

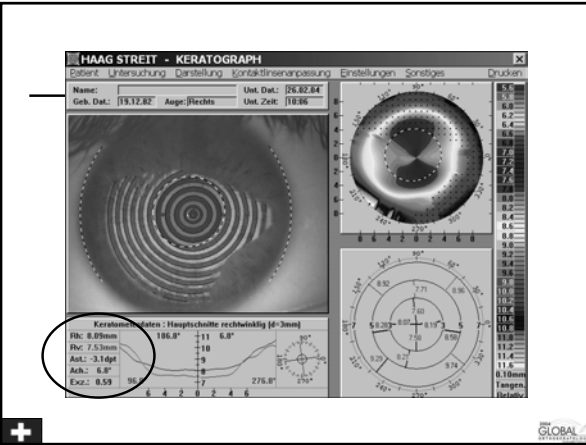
Correction of higher amounts of astigmatism during Orthokeratology



Correction of higher amounts of astigmatism during Orthokeratology

Michael Wyss, Optometrist
Bern, Switzerland





Impossible

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



Michael Wyss, Optometrist
Bern, Switzerland



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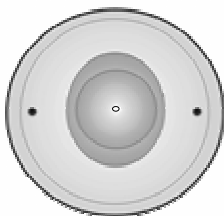
... after all, what if!

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

That's fascinating!

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

FOKX



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

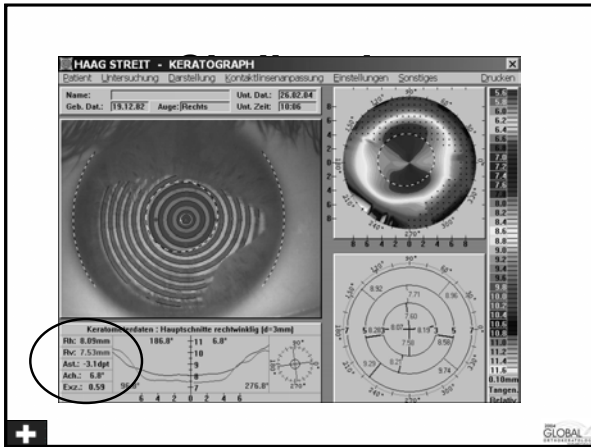
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Challenging

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

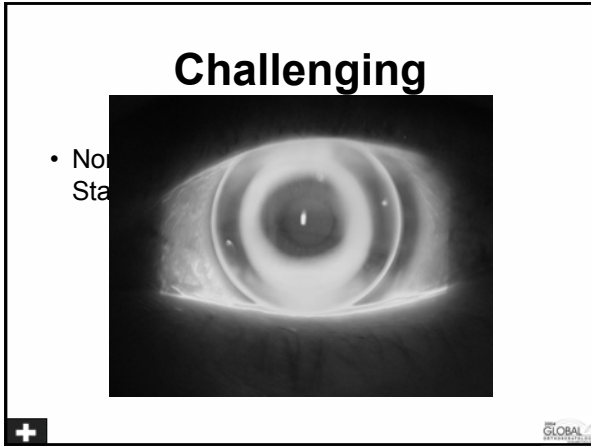


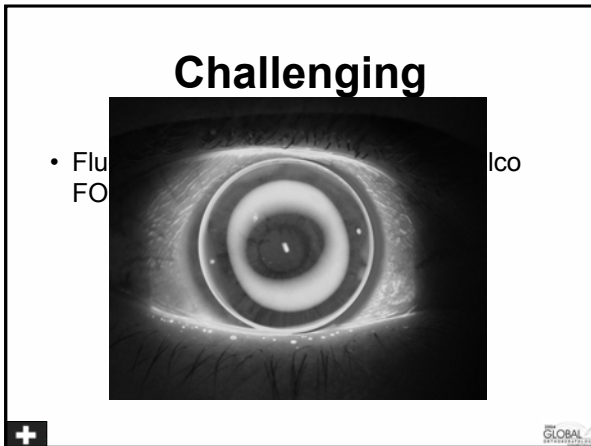
Challenging

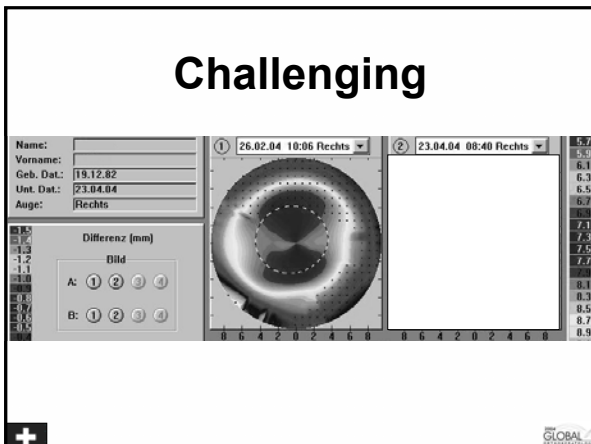
- Subjective Refraction:
sph: -4.25D cyl: -3.75D x: 8° Vacc: 20/25



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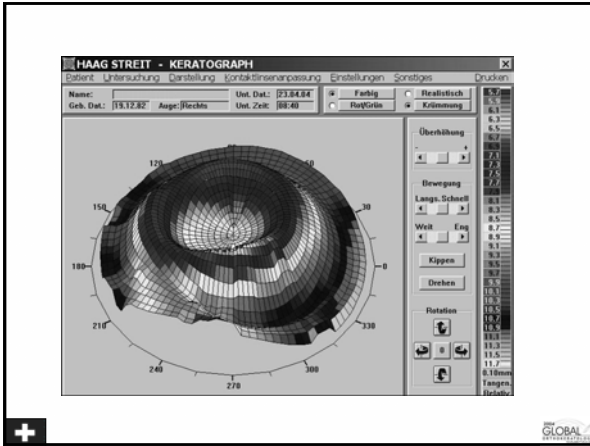


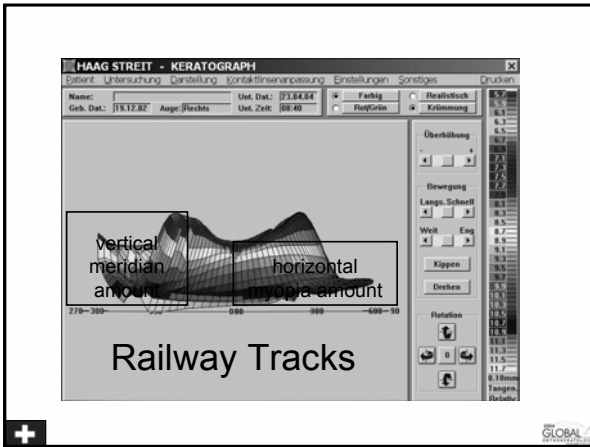


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Challenging

- Subjective Refraction:

sph: plan cyl: -0.50 x: 8°



Vasc: 20/20




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Keep the future in sight

Thank you for your attendance!





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