

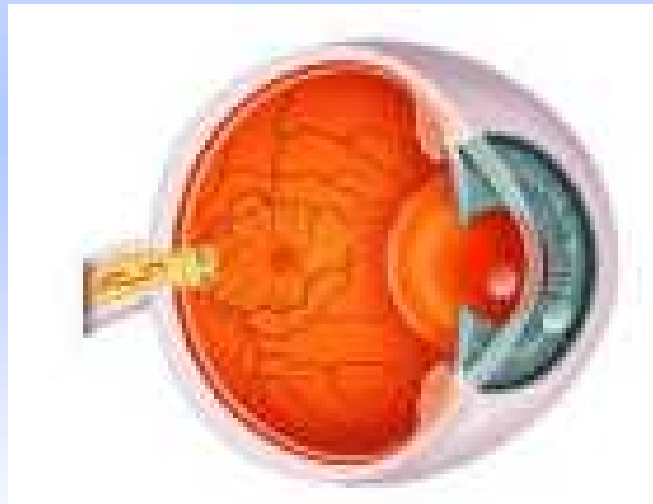
Short and long term success with correction of high astigmatism in OK

Michael Baertschi, M.S.Optom., M.Med.Educ., FAAO



Introduction

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- Approximately 20 % of our emmetropic or nearsighted population suffers from astigmatism between 1.0 – 4.0 diopters.

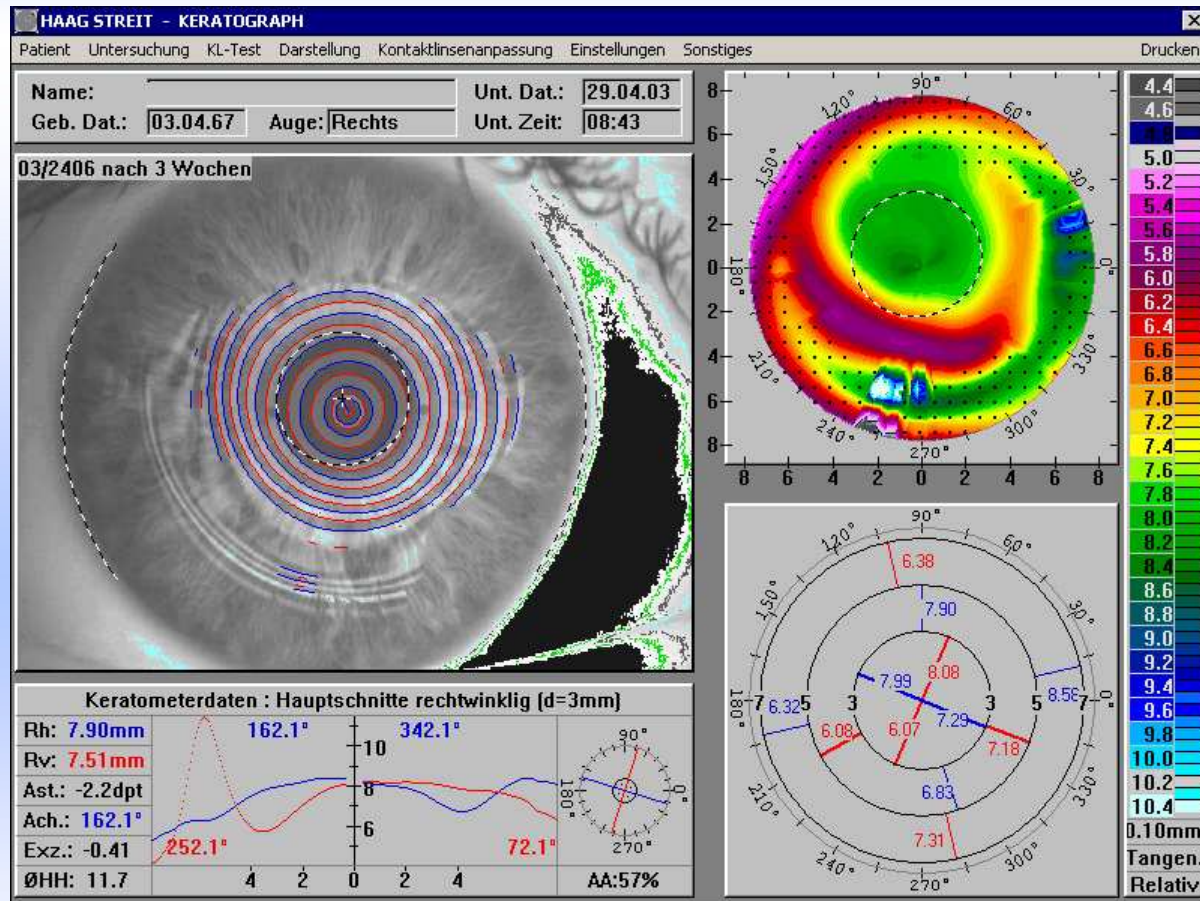


Contraindication for OK ?

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 - (Mountford J., Pesudovs K.: “Analysis of the astigmatic changes induced by accelerated orthokeratology”; Clin Exp Optom 85/5 2002, 284-93)
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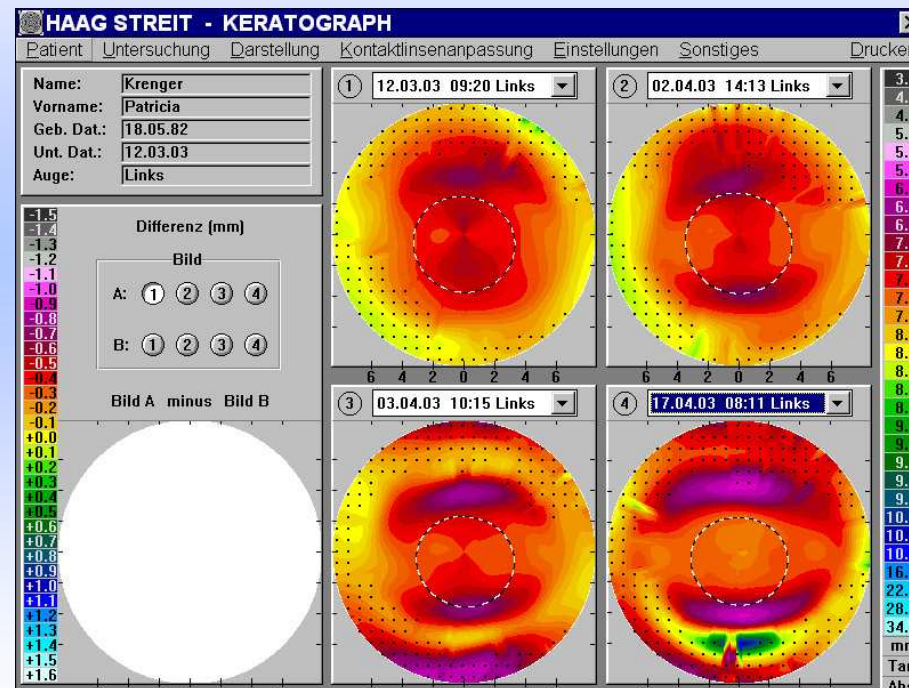


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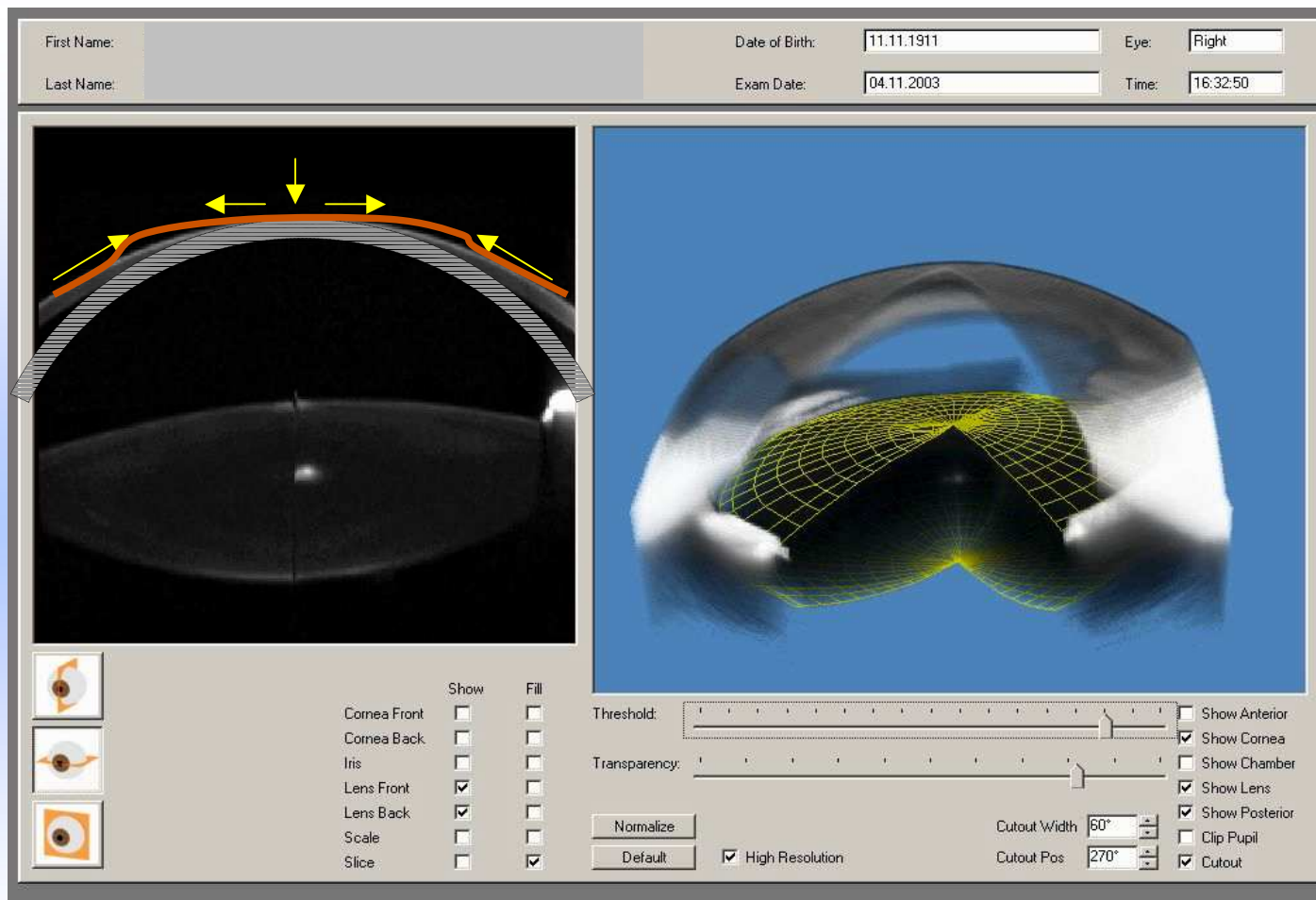


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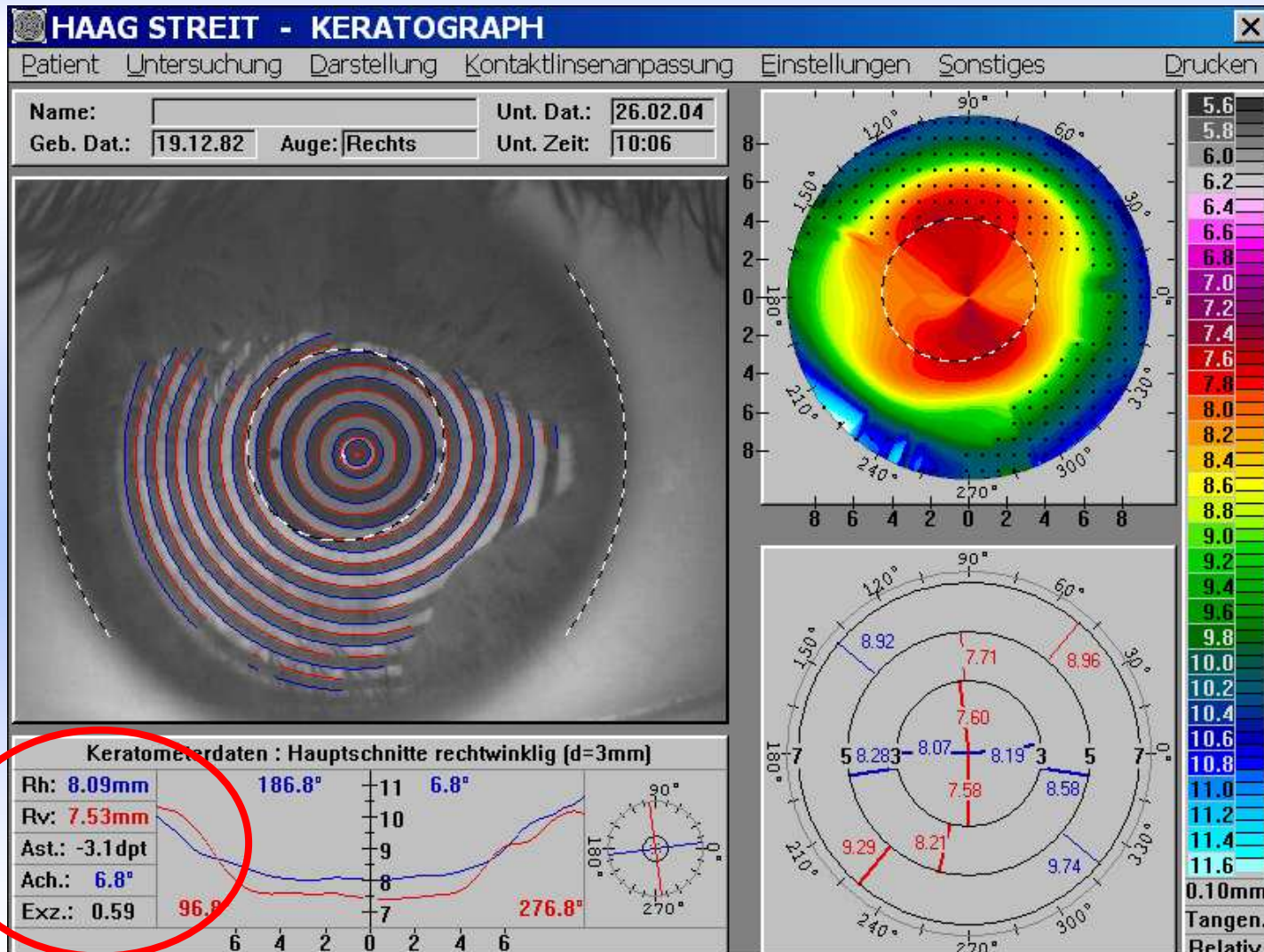
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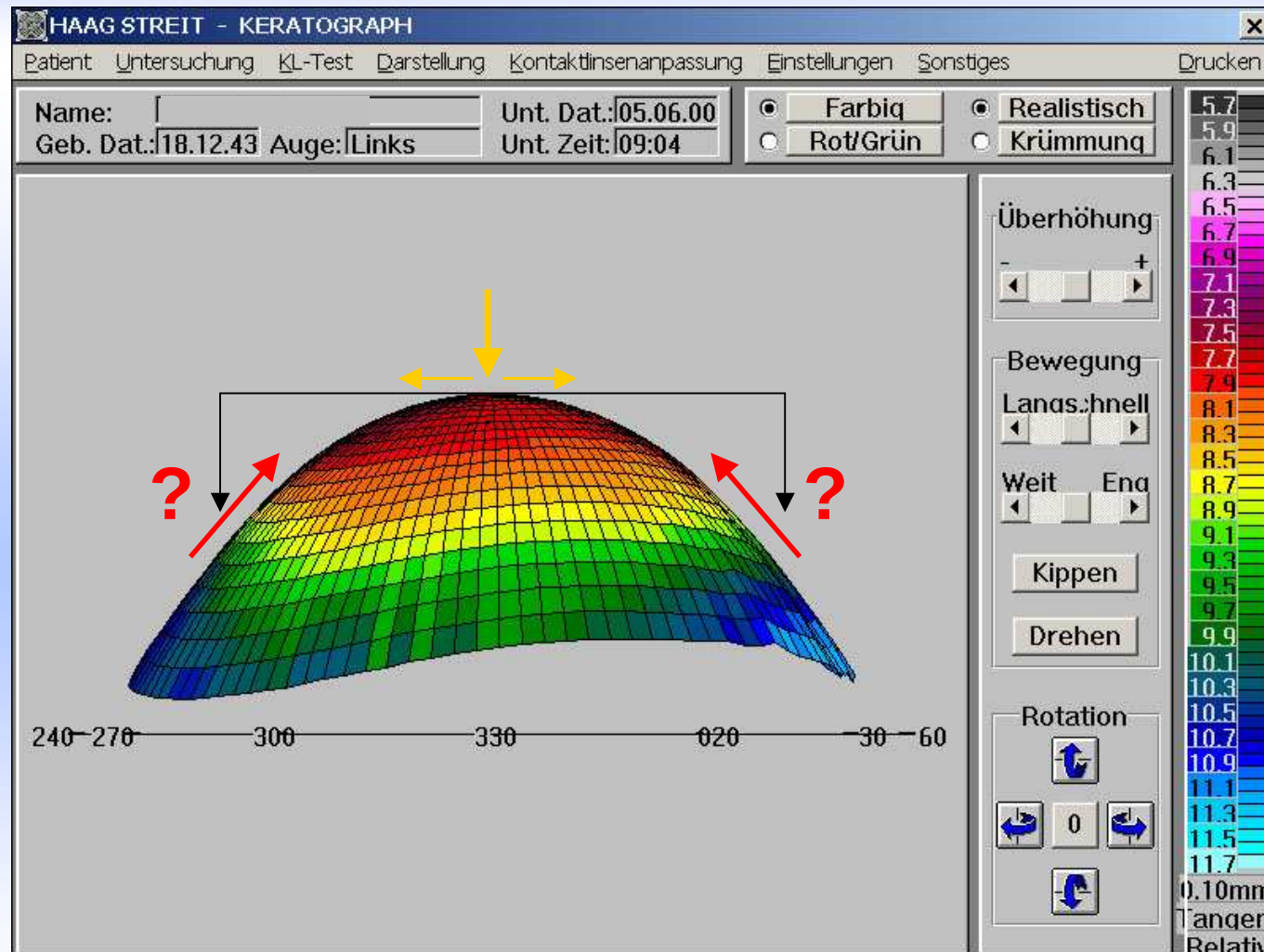
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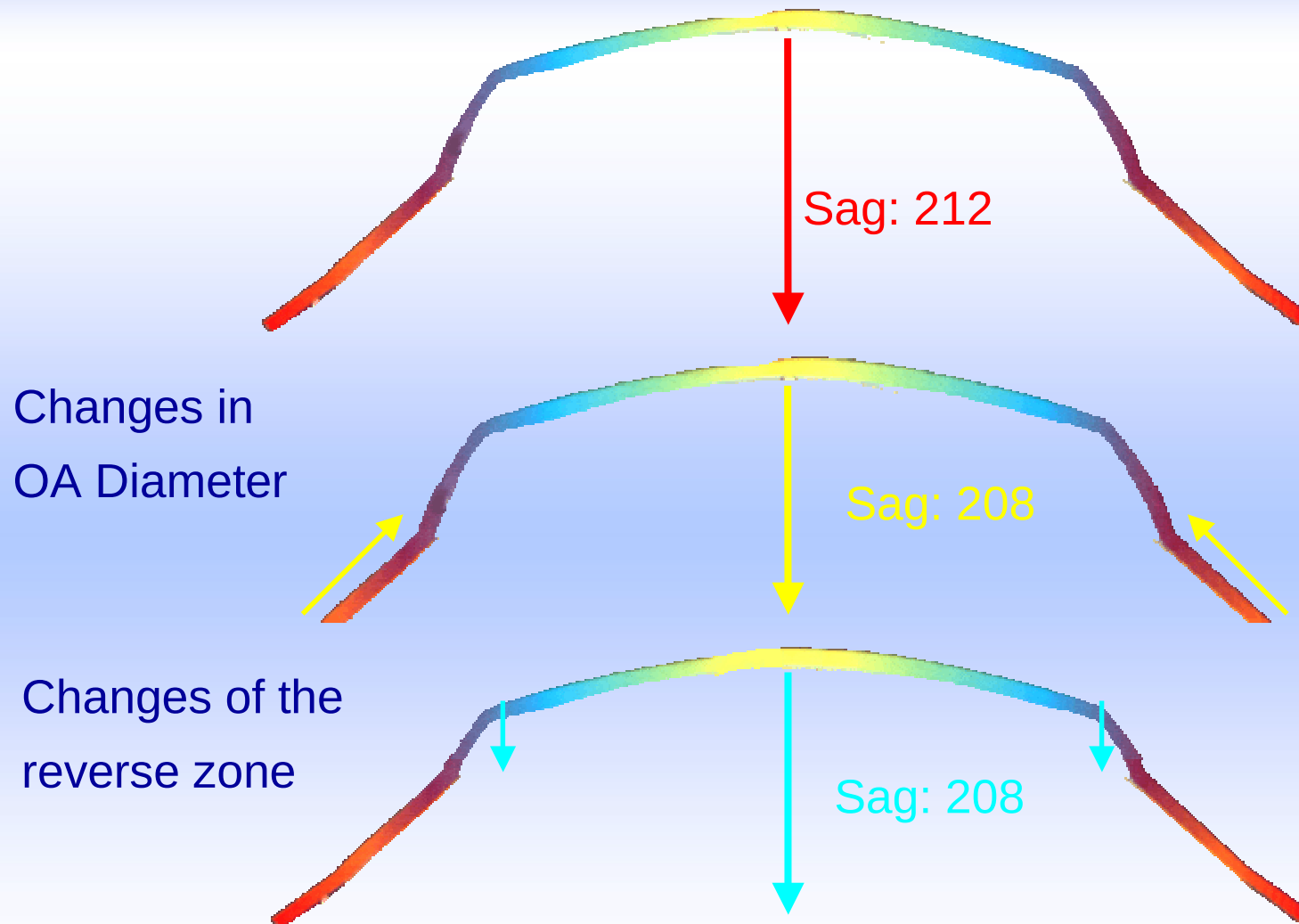
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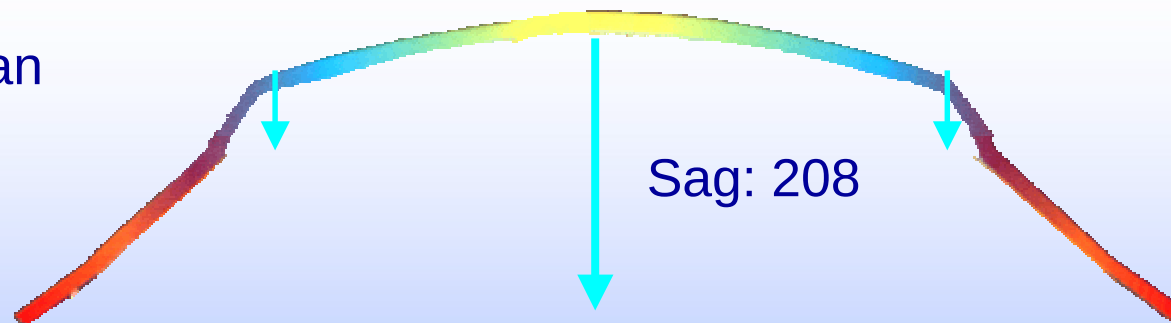


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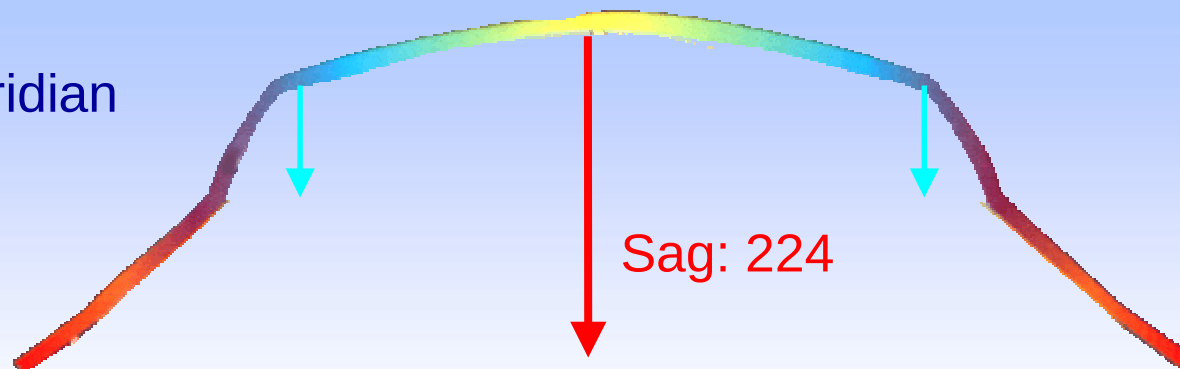


What's about if !

Flat Meridian

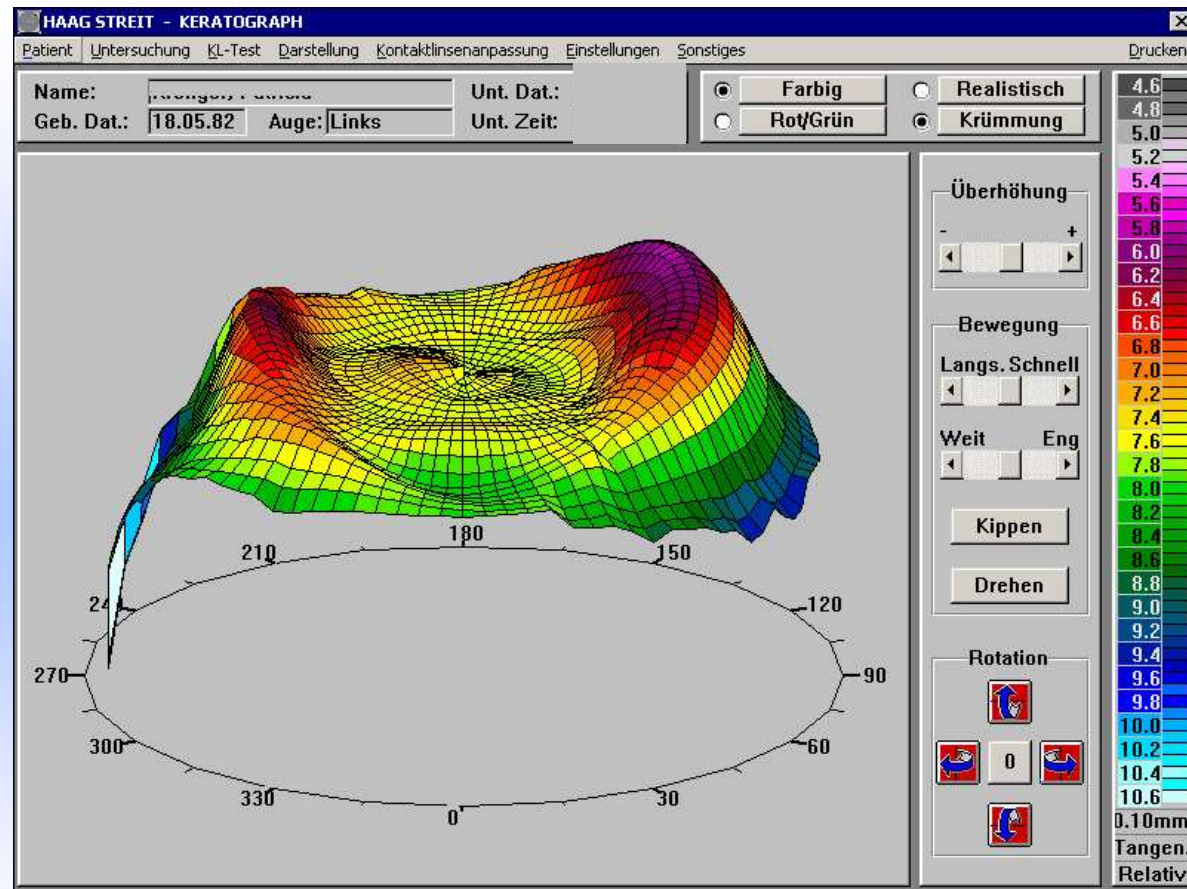


Steep Meridian



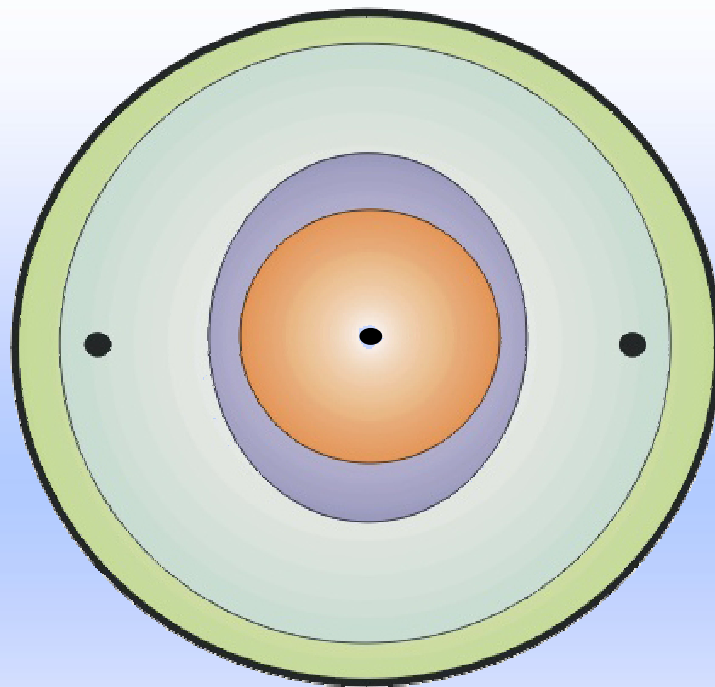
FSAOK

1. Generation Spring 2002



FOKX

2. Generation since Summer 2002

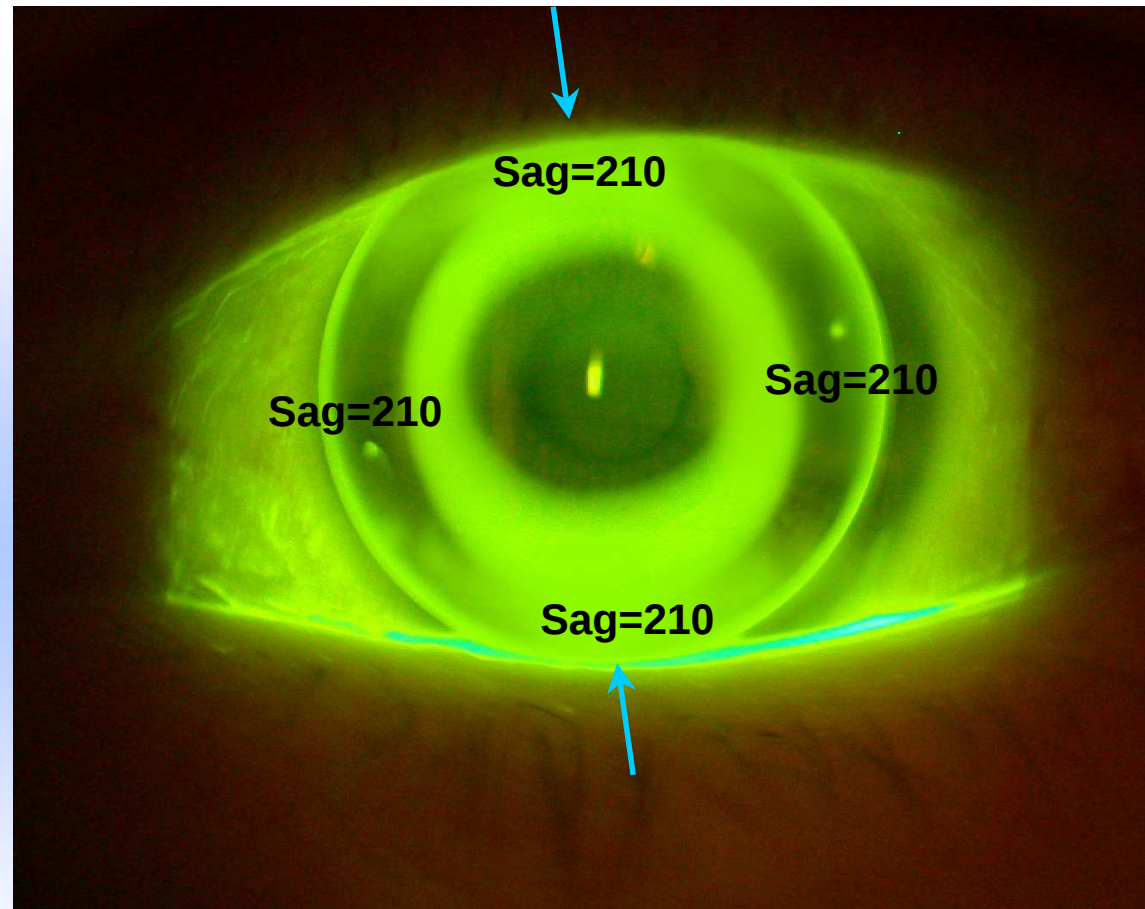


- Optic-zone
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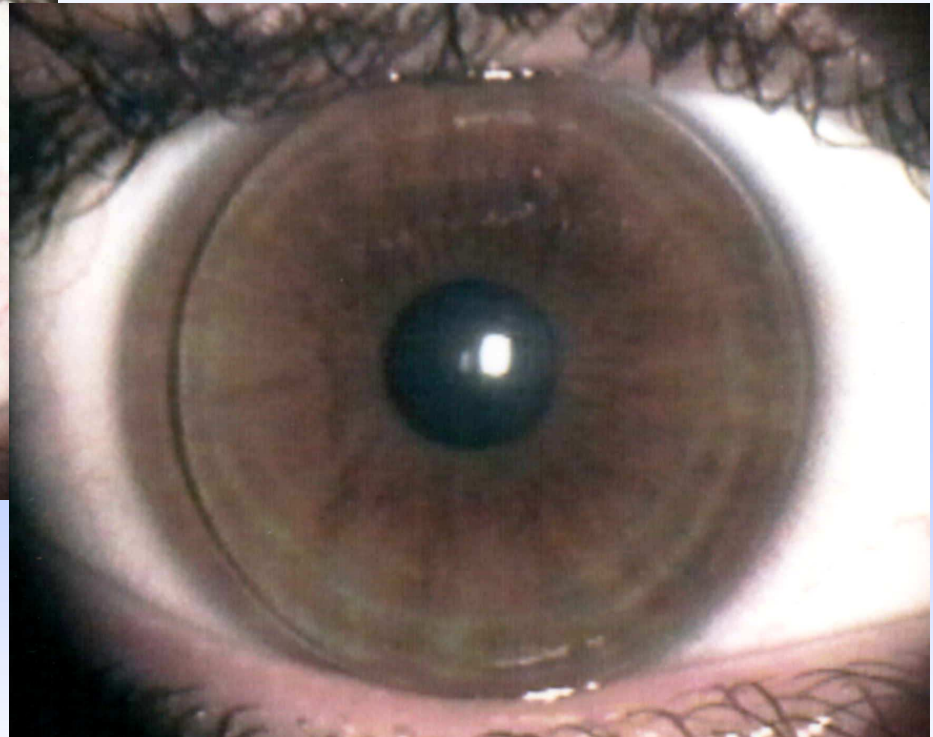
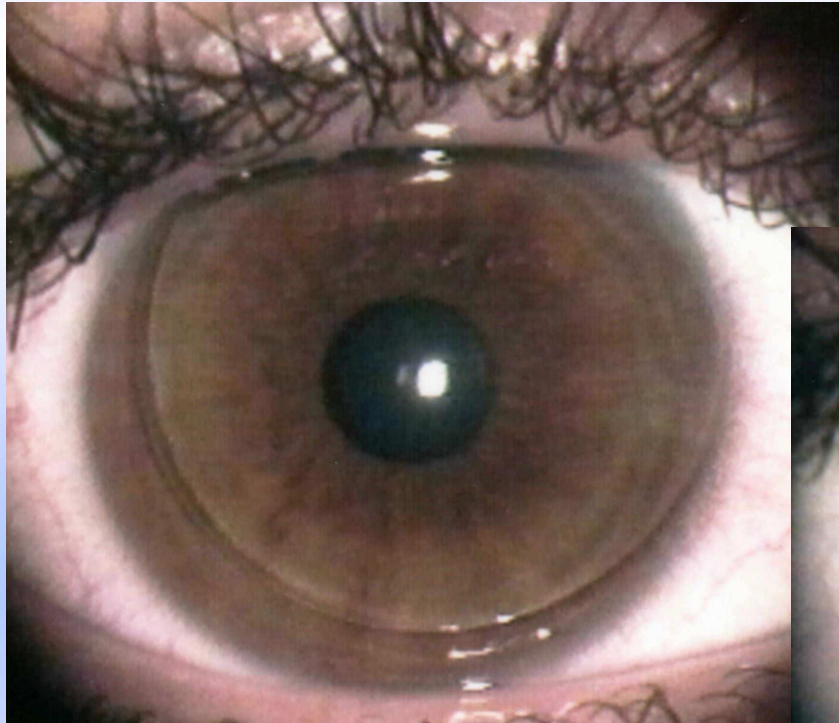


Challenge!

Fluorescein image with regular, rotation-symmetric OK lens

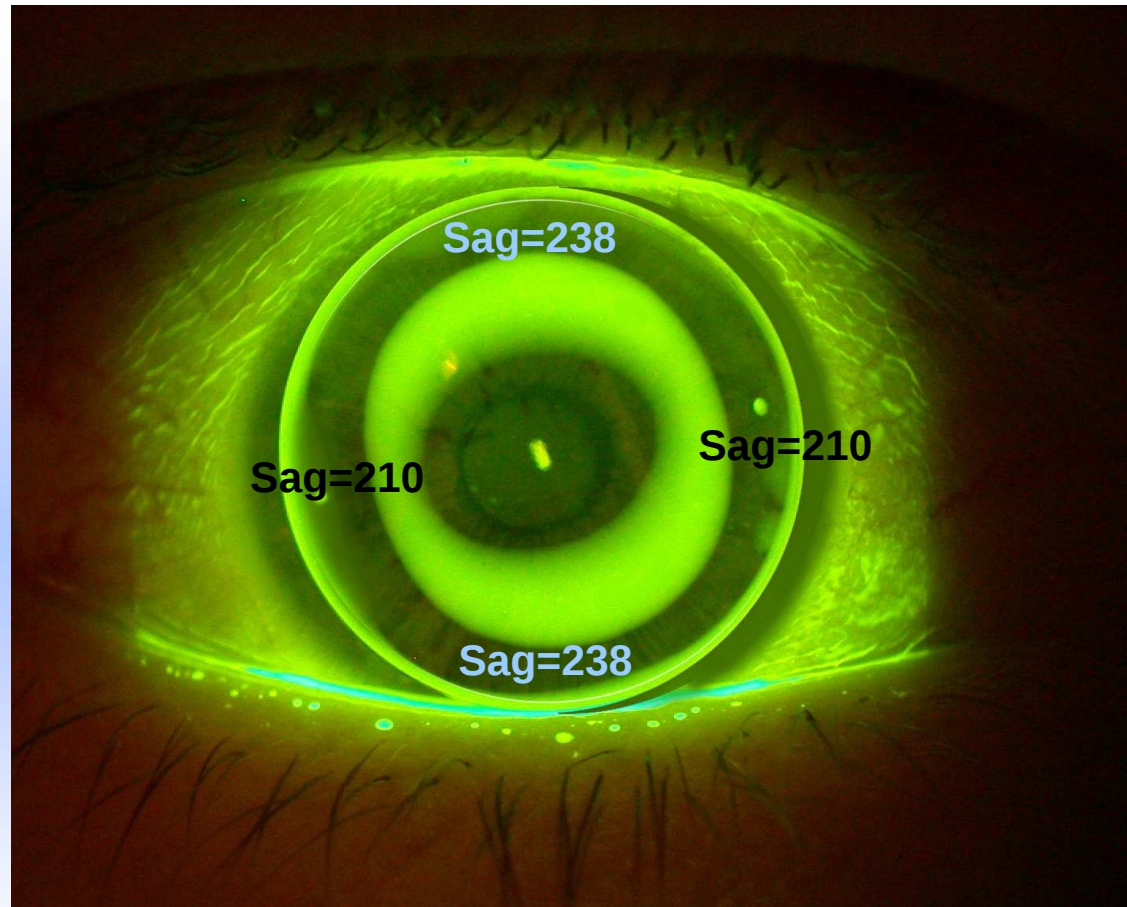


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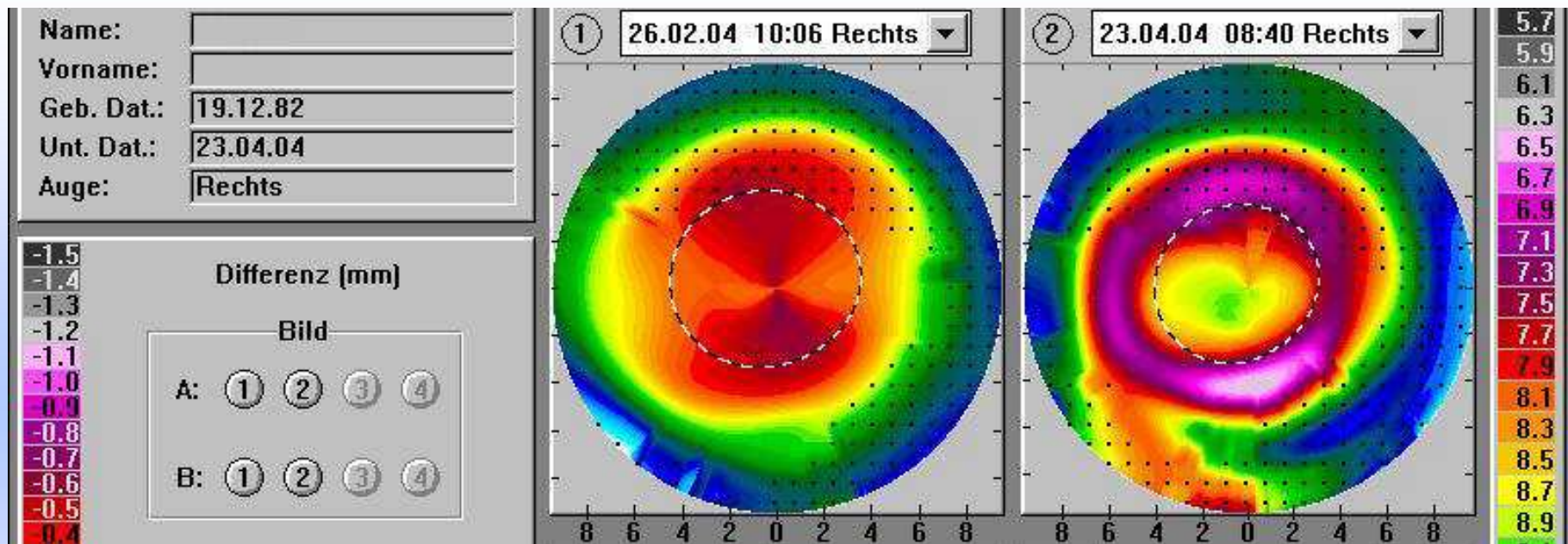


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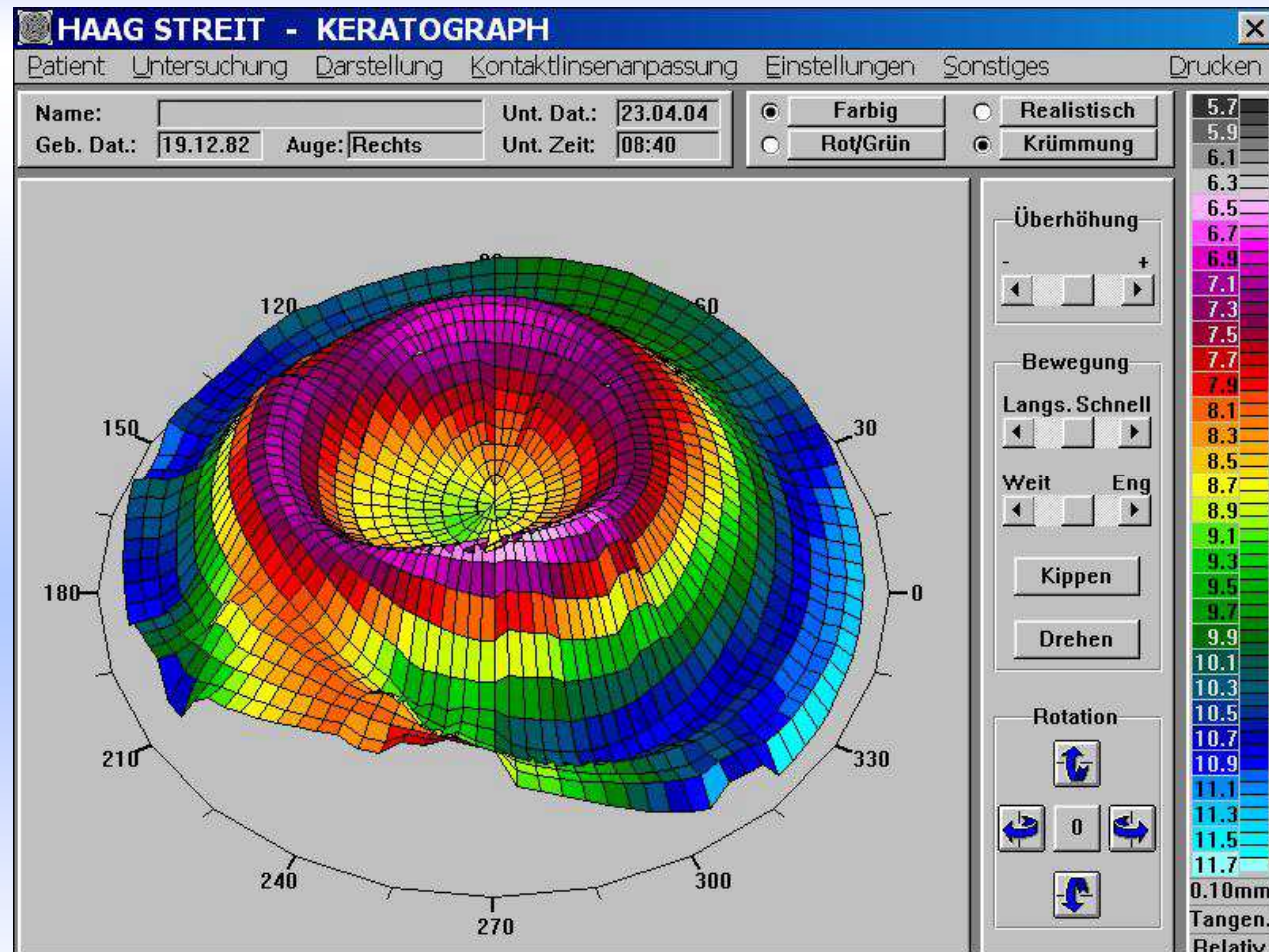
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Tangential map



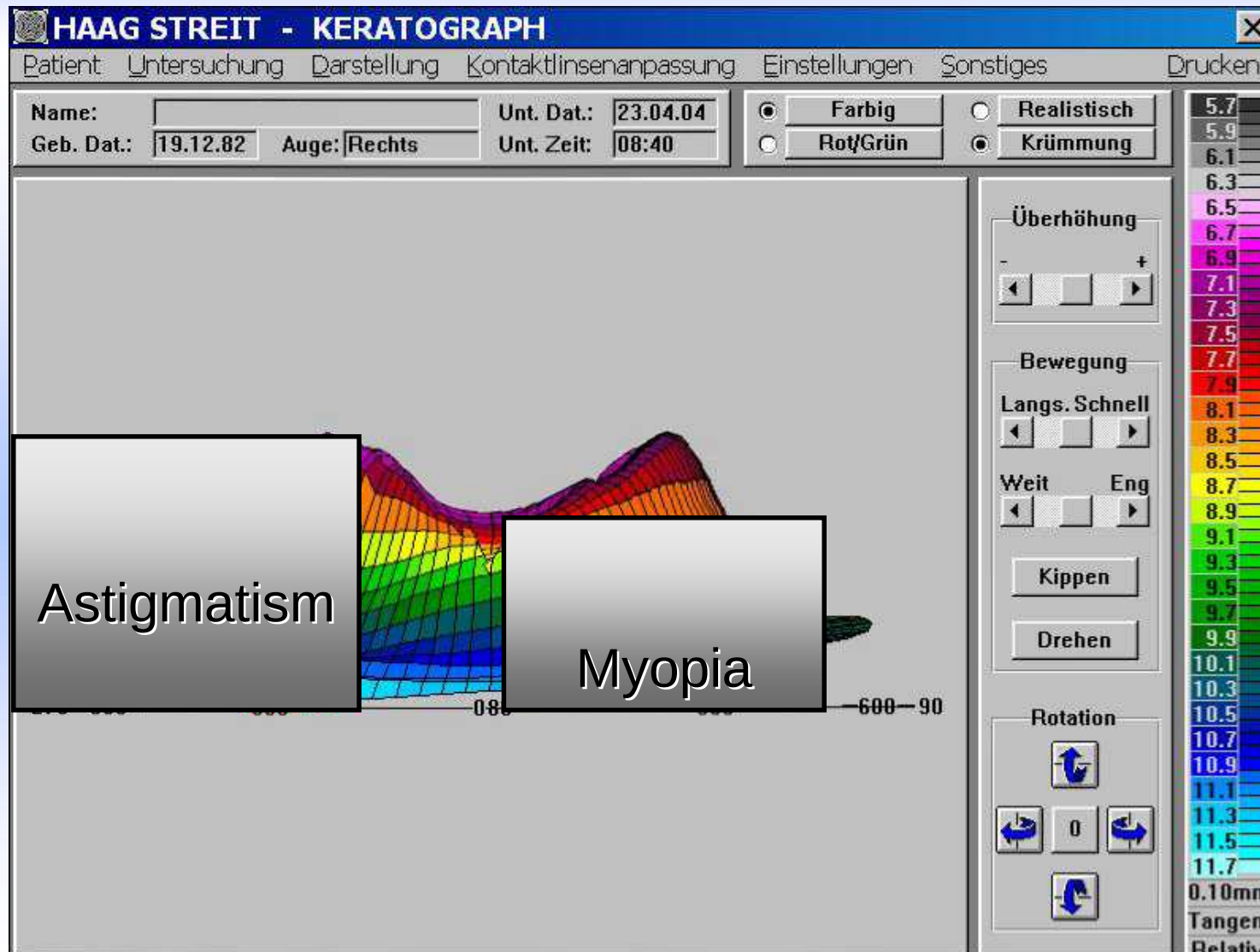
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Retrospective, multi-center study FOKX (2002-2005)

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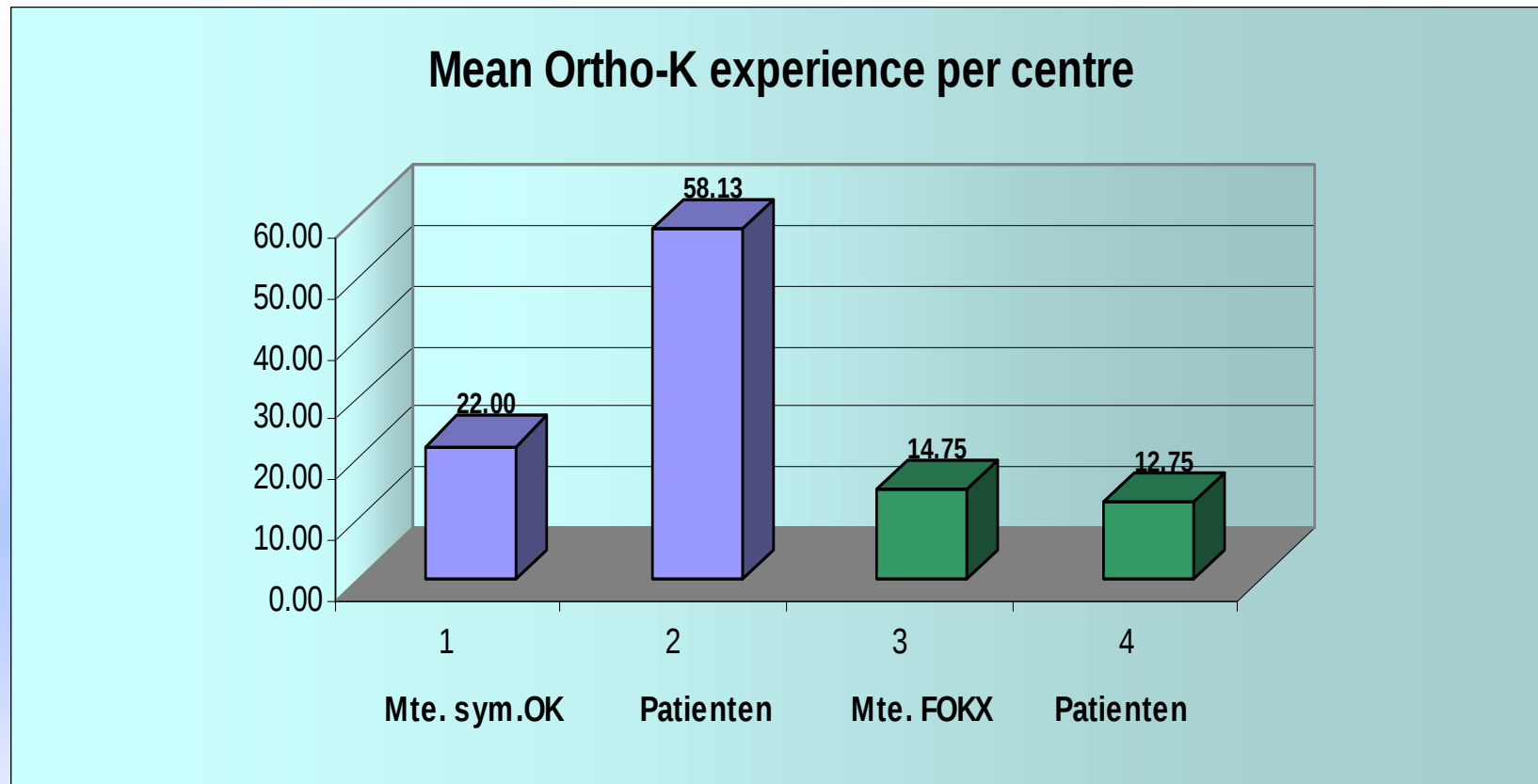


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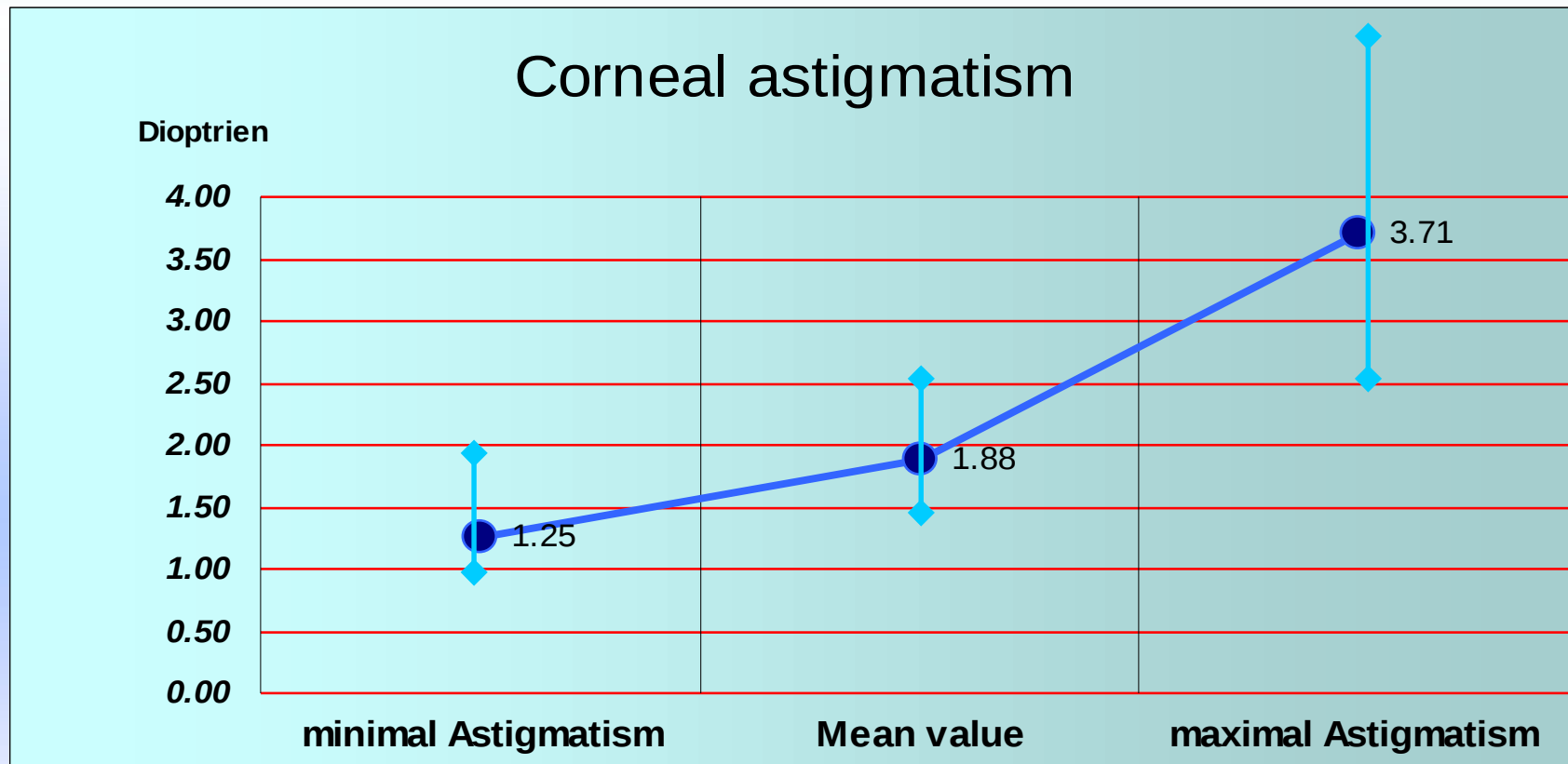
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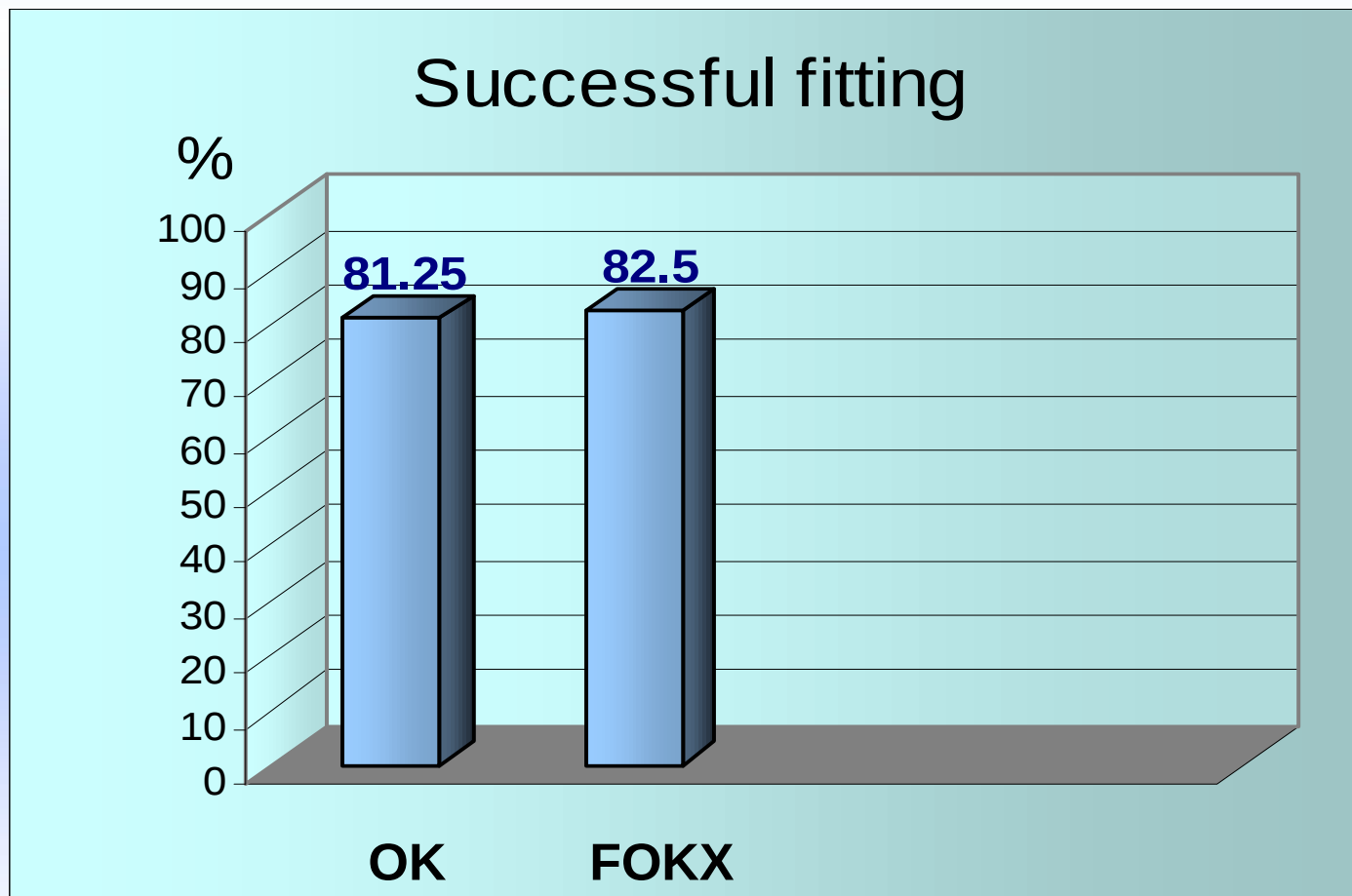
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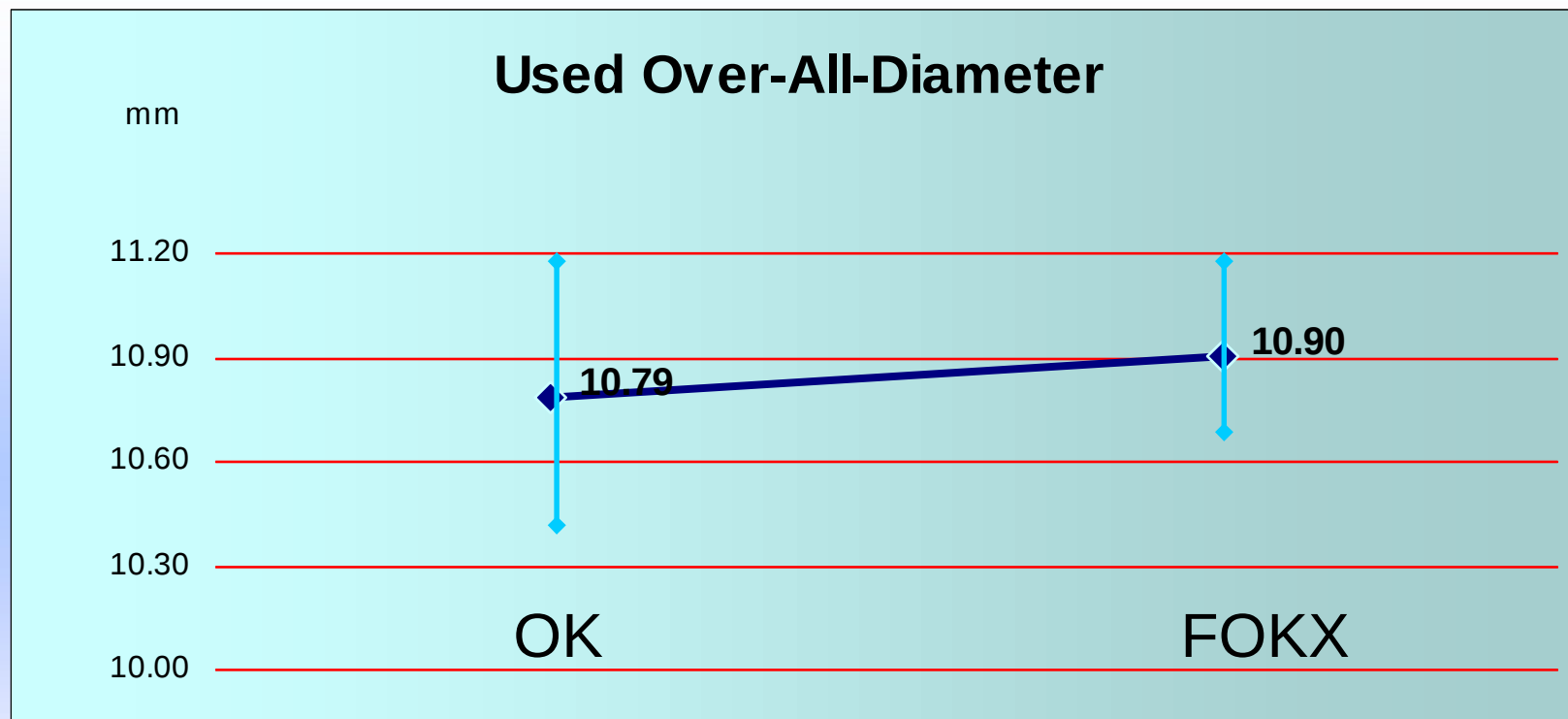
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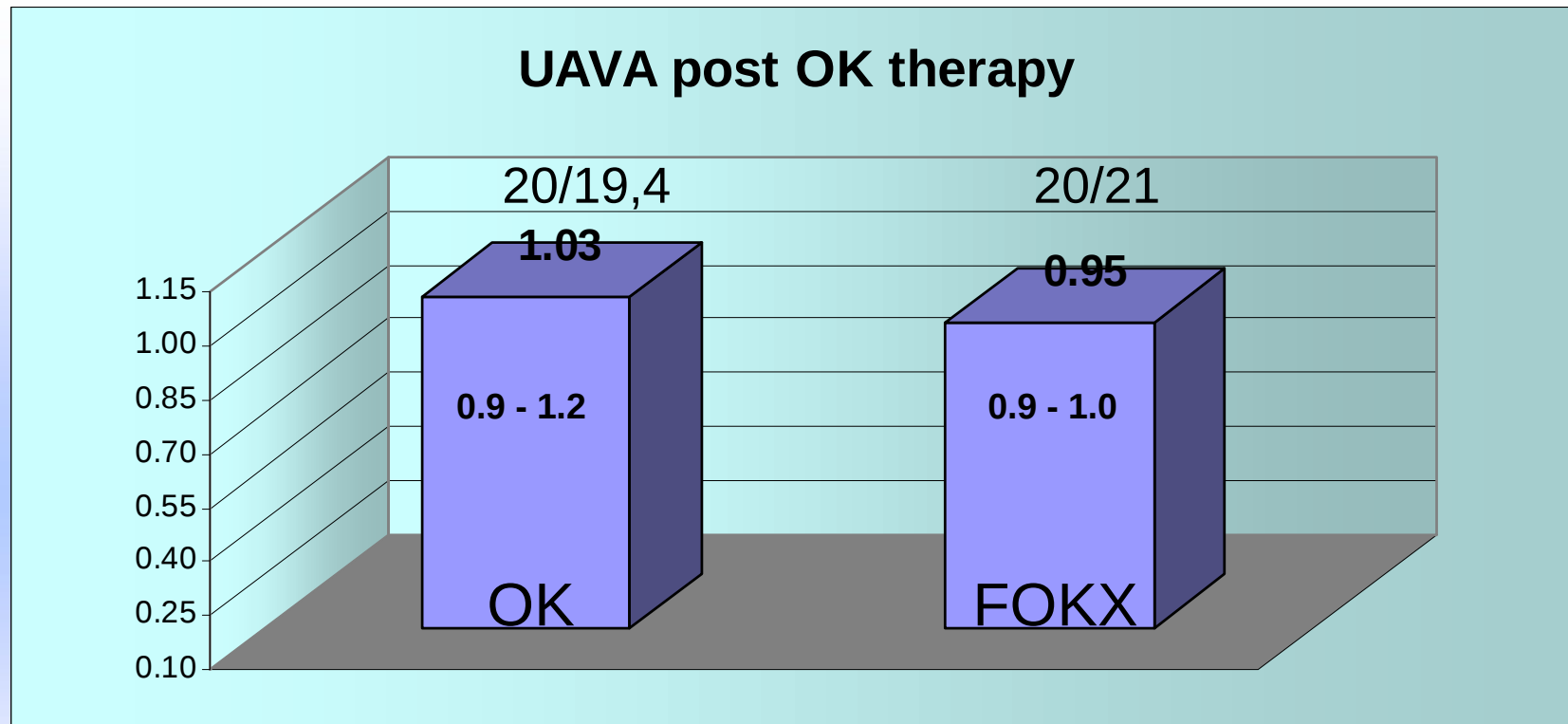
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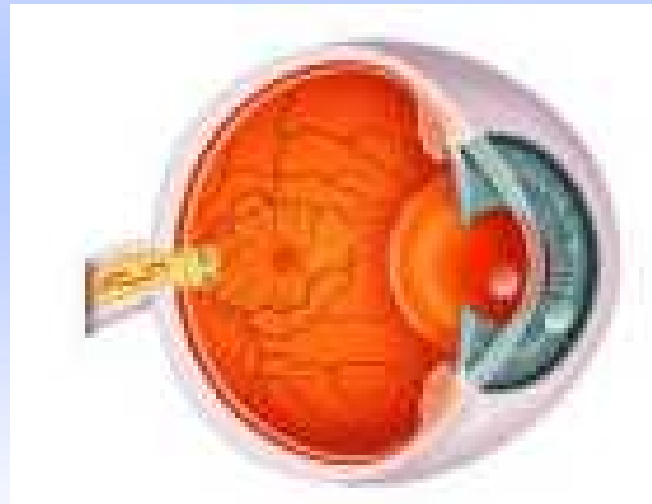
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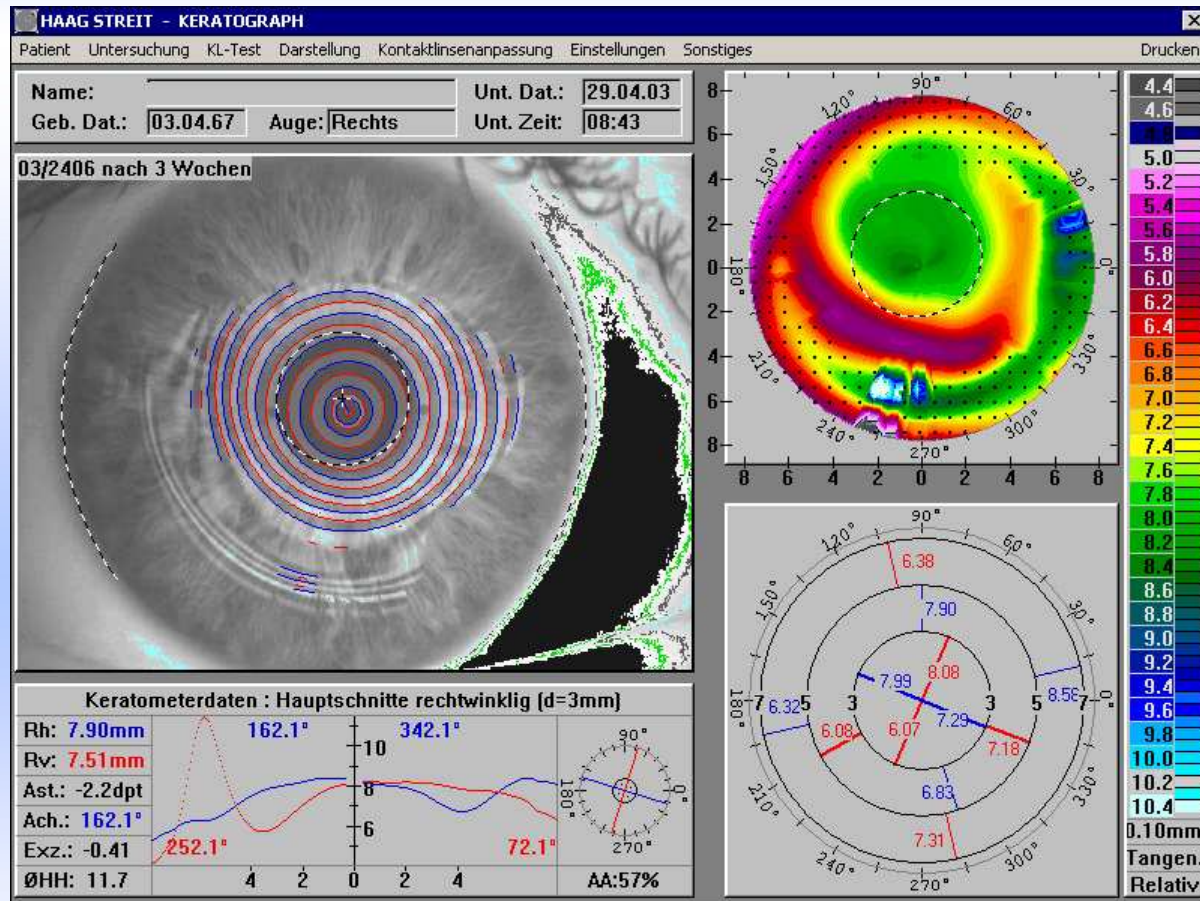


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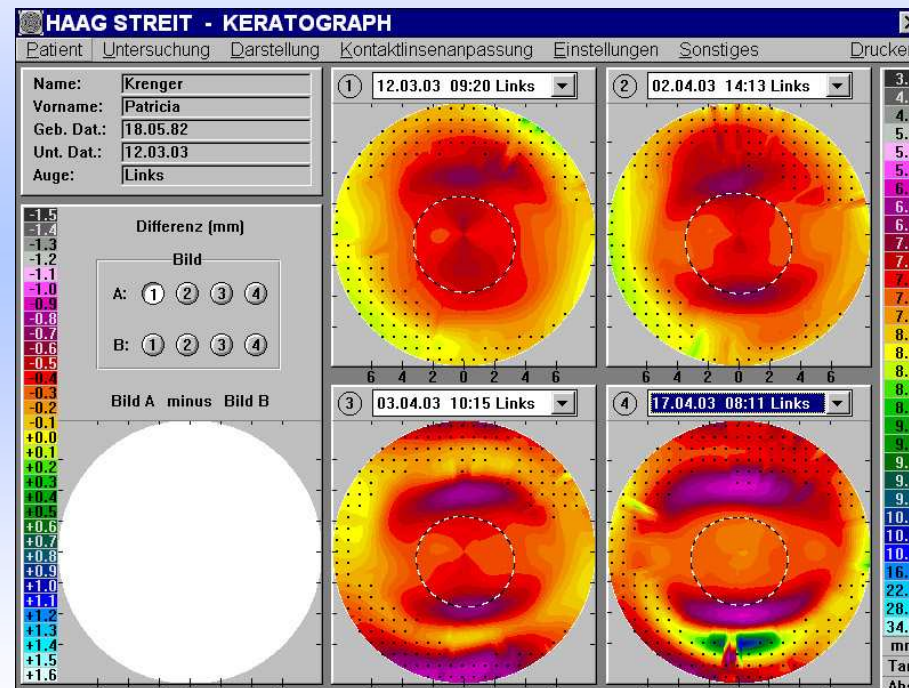


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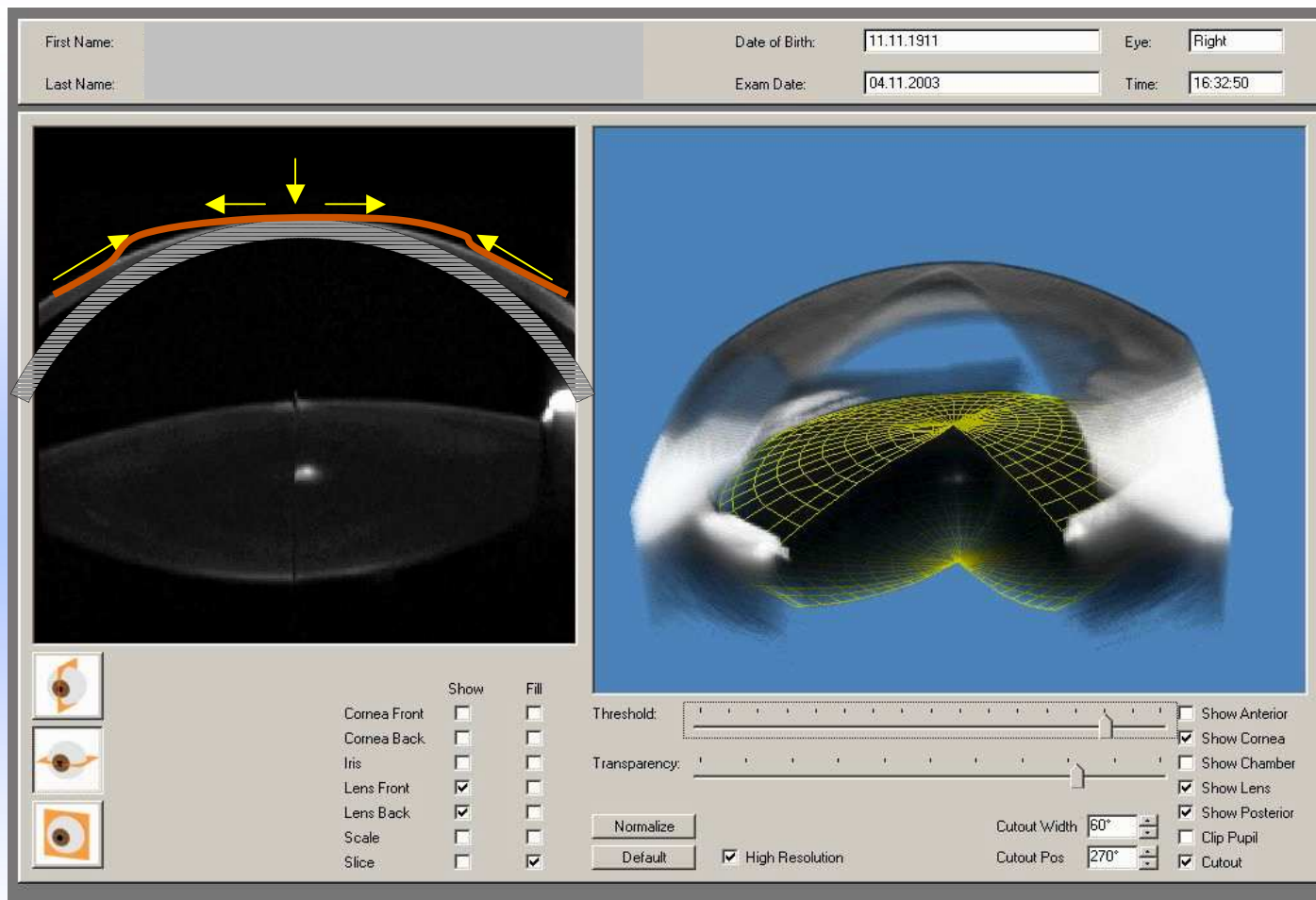


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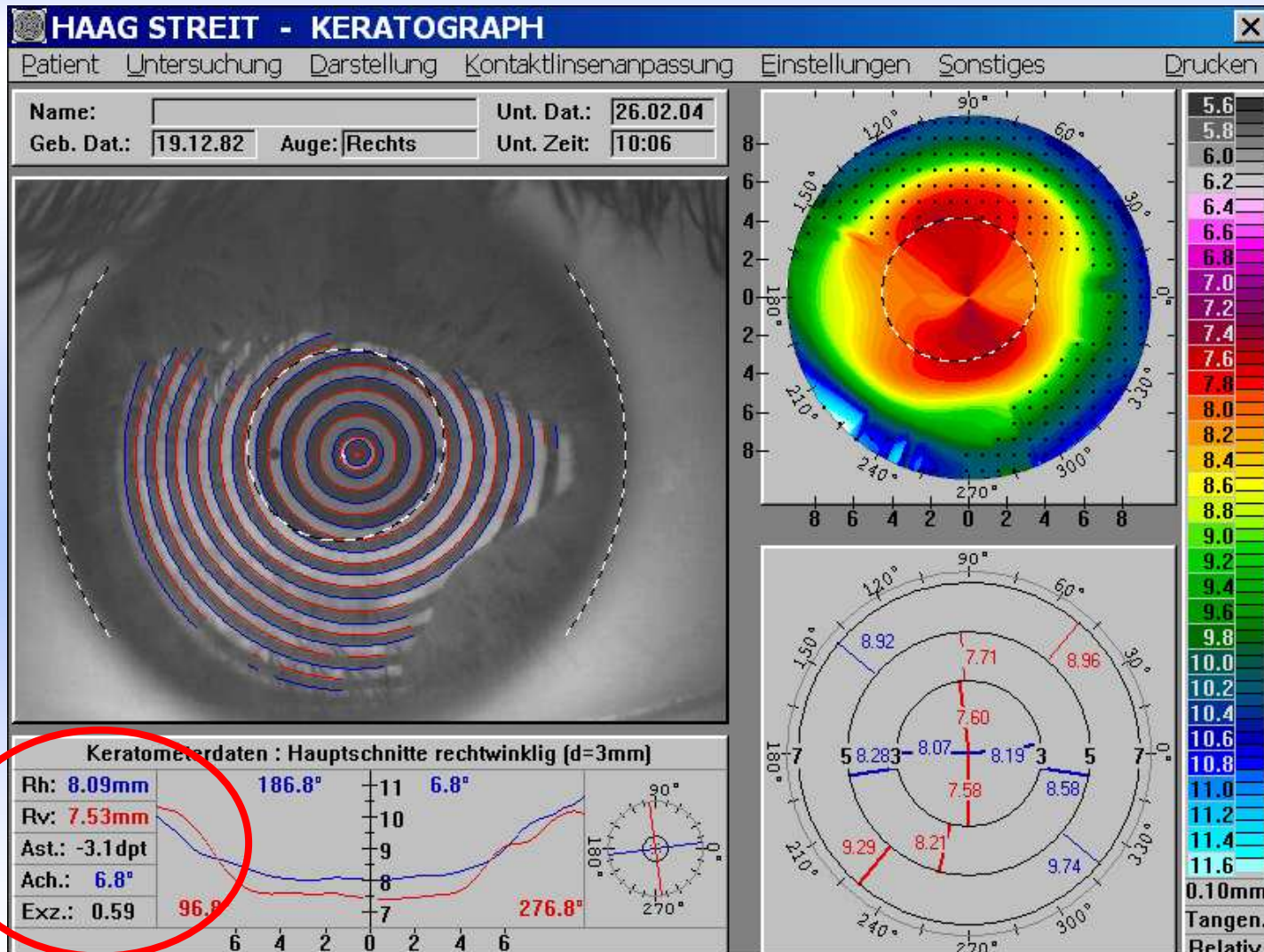
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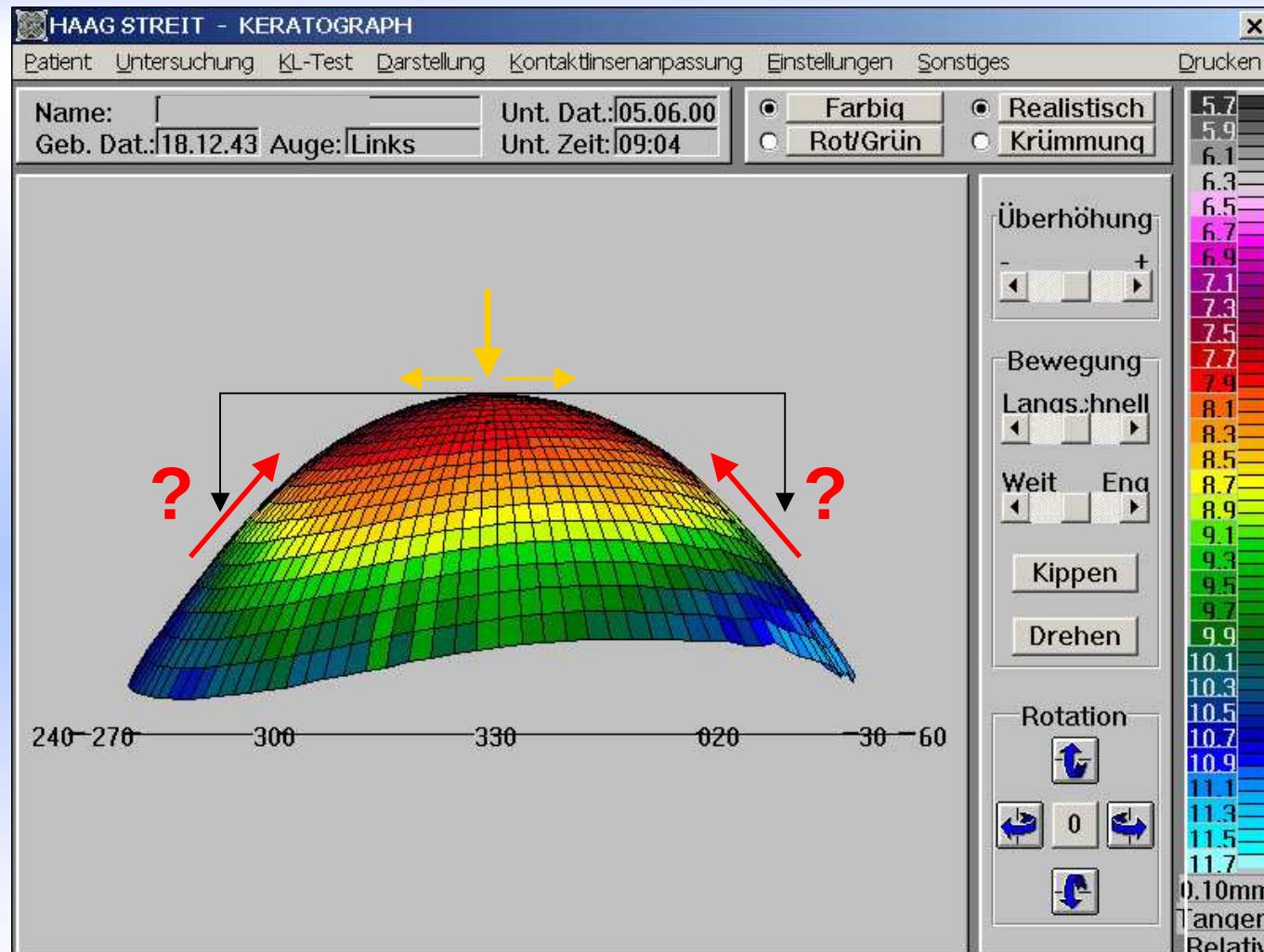
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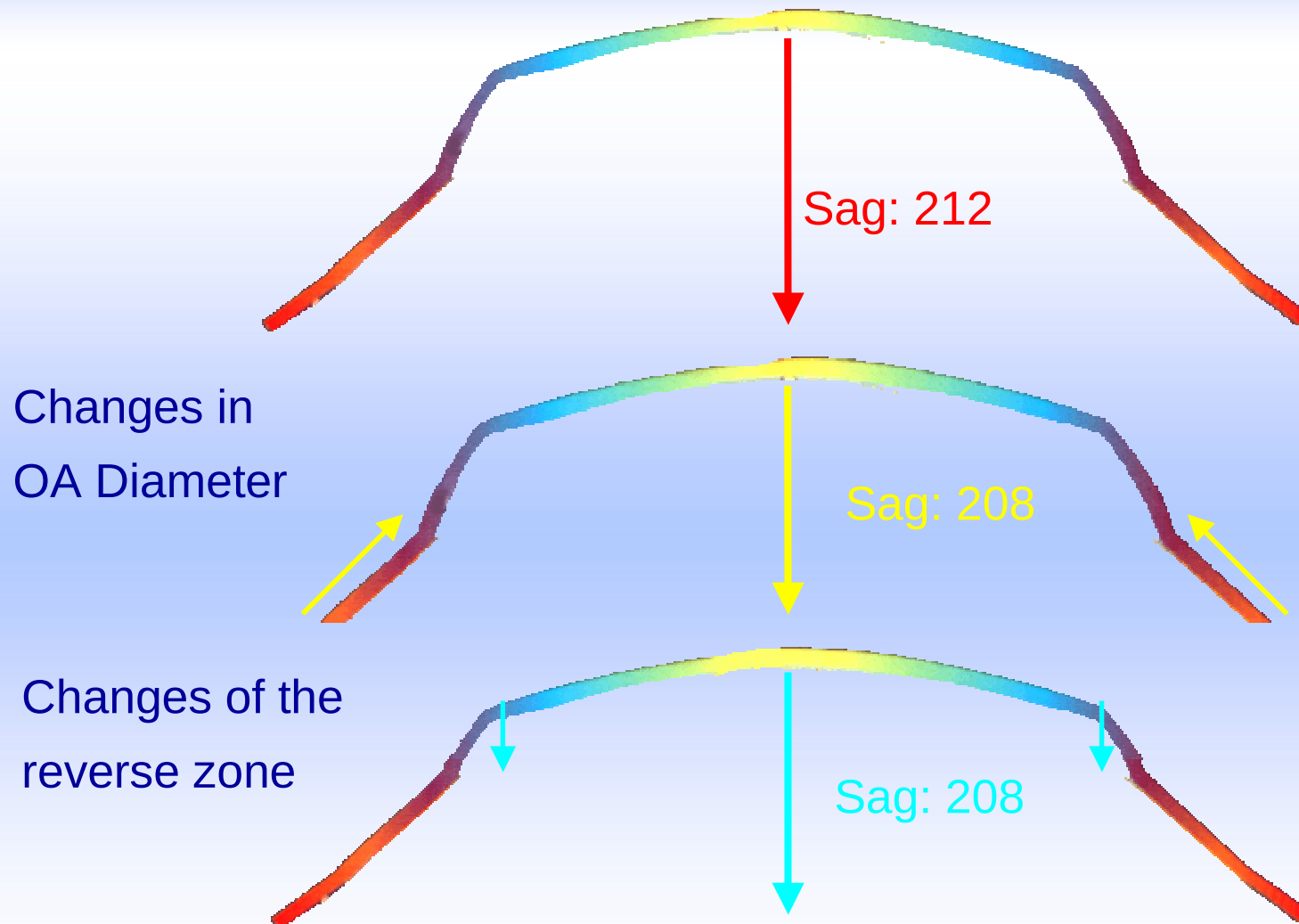
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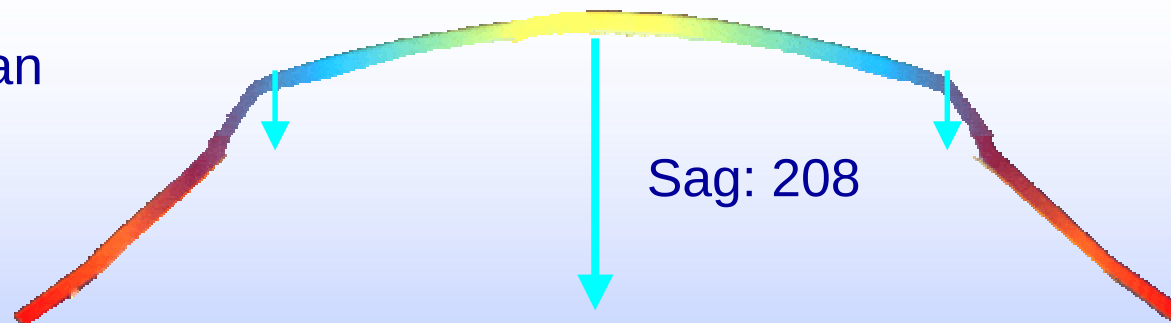


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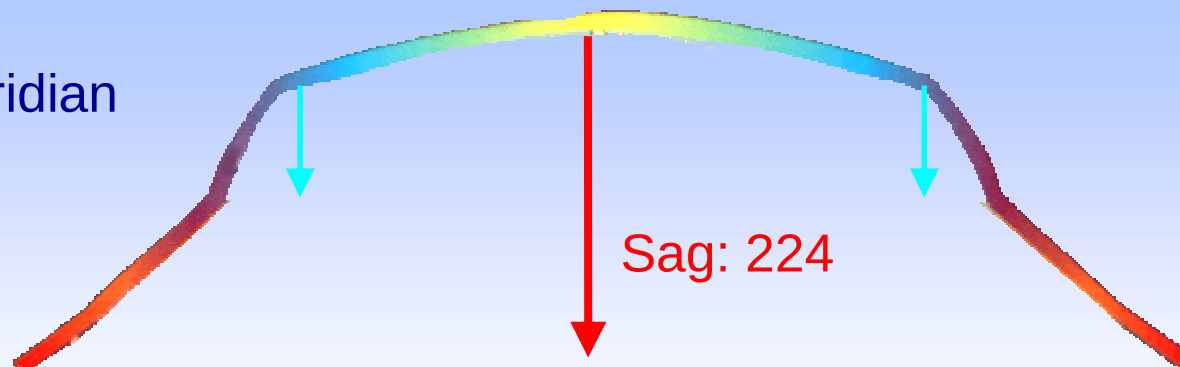


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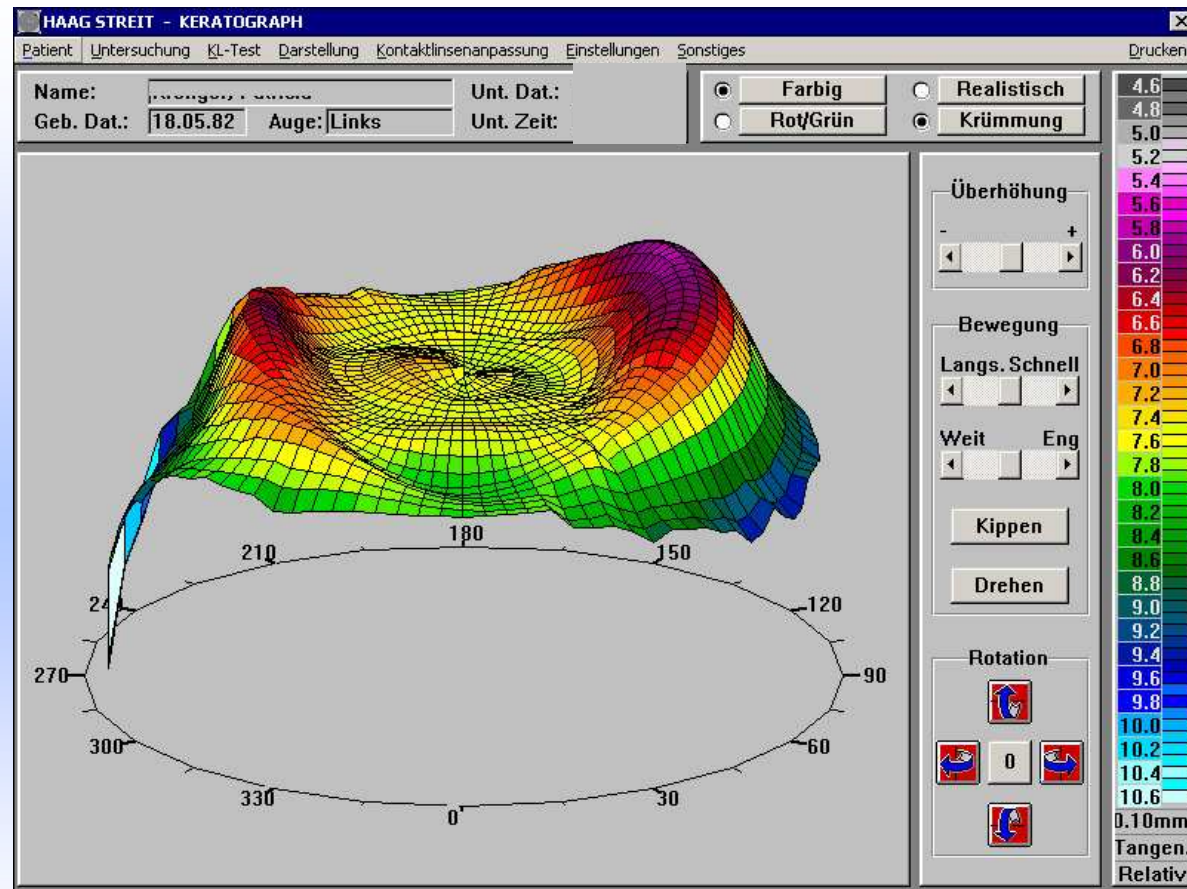


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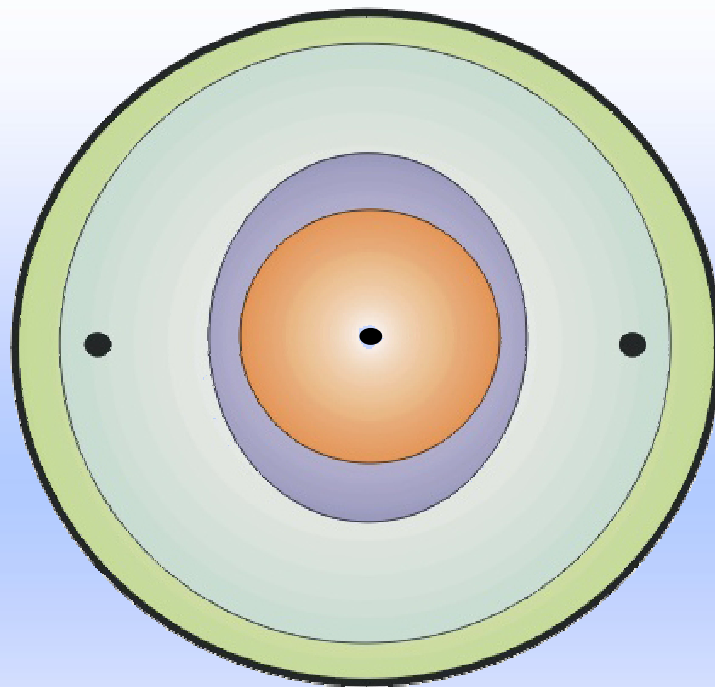
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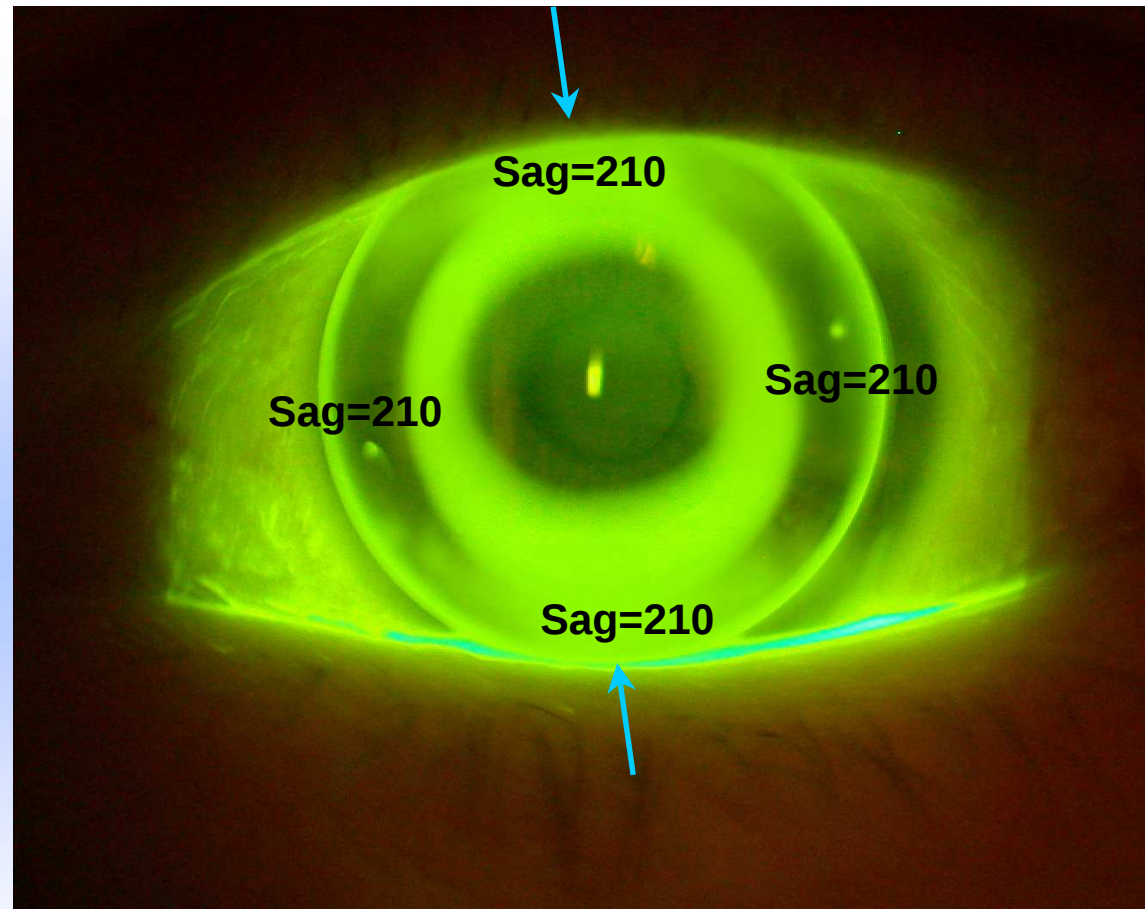


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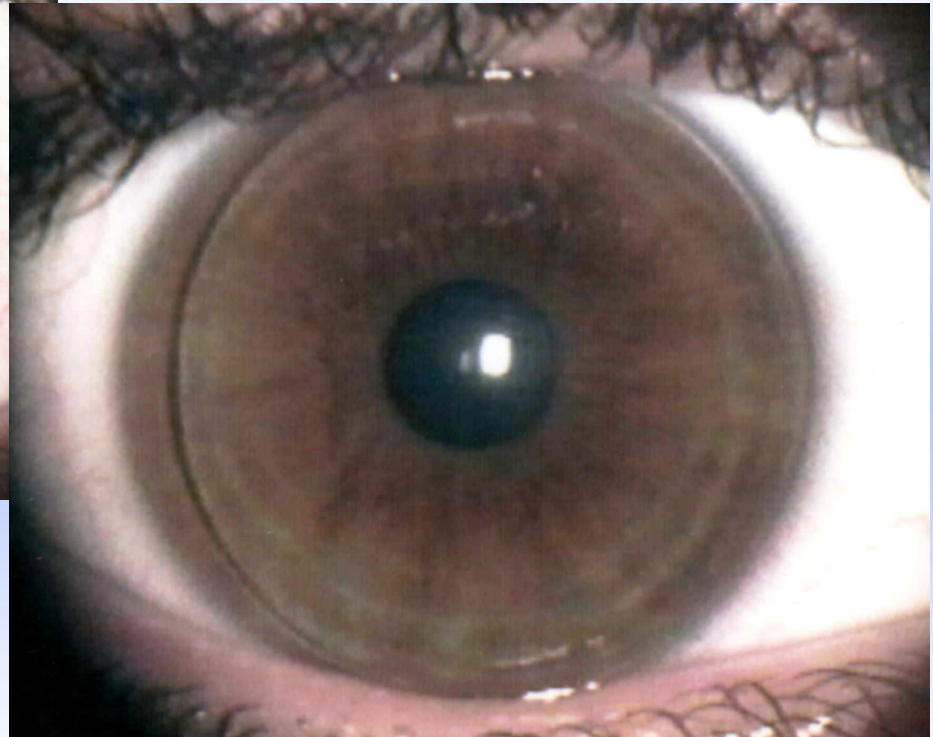
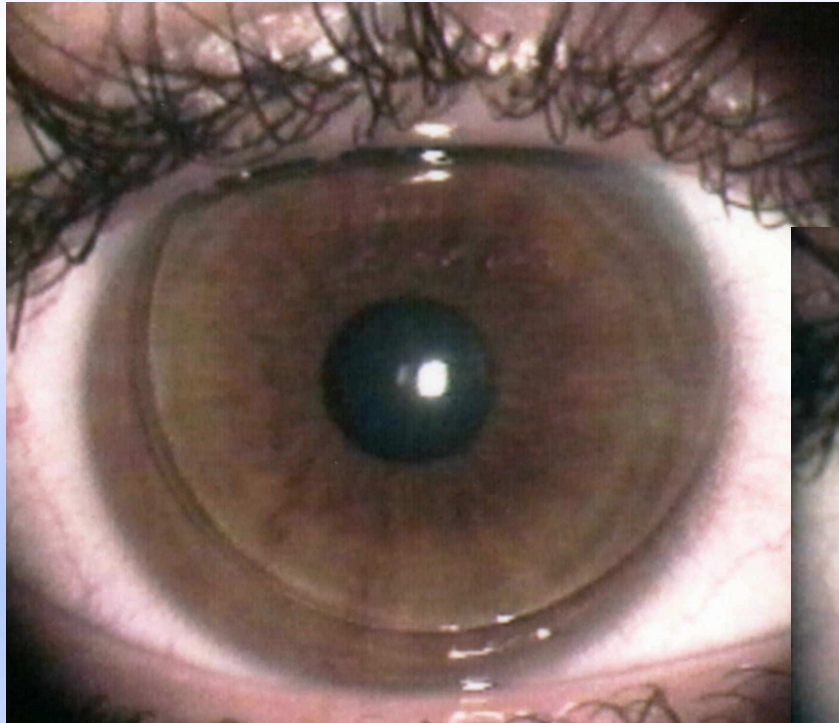


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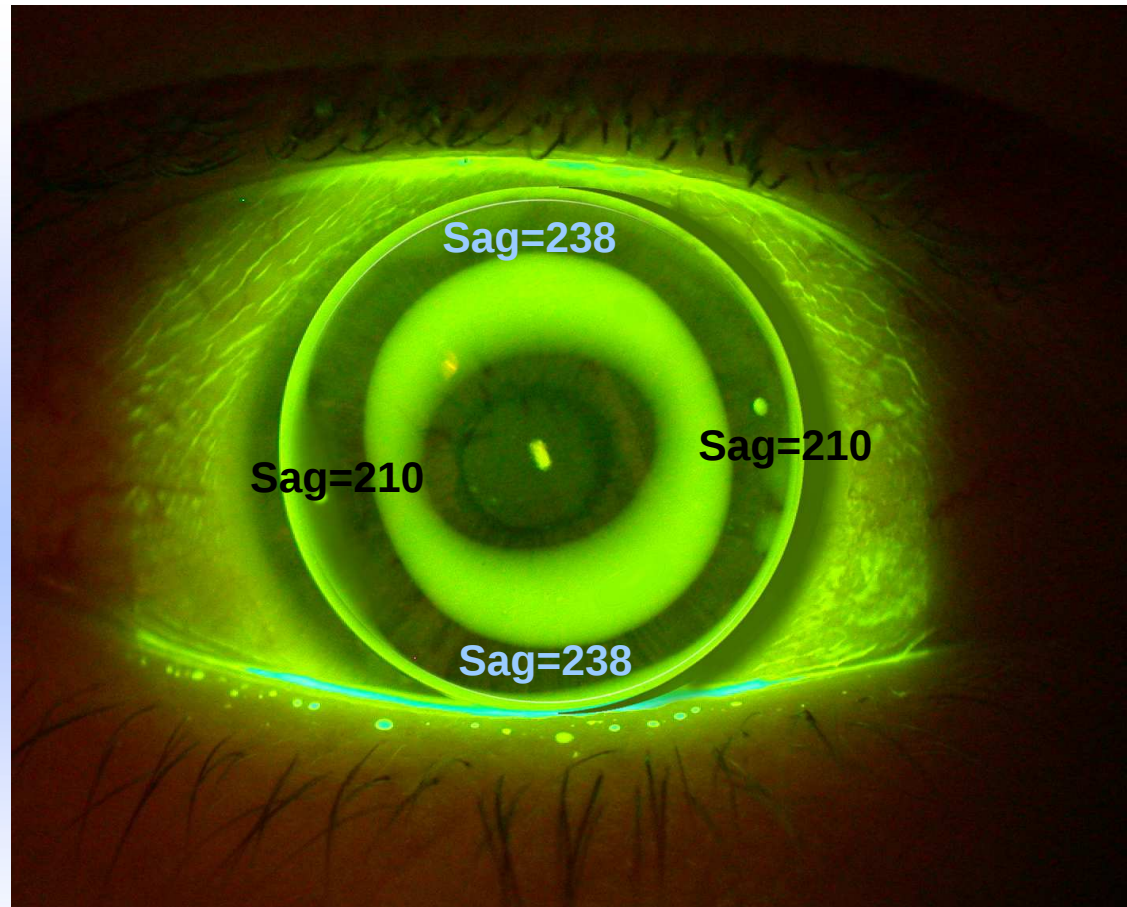


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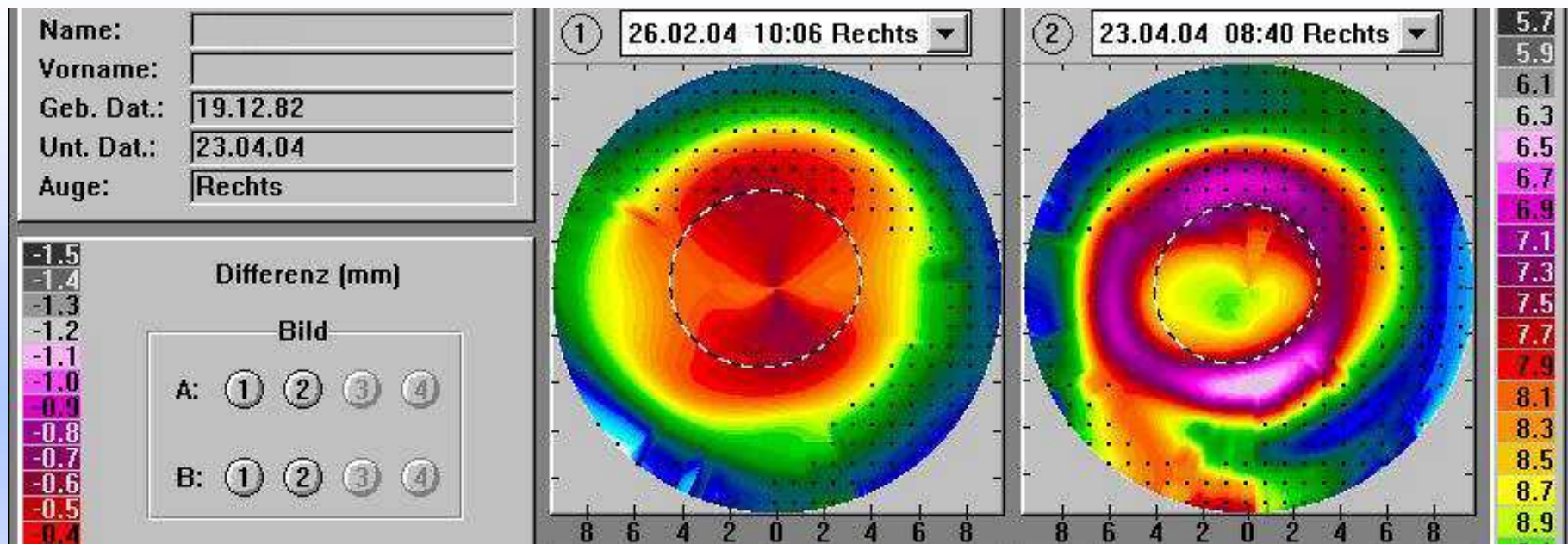


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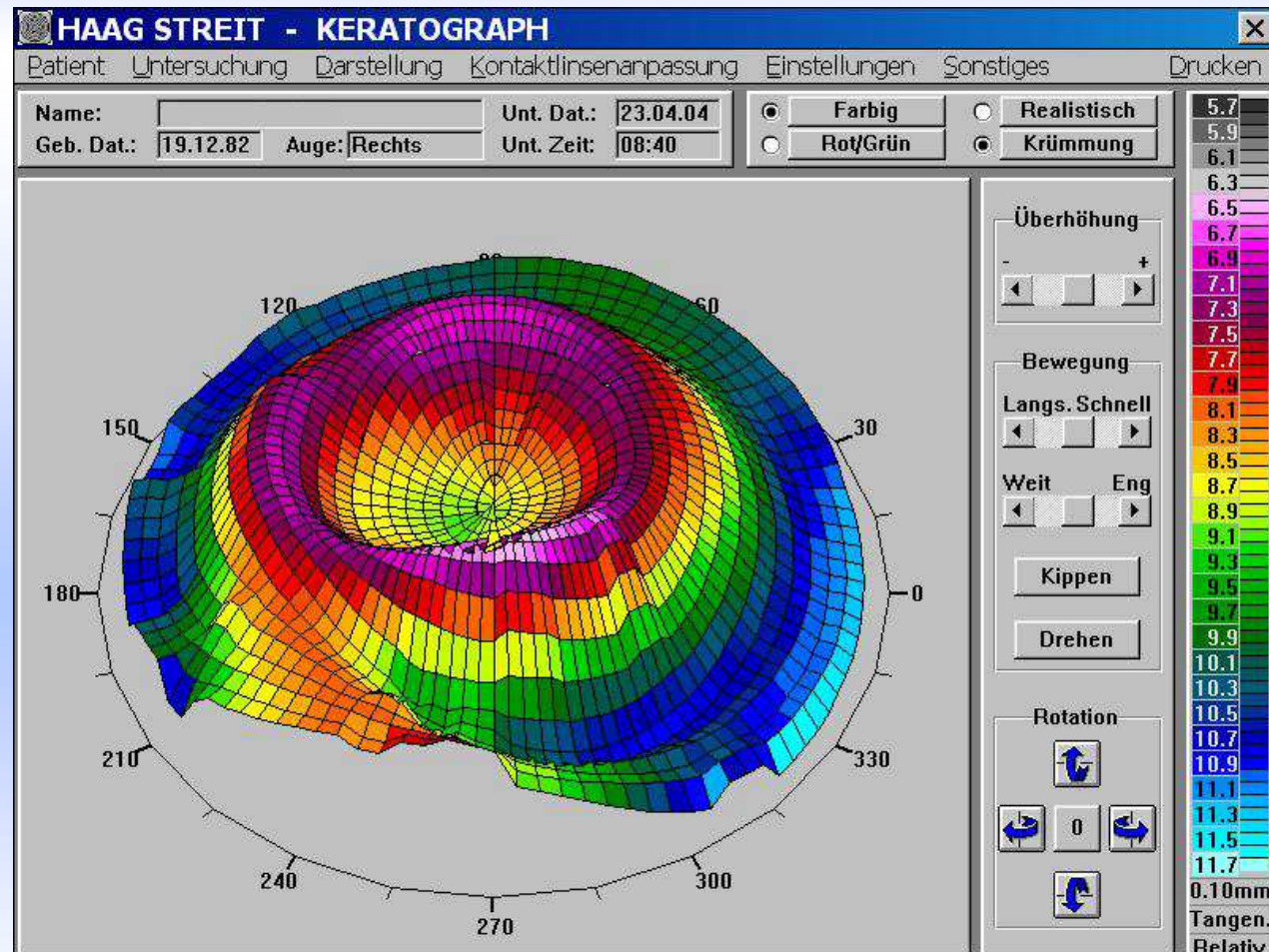
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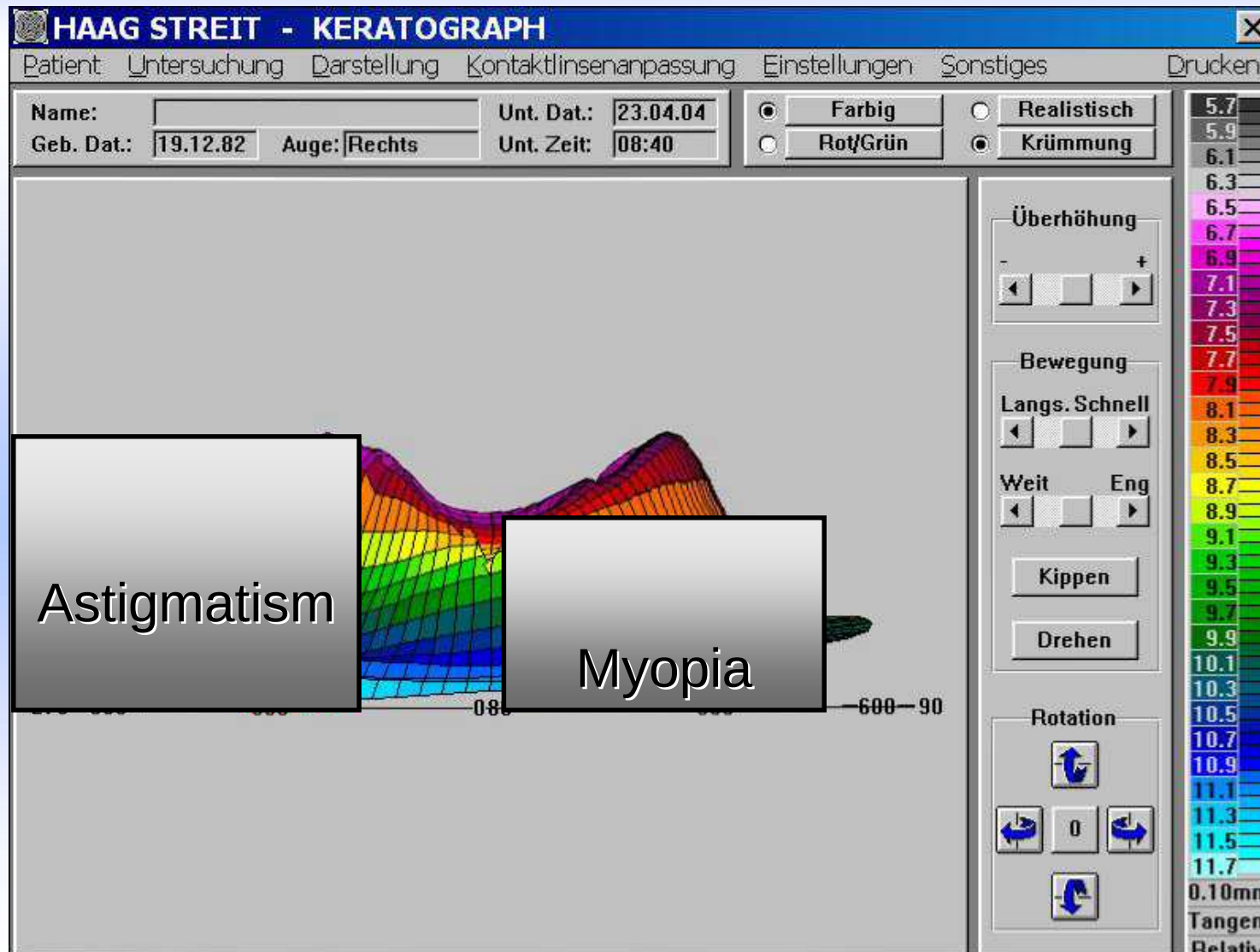
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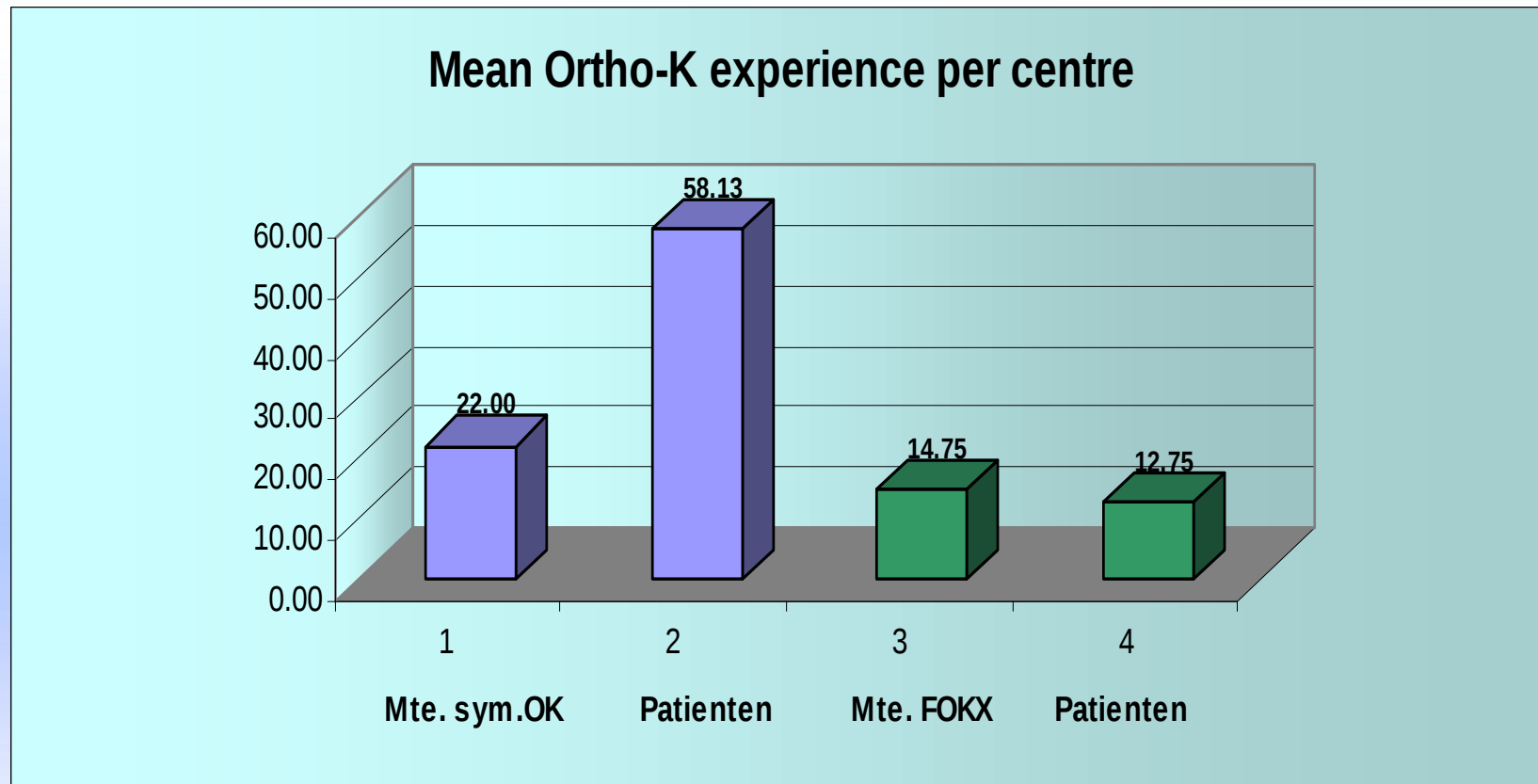


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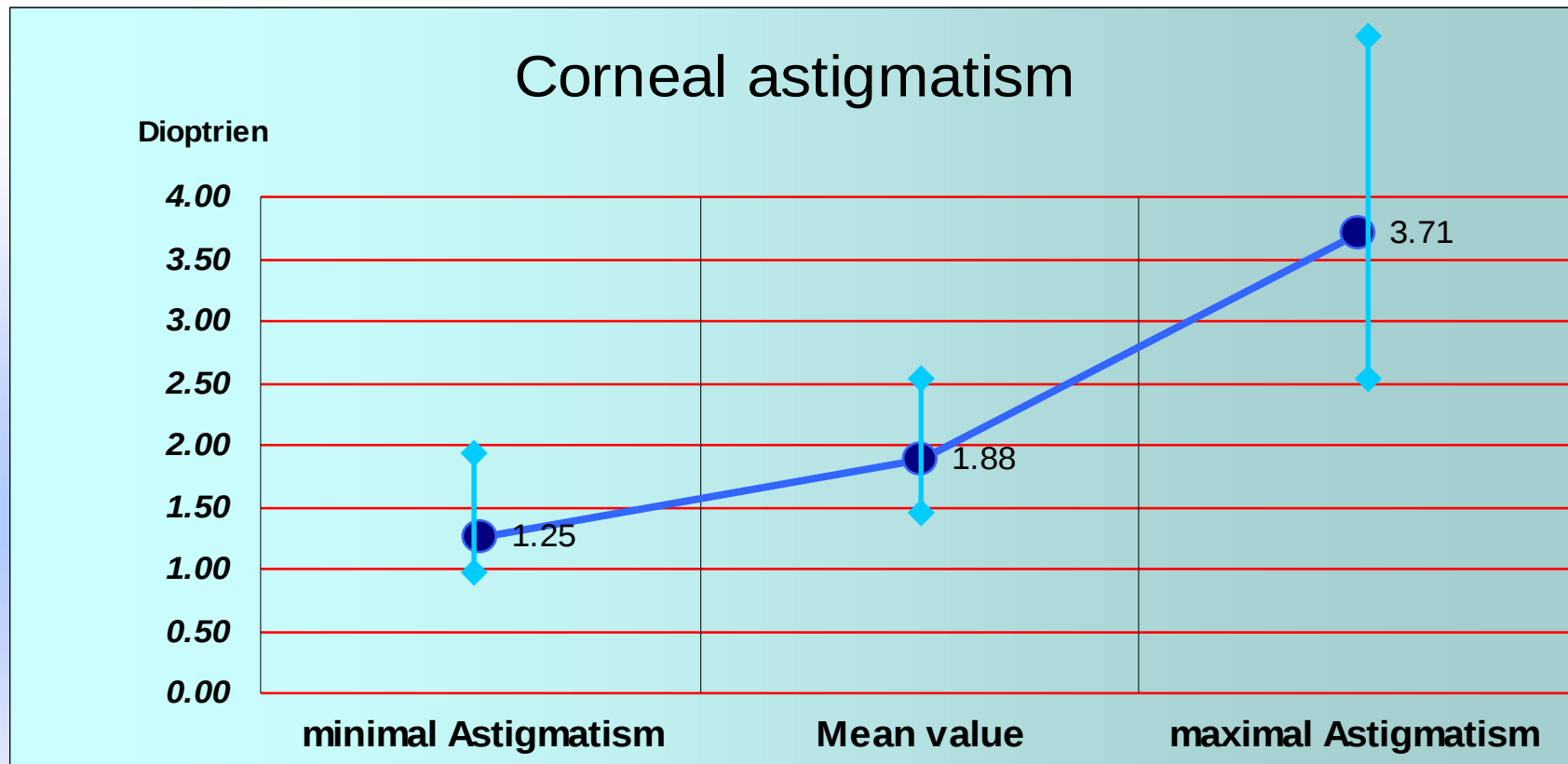
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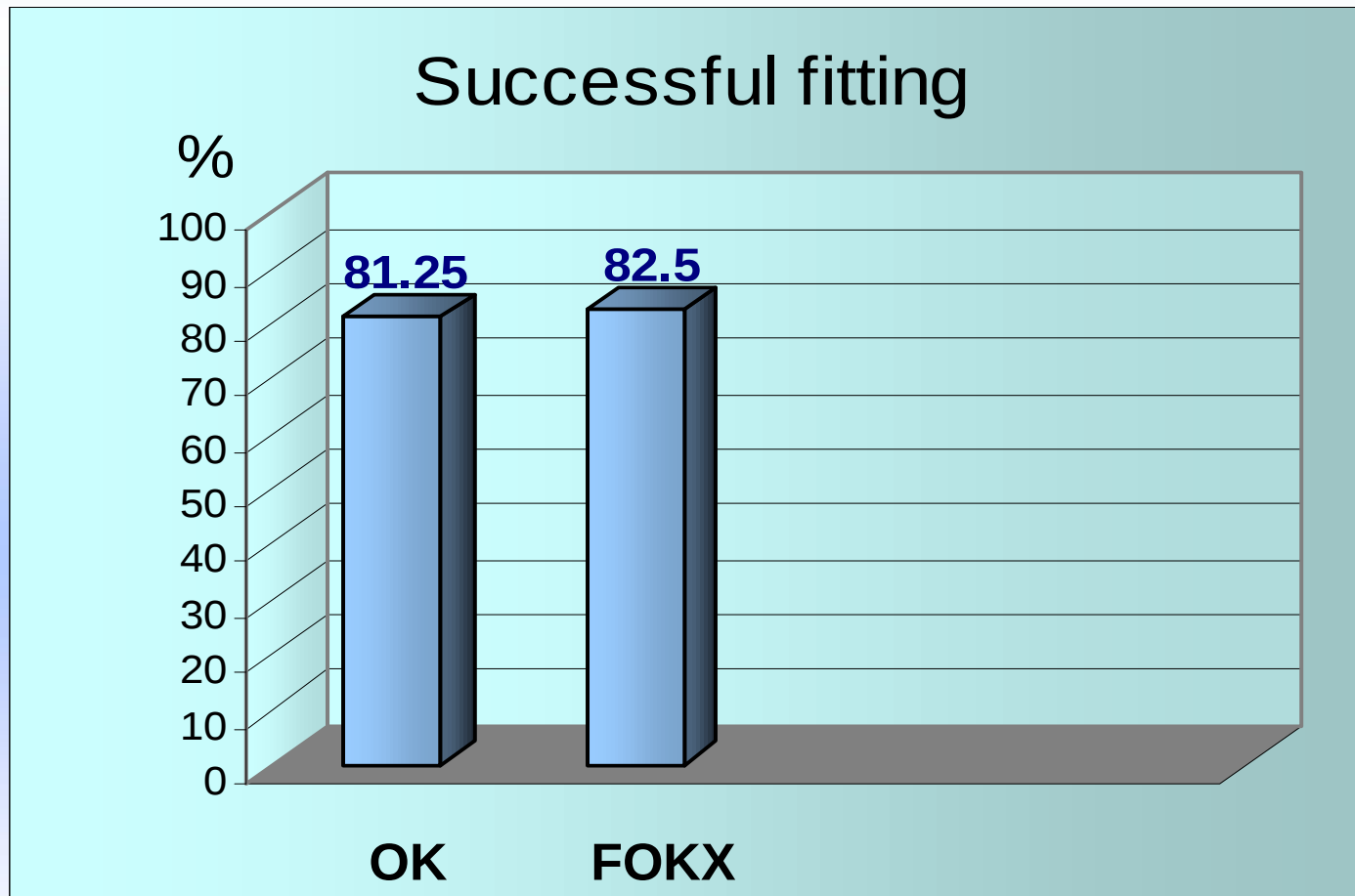
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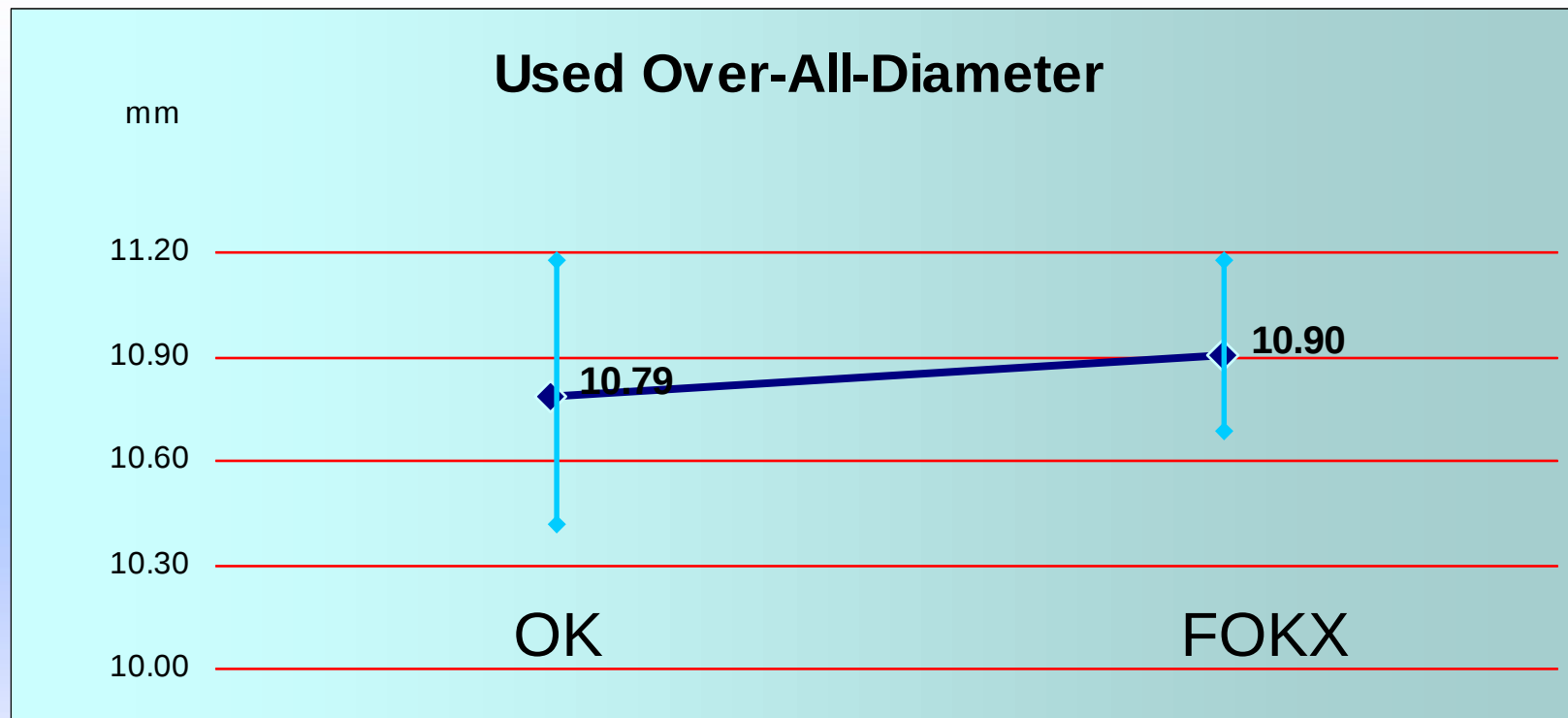
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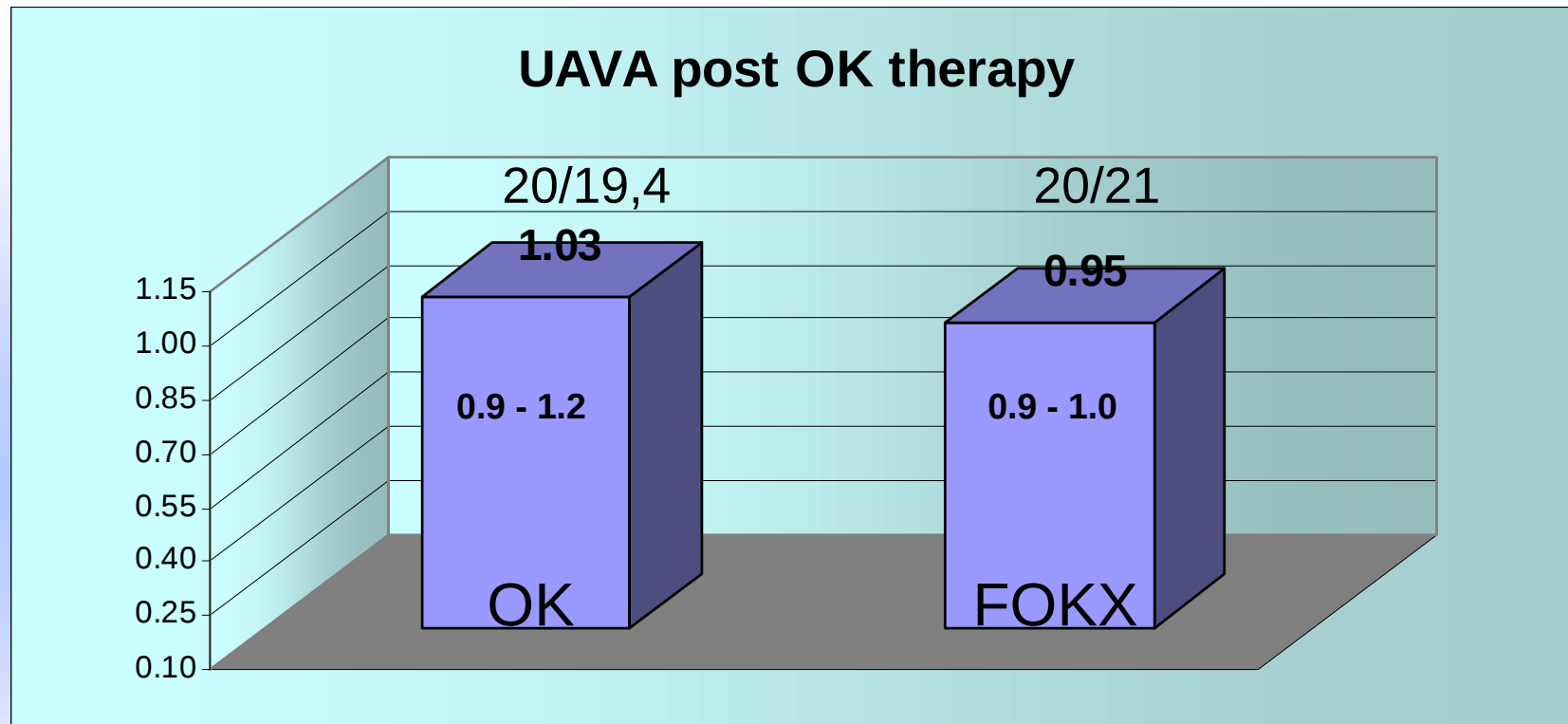
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