



Correction of higher amounts of astigmatism during Orthokeratology

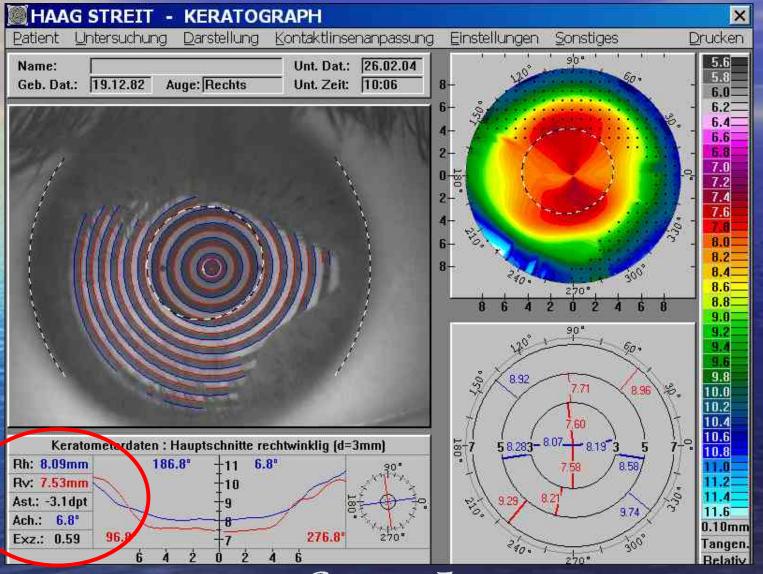
impossible – fascinating – challenging

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Nina Mueller, Dipl. Ing. Augenoptik, FAAO
Michael Wyss, Dipl. Augenoptiker, FAAO









reedom to see

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Impossible

- With Ortho-K we only make the flattest meridian of the cornea flatter, which lead in reducing the myopia.
- But this means also to increase, and not to reduce, the Astigmatism.







... after all, what if!

- The flatter Meridian should only be flatten as much as the amount of myopia makes it necessary.
- The other Meridian has to be flatten massively, to reduce the amount of astigmatism completely.



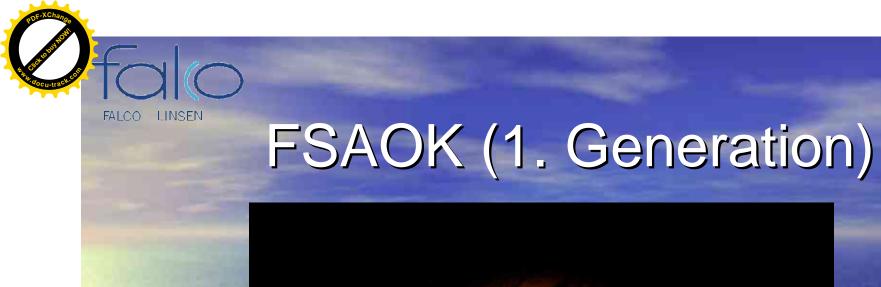




That's fascinating!

- The flatter Meridian should only be flatten as much as the amount of myopia makes it necessary.
- The other Meridian has to be flatten massively, to reduce the amount of astigmatism completely.









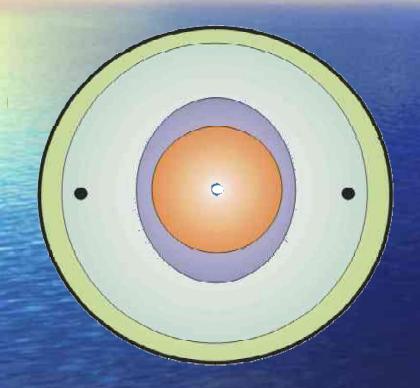
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FOKX 2. Generation



- Optic-zone
- Reverse-zone
- Toric Landing-zone
- Bevel

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The second highest amount of Astigmatism ever, corrected in our clinic - a case report.

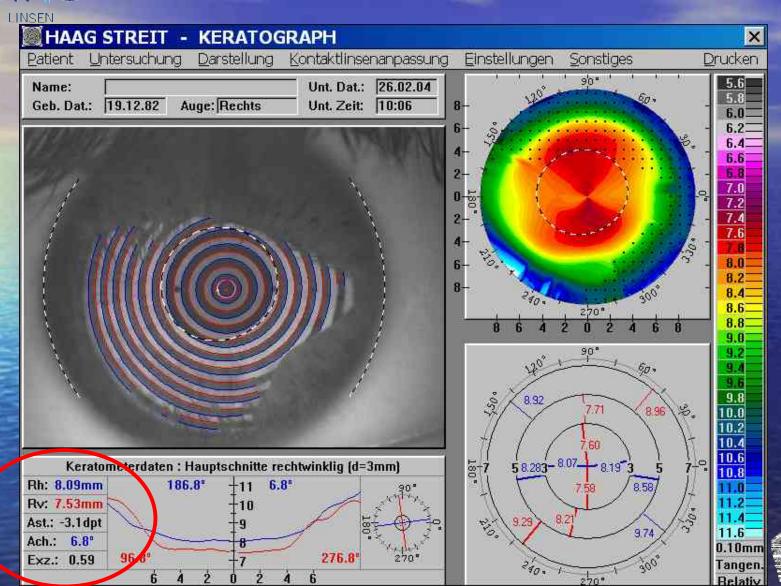






FALCO





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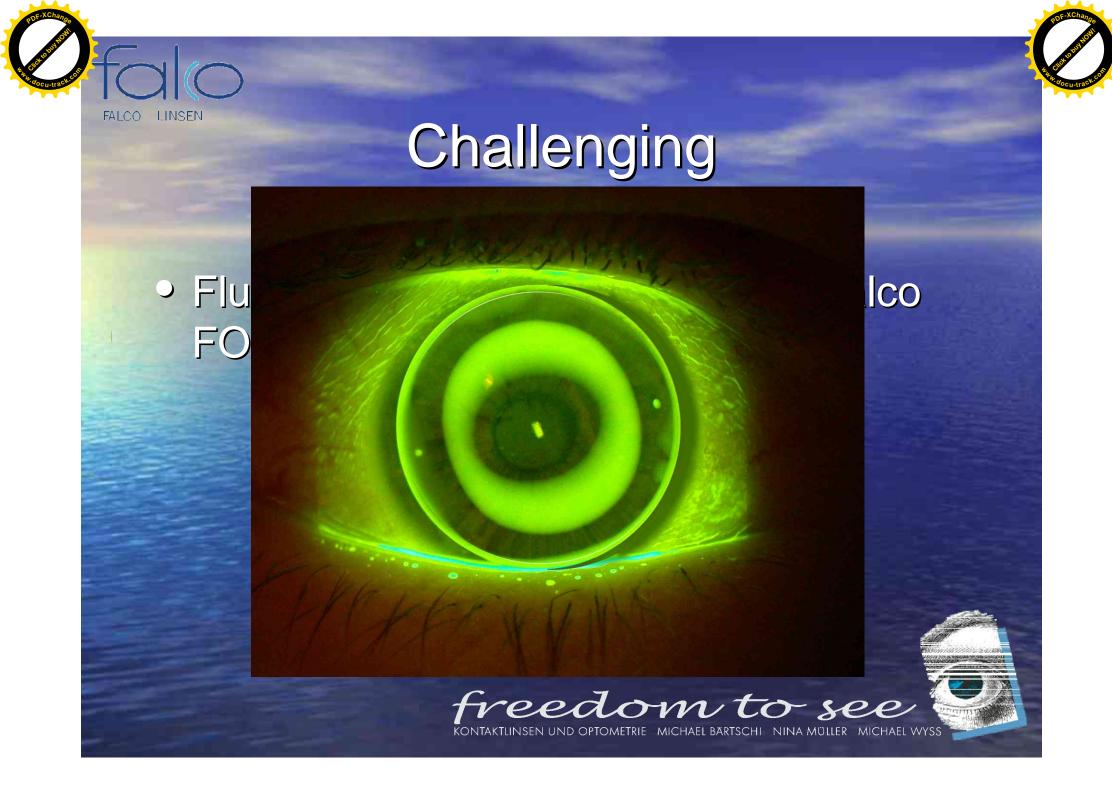


Subjective Refraction:

sph: -4.25D cyl: -3.75D x: 8° Vacc: 20/22

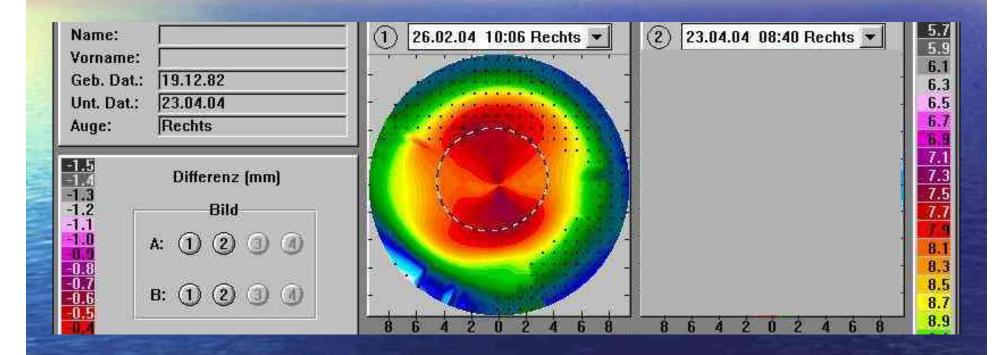












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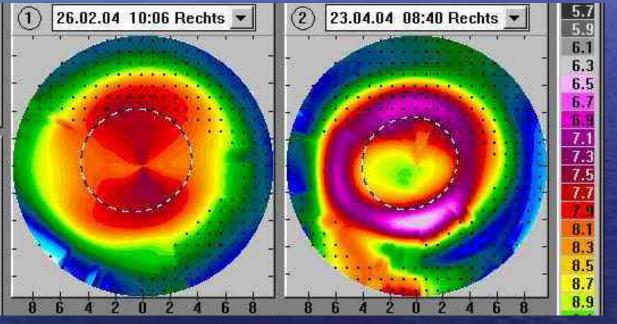
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Name:
Vorname:
Geb. Dat.: 19.12.82
Unt. Dat.: 23.04.04
Auge: Rechts





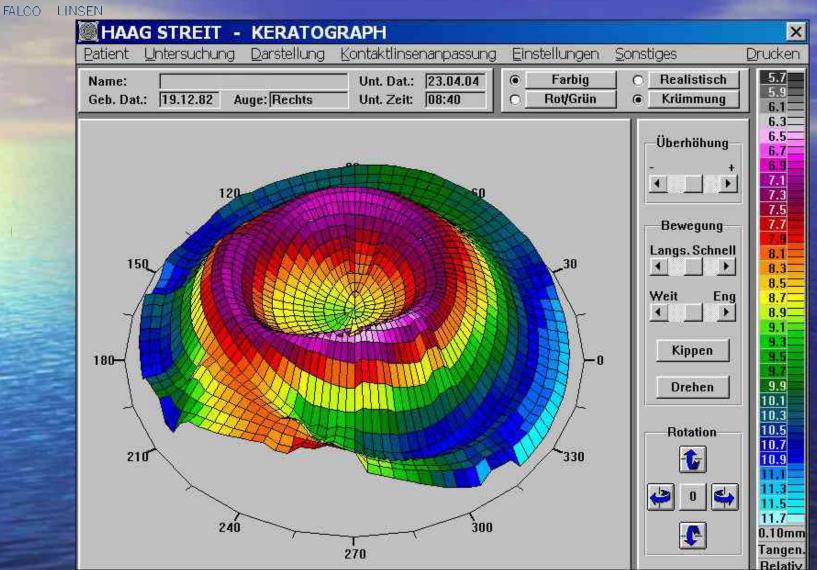
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FALCO LINSEN HAAG STREIT - KERATOGRAPH Darstellung Kontaktlinsenanpassung Einstellungen <u>Untersuchung</u> Sonstiges Drucken 5.7 5.9 Unt. Dat.: 23.04.04 Farbig Realistisch Name: Geb. Dat.: 19.12.82 Auge: Rechts Unt. Zeit: 08:40 Rot/Grün Krümmung 6.3 Überhöhung Bewegung Langs. Schnell Eng Astigmatism Kippen Myopia Drehen 10.1 270-300-080 600 - 90Rotation Railway Tracks 11.7 0.10mm Tangen.

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Subjective Refraction (post-OK):

sph: plan cyl: -0.50 x: 8°

Vasc: 20/20



