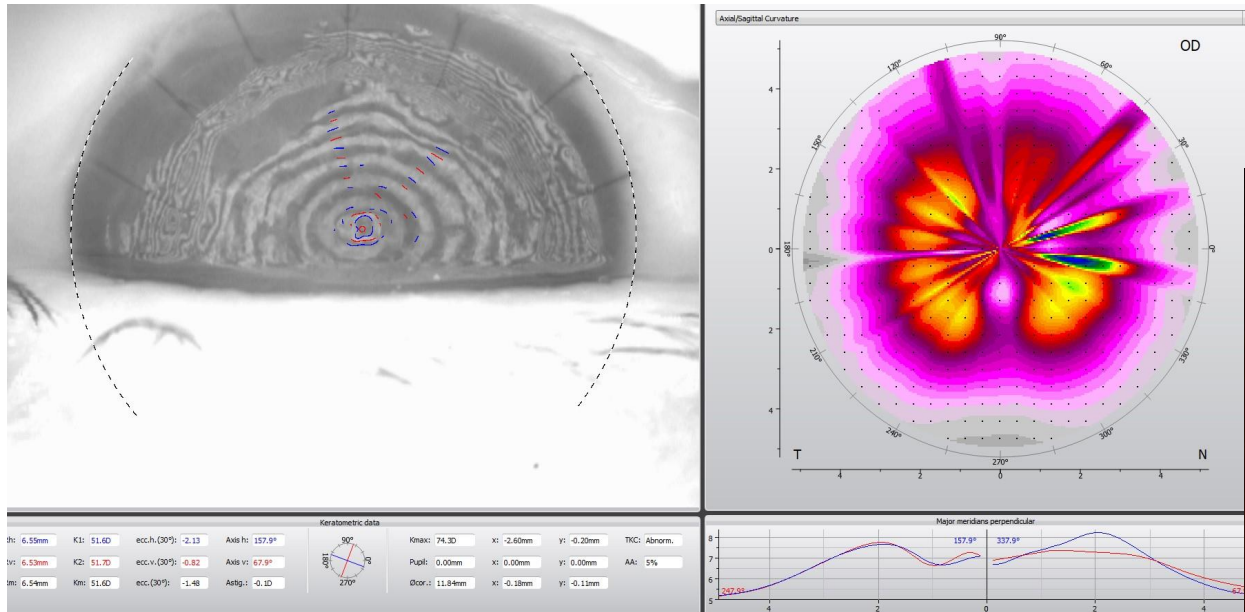
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- Korekcija lećom



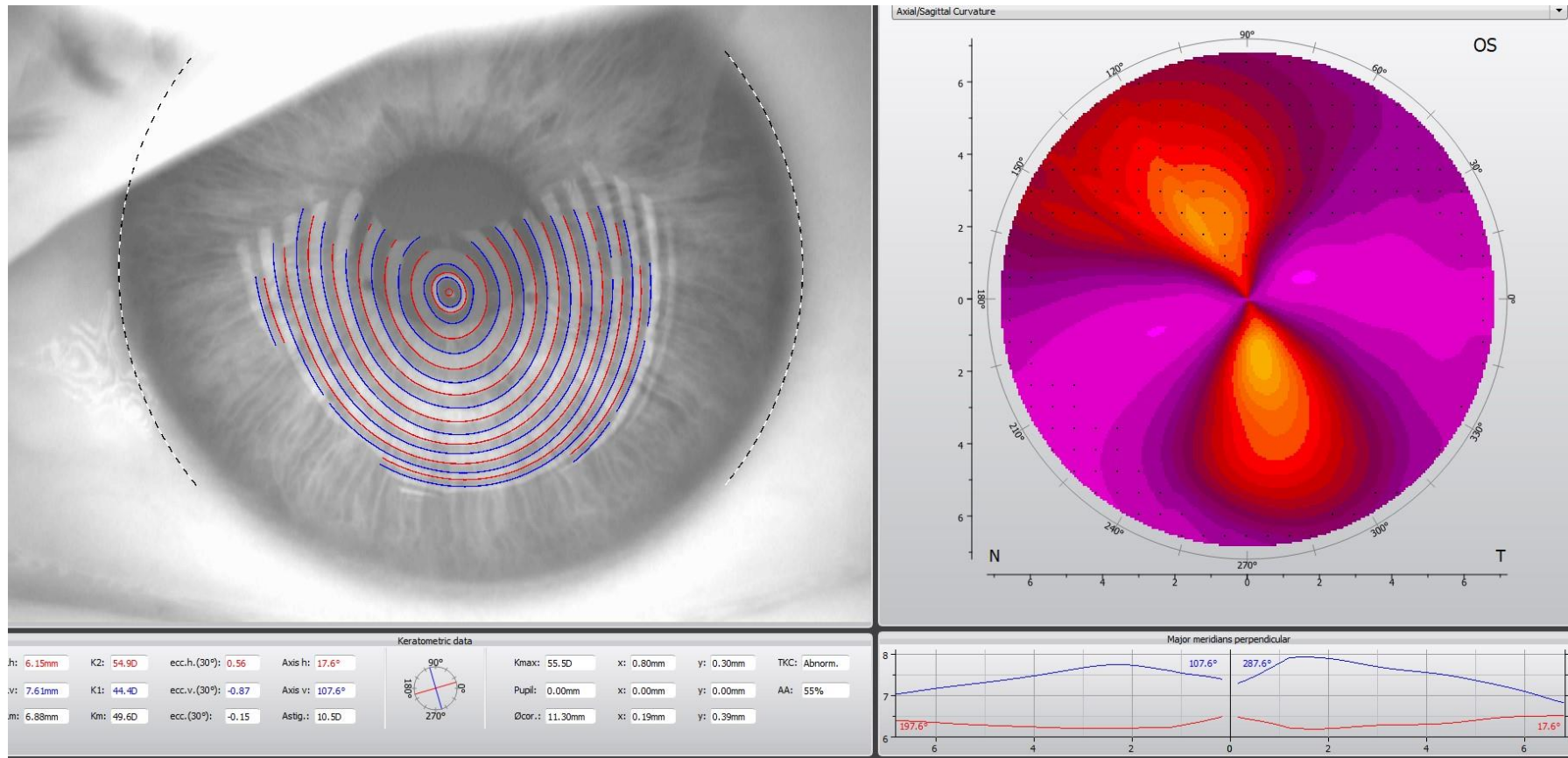
RGP Hecht Quadro

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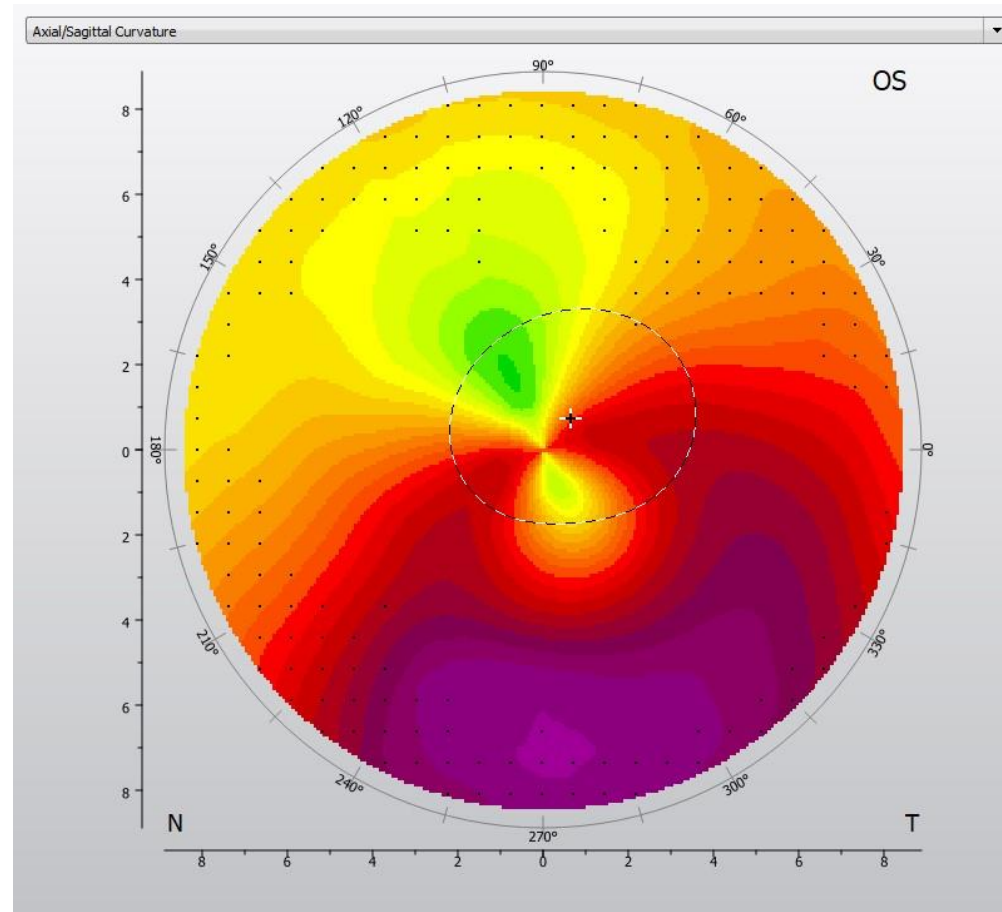
KK 4

KERATOKONUS – pelucidna marginalna degeneracija



PMD, fitano sa RGP Hecht Quadro

KERATOKONUS – pelucidna marginalna degeneracija



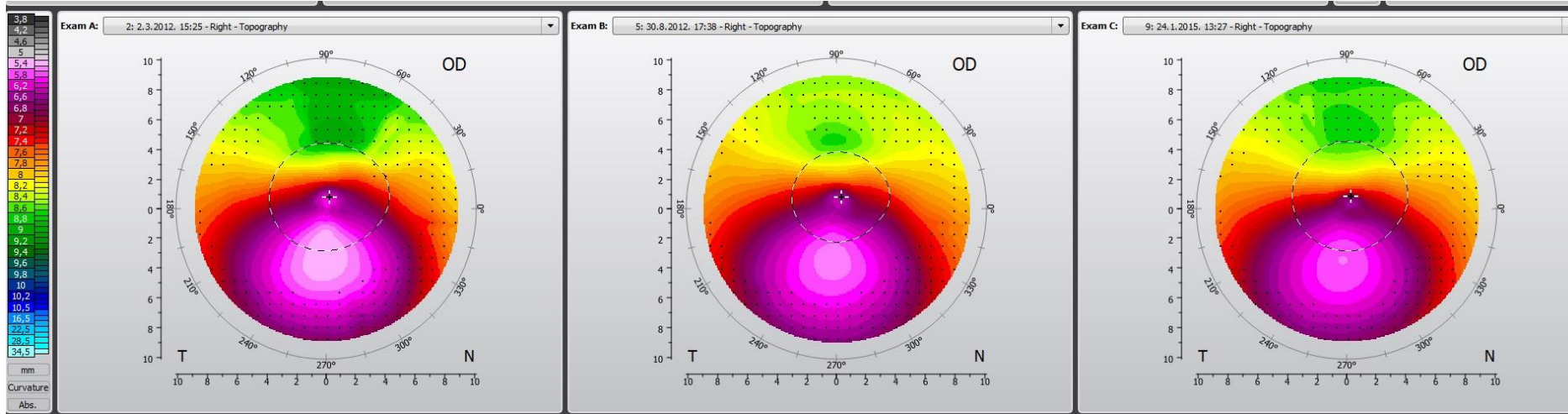
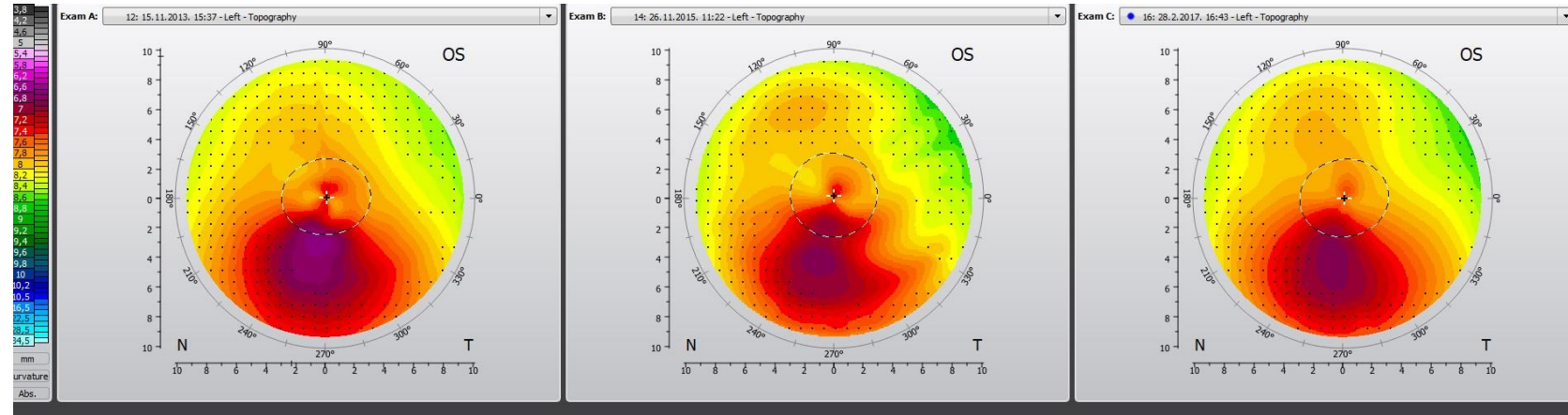
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- Cross linking



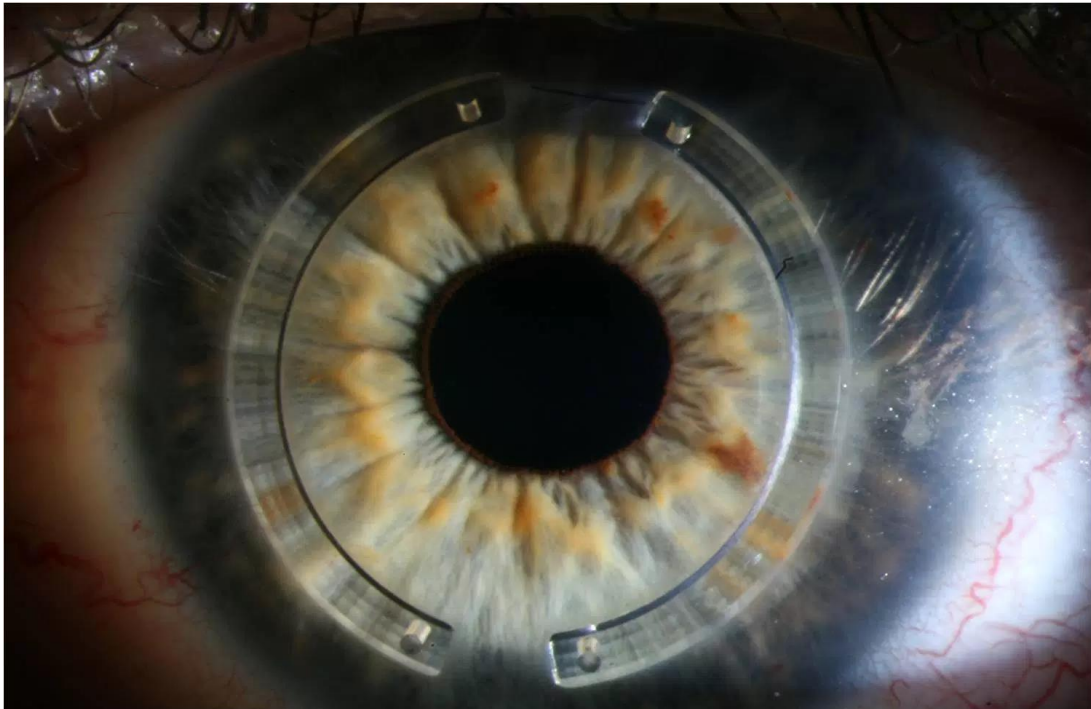
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- Cross linking



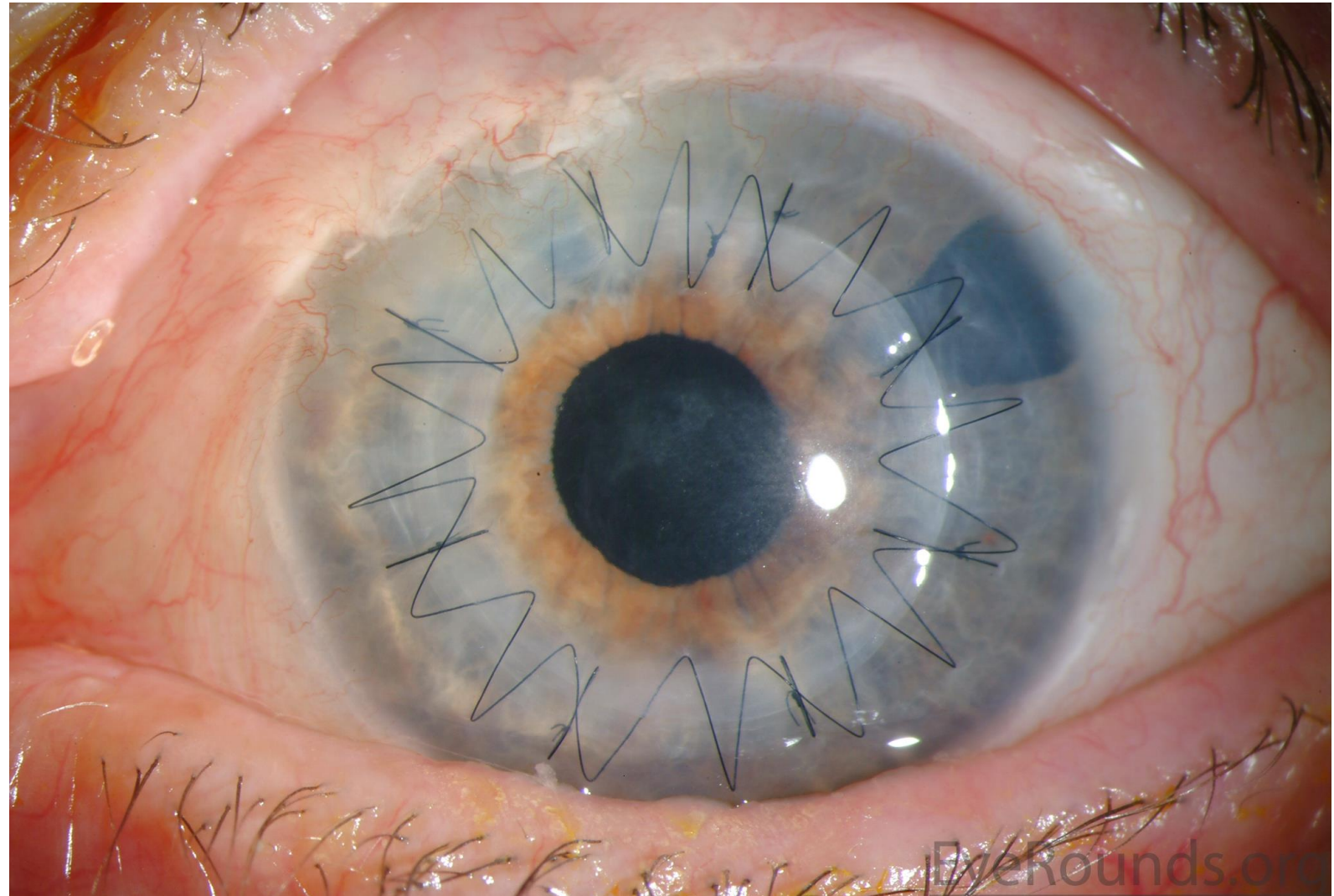
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- INTACS – kornealni implantat

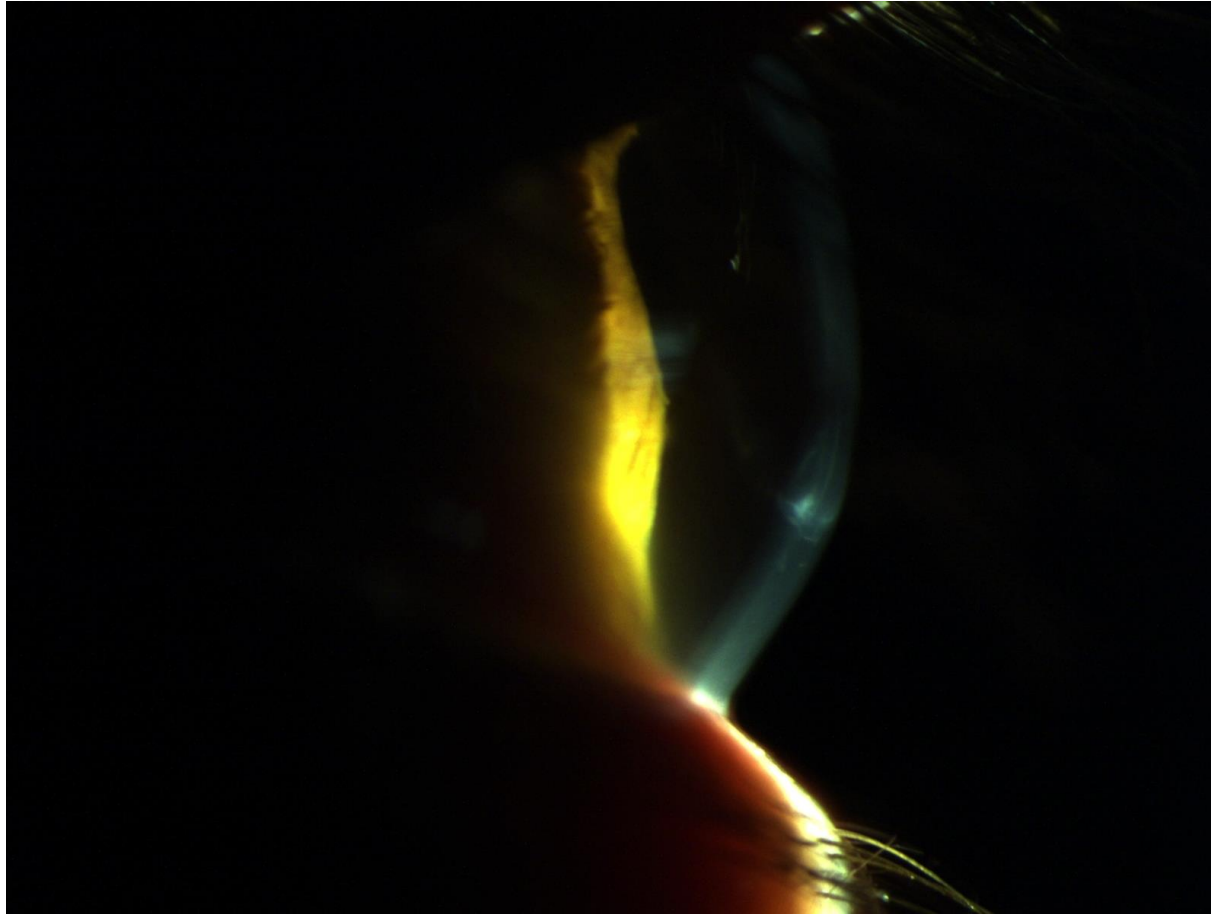


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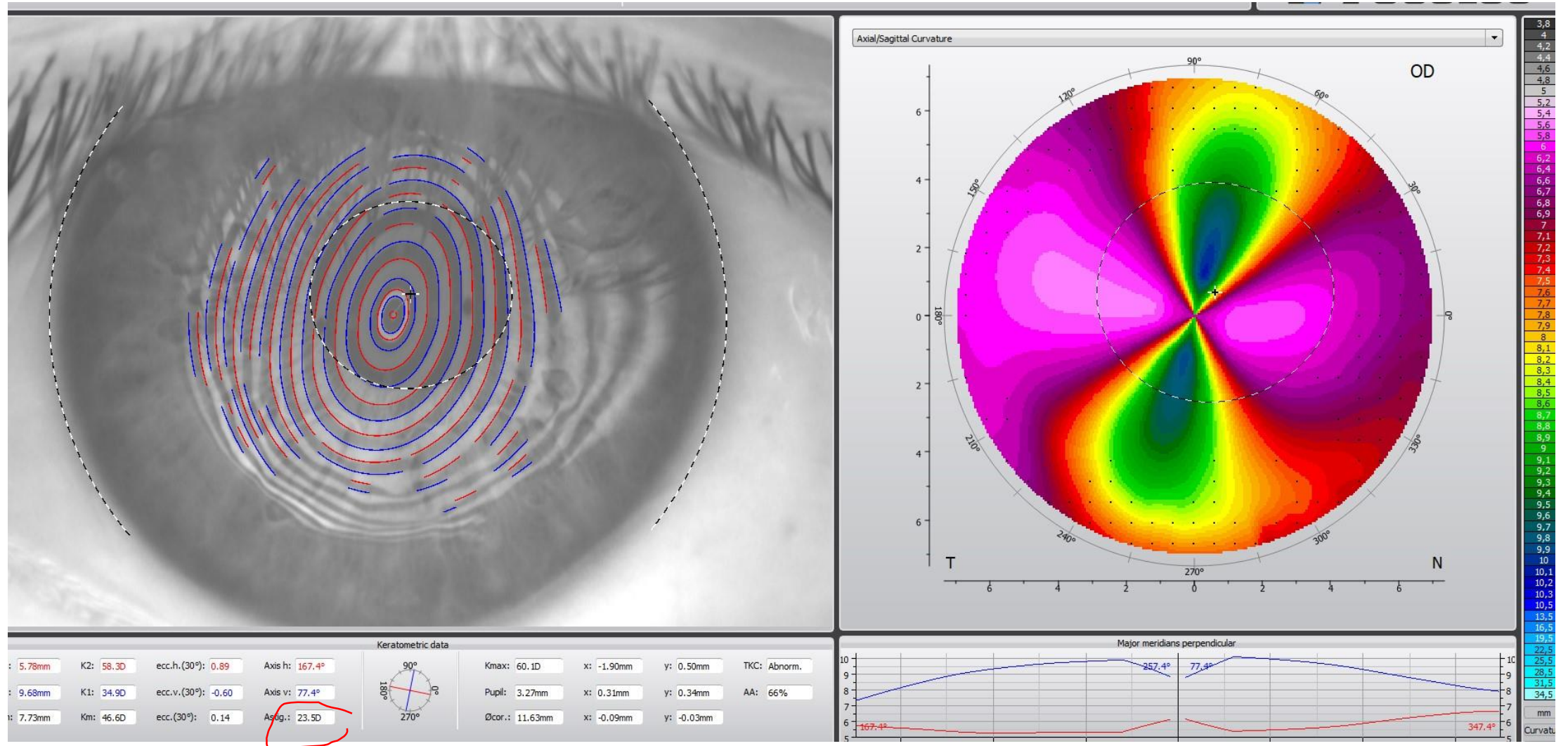
- Graft



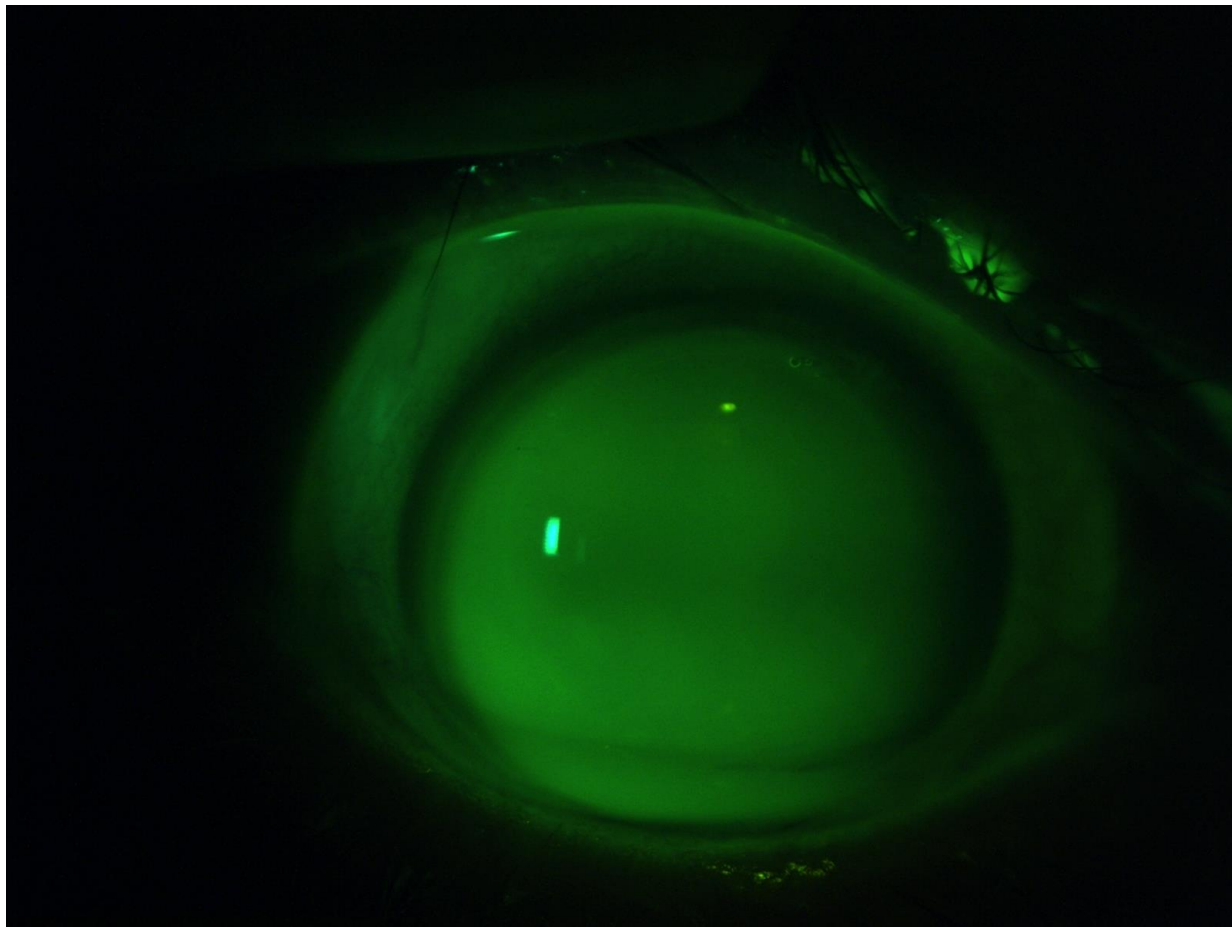
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KERATOKONUS – post graft



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Skleralna leća





Prionimo fitanju