

OCULUS - PENTACAM Overview

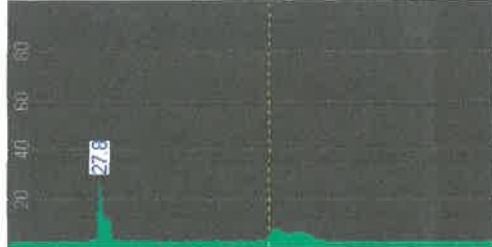
1.21/2



1/25	Segment: 60° · 240°
2/25	Segment: 68° · 248°
3/25	Segment: 75° · 255°
4/25	Segment: 83° · 263°
5/25	Segment: 91° · 271°
6/25	Segment: 98° · 279°

Contrast Normal

Adjust Image

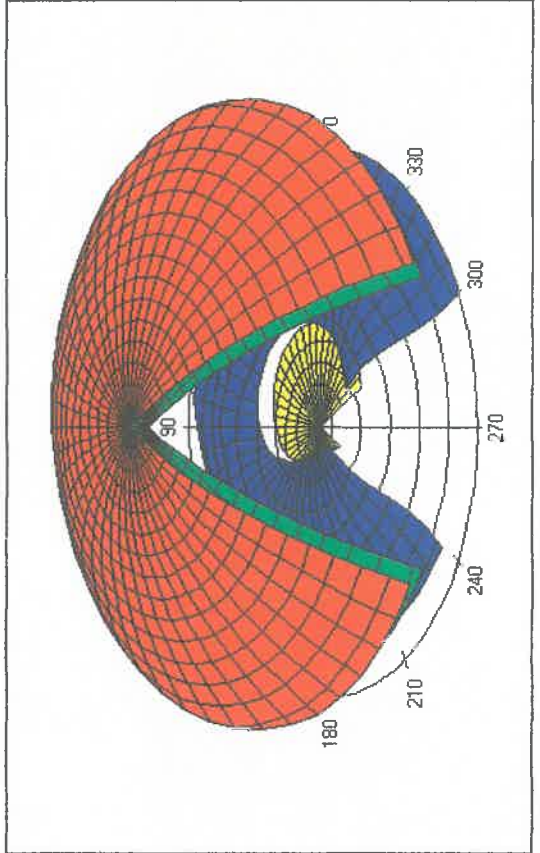
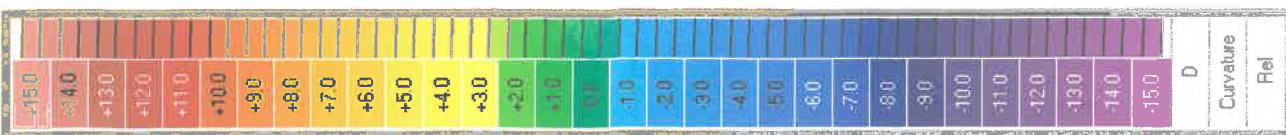


Last Name: _____
 First Name: TOH SENG
 ID: 700647
 Date of Birth: 11/28/1985 Eye: Right
 Exam Date: 01/08/2018 Time: 14:25:19

K1: 34.3 D Astig: 3.1 D
 K2: 37.4 D Q-val: 0.99
 AXIS: 38.4° (steep) QS: OK

Pachy: x(mm) y(mm)
 Pupil Center: + 393 µm +0.72 +0.24
 Thinnest Locat: O 390 µm +1.04 +0.42

Chamber Volume: 247 mm³ Angle: 45.7°
 A. C. Depth (Ext.): 4.15 mm Pupil Dia: 2.75 mm
 Enter IOP: IOP(Sum): +5.2 mmHg Ø Cornea: 12.7 mm

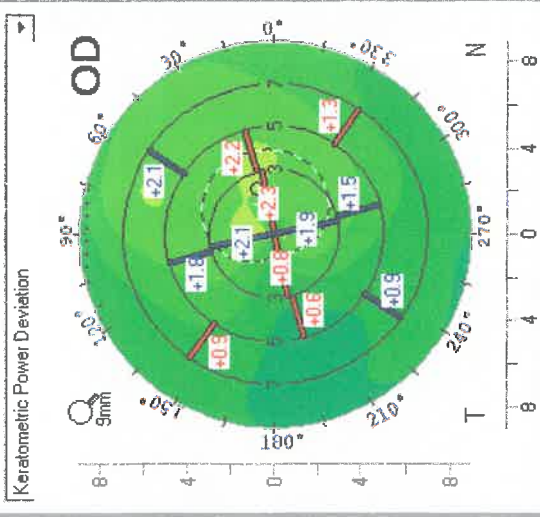


Normalize Animate

Show Cornea Front Cornea Back Iris Lens Front Lens Back Scale

Fill

Cutout Width: 60°
 Cutout Pos: 270°



Oculus Optikgeräte GmbH
 Münchholzhäuser Str. 29

35582 Wetzlar

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 Fax: (0641) 20 05-255

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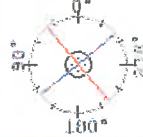


OCULUS - PENTACAM 4 Maps Refractive


1.212

Last Name: LIM
 First Name: TOH SENG
 ID: 700647
 Date of Birth: 11/28/1985 Eye: Right
 Exam Date: 01/08/2018 Time: 14:25:19
 Exam Info:

Cornea Front
 Rf: 9.84 mm K1: 34.3 D
 Rs: 9.01 mm K2: 37.4 D
 Rm: 9.42 mm Km: 35.8 D
 Axis: (steep) 39.4° Astig: 3.1 D
 Qs: OK Rper: 8.39 mm Rmin: 7.12 mm
 Q-val: 0.99 (8mm)



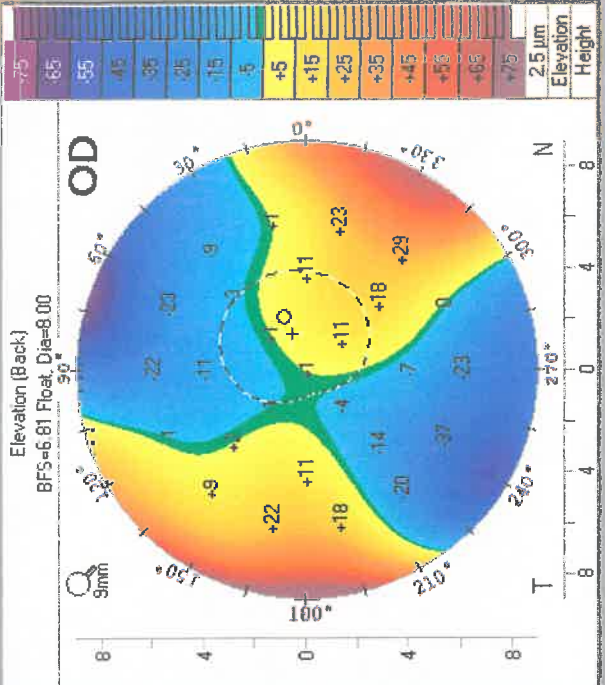
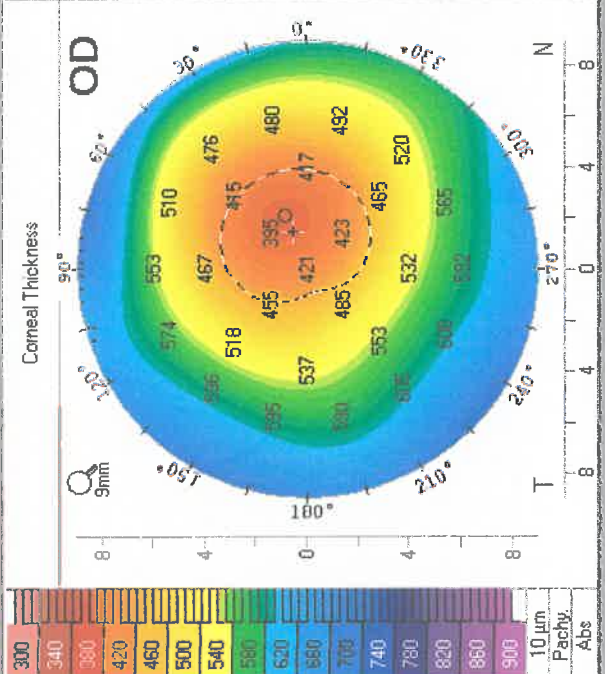
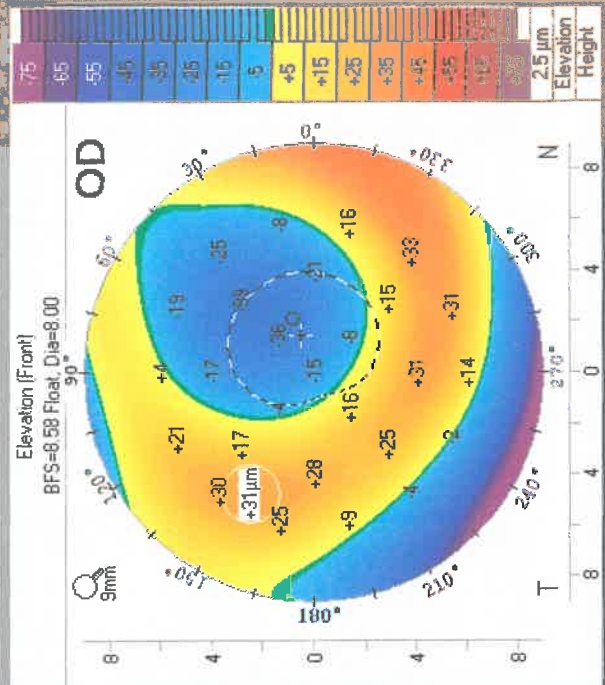
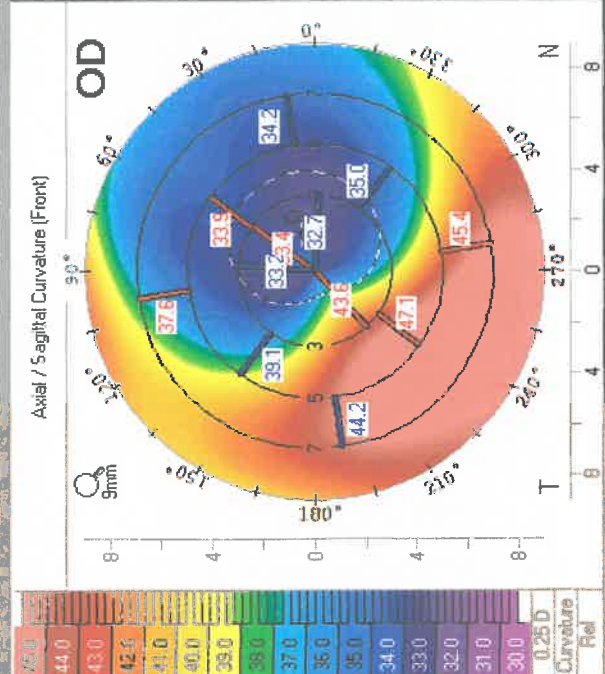
Cornea Back
 Rf: 7.11 mm K1: -5.6 D
 Rs: 6.51 mm K2: -6.1 D
 Rm: 6.81 mm Km: -5.9 D
 Axis: (steep) 66.9° Astig: 0.5 D
 Qs: OK Rper: 6.90 mm Rmin: 6.35 mm
 Q-val: -0.15 (8mm)



Pupil Center: x(mm) +0.72 y(mm) +0.24
 Pachy: + 399 µm
 Pecty Apex: 421 µm
 Thinnest Locat: 380 µm
 K Max (Front): 47.4 D
 K Max (Back): -1.67

Cornea Volume: 53.0 mm³ Ø Cornea: 12.7 mm
 Chamber Volume: 247 mm³ Angle: 45.7°
 A. C. Depth (Ext.): 4.15 mm Pupil Dia: 2.75 mm
 Enter IOP | IOP(Sum): +5.2 mmHg Lens Th.:

Refractive



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OCULUS - PENTACAM Topometric / KC Staging

1.212

Last Name: LIM
 First Name: TOH SENG
 ID: 700647
 Date of Birth: 11/28/1985 Eye: Right
 Exam Date: 01/08/2018 Time: 14:25:19
 Exam Info:

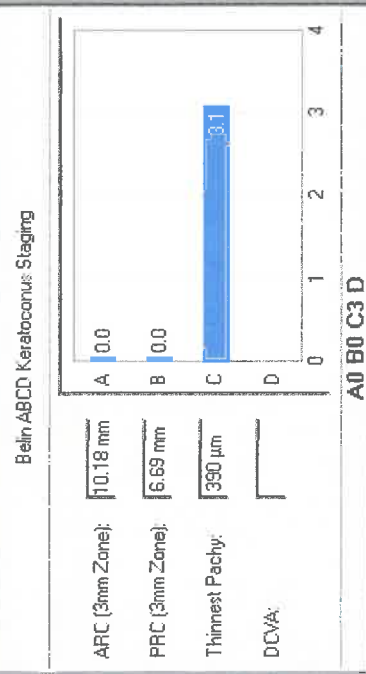
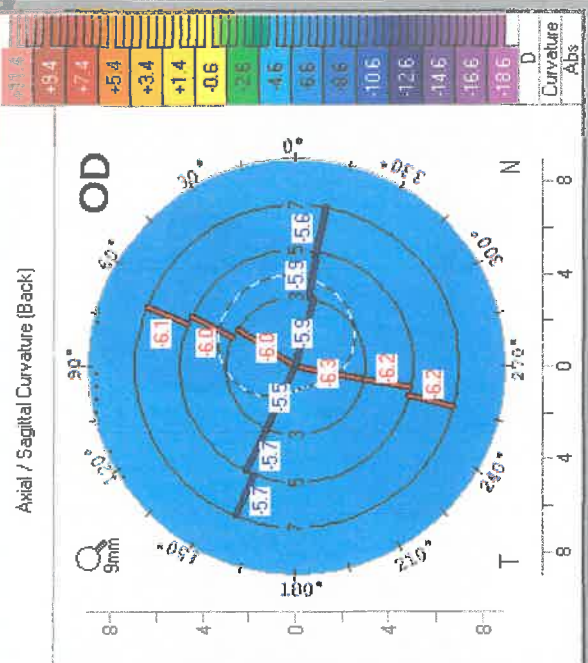
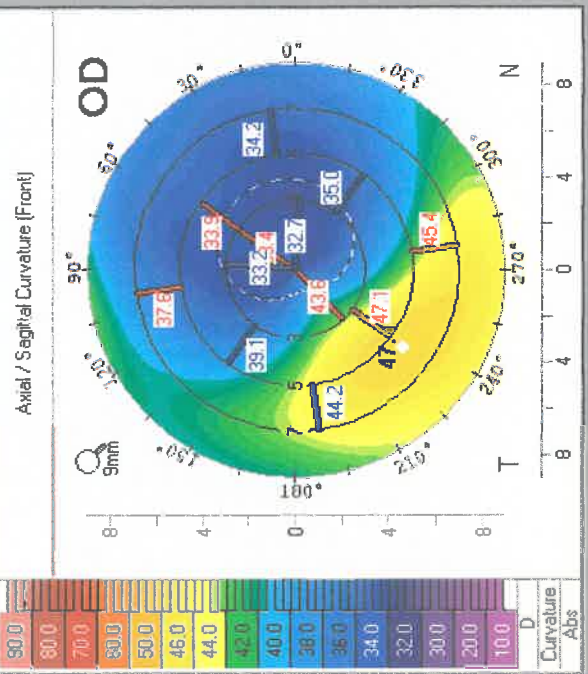
Cornea Front
 Rf: 9.84 mm K1: 34.3 D
 Rs: 9.01 mm K2: 37.4 D
 Rm: 9.42 mm Km: 35.8 D
 Axis: 33.4° Astig: 3.1 D
 Qs: OK Q-val: 0.99 Rper: 8.39 mm Rmin: 7.12 mm

Cornea Back
 Rf: 7.11 mm K1: -5.6 D
 Rs: 6.51 mm K2: -6.1 D
 Rm: 6.81 mm Km: -5.9 D
 Axis: 66.9° Astig: 0.5 D
 Qs: OK Q-val: -0.15 Rper: 6.90 mm Rmin: 6.35 mm

True Net Power
 Astig: 3.9 D K1: 32.3 D
 Axis: 37.5° (stp.) K2: 36.2 D
 P.Max: 46.6 D Km: 34.3 D

Pupil Center: + 393 µm x[mm] +0.72 y[mm] +0.24
 Pachy Apex: 421 µm 0.00
 Thinnest Local: 390 µm +1.04 +0.42
 K Max (Front): 47.4 D -1.67 -2.29

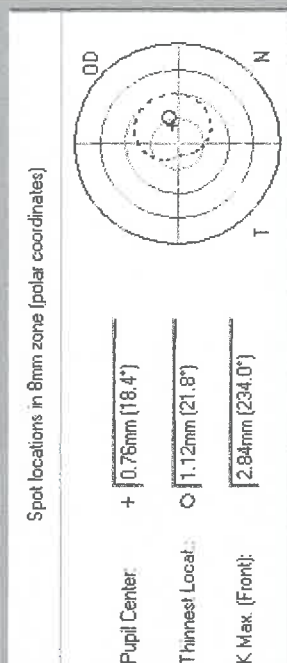
Cornea Volume: 53.0 mm³ ∅ Cornea: 12.7 mm
 Chamber Volume: 247 mm³ Angle: 45.7°
 A. C. Depth (Ext.): 4.15 mm Pupil Dia: 2.75 mm
 IOP(Sum) +5.2 mmHg Lens Th:



Asphericity (Front) of Major Meridians

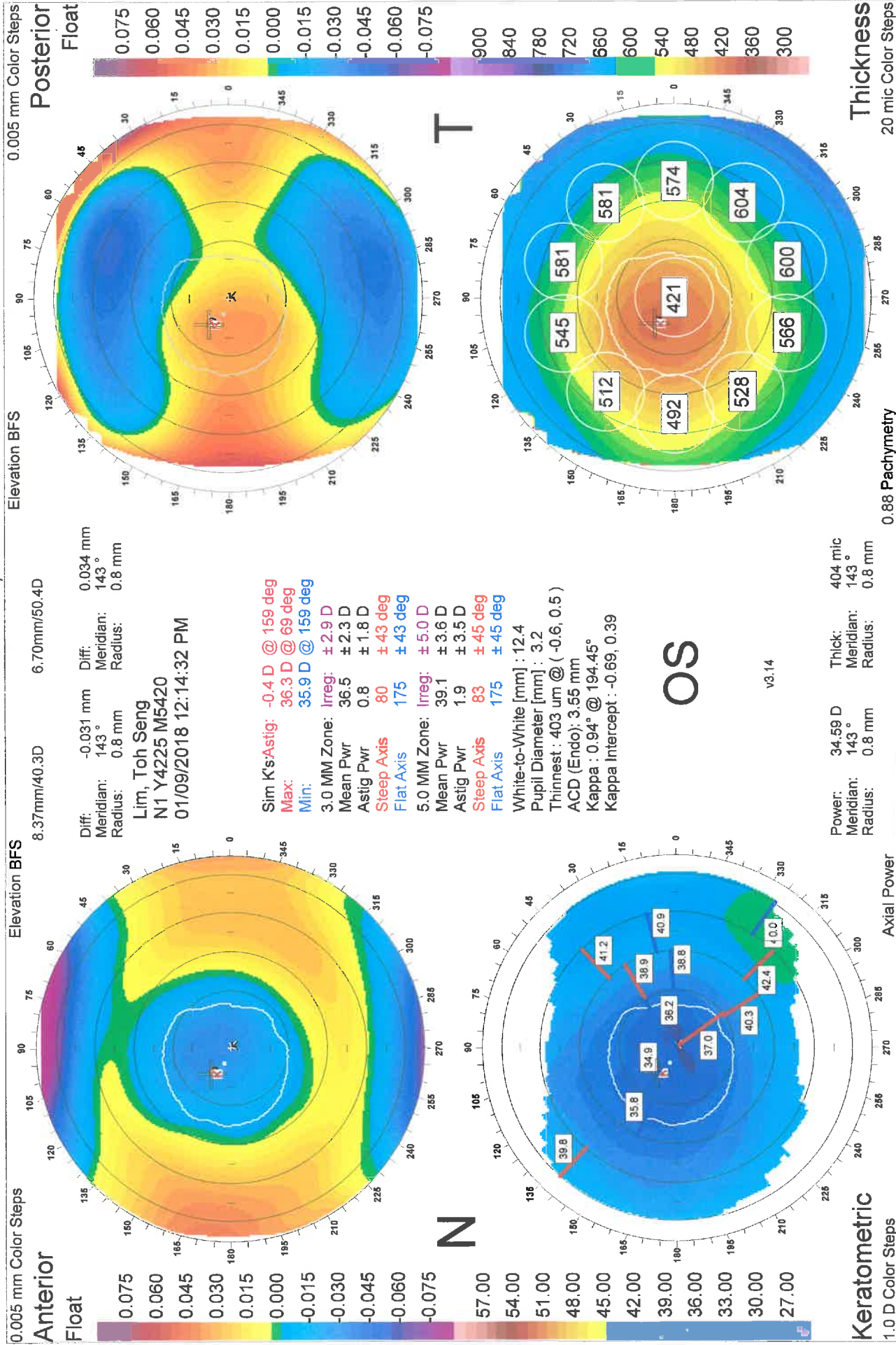
(Q-val.)	6mm	7mm	8mm	9mm	10mm
Nas	0.76	0.81	0.88	0.94	0.94
Temp	0.71	0.28	0.03	-0.11	-0.23
Inf	2.59	2.13	1.69	1.30	0.98
Sup	2.31	1.80	1.37	0.98	0.56
Mean	1.59	1.25	0.99	0.78	0.56

Front: Asphericity, Axial/Sag. Curva
 Back: Asphericity, Axial/Sag. Curva





Lim, Toh Seng
N1 Y4225 M5420
OS - 01/09/2018, 12:14:32 PM



OCULUS - PENTACAM Overview

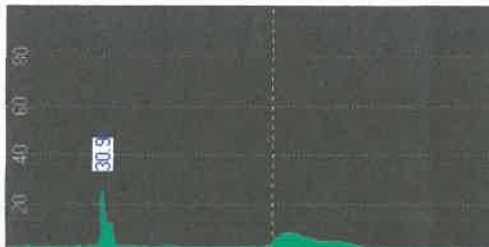
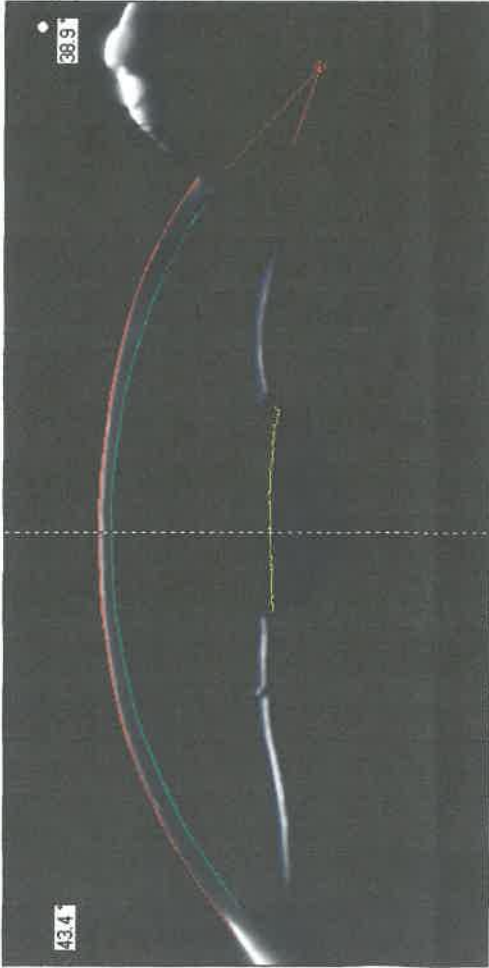
1.212



1/25	Segment: 300° · 120°
2/25	Segment: 292° · 112°
3/25	Segment: 285° · 105°
4/25	Segment: 277° · 97°
5/25	Segment: 269° · 89°
6/25	Segment: 261° · 81°

Contrast Normal

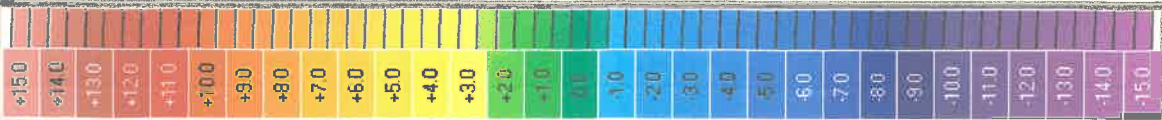
Adjust Image



Last Name: LIM
 First Name: TOH SENG
 ID: 700647
 Date of Birth: 11/28/1985
 Exam Date: 01/08/2018
 Eye: Left
 Time: 14:25:00

K1: 35.4 D Astig: 0.5 D
 K2: 35.9 D Q-val: 1.27
 Axis: 53.9° (steep) QS: OK

Pachy: x(mm) y(mm)
 Pupil Center: + 428 μm -0.52 +0.21
 Thinnest Locat: ○ 426 μm -0.71 -0.07
 Chamber Volume: 277 mm³ Angle: 47.4°
 A. C. Depth (Ext.): 4.32 mm Pupil Dia: 2.64 mm
 Enter IOP IOP(Sum): +4.6 mmHg ∅ Cornea: 12.7 mm



Cornea Front Show Fill

Cornea Back Show Fill

Iris Show Fill

Lens Front Show Fill

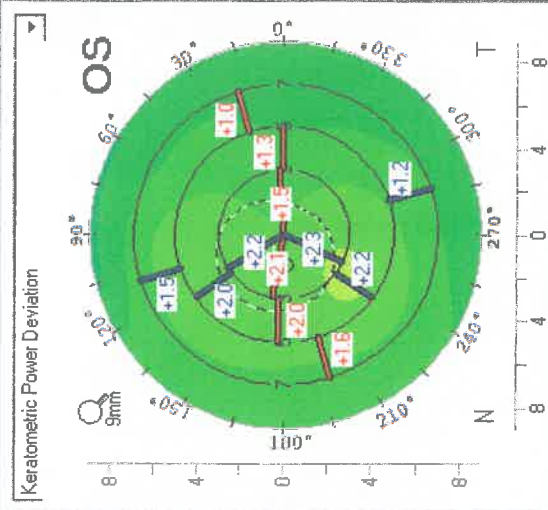
Lens Back Show Fill

Scale Show Fill

Cutout Width

Cutout Pos

Normalize Animate



OCULUS - PENTACAM 4 Maps Refractive

1.2112

Last Name: LIM
 First Name: TOH SENG
 ID: 700647
 Date of Birth: 11/28/1985 Eye: Left
 Exam Date: 01/08/2018 Time: 14:26:00
 Exam Info:

Cornea Front

Rt: 9.52 mm K1: 35.4 D
 Rs: 9.40 mm K2: 35.9 D
 Rm: 9.46 mm Km: 35.7 D
 Axis: 83.9° Astig: 0.5 D
 Q-val: 1.27 Rper: 8.16 mm Rmir: 7.55 mm

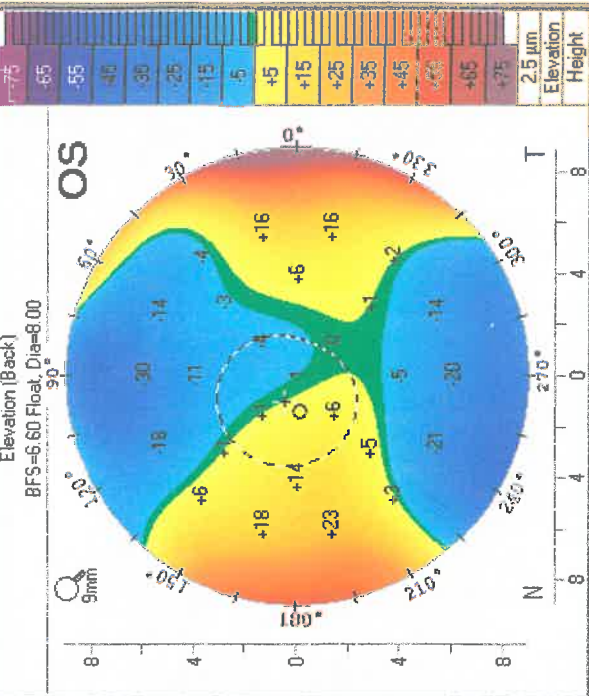
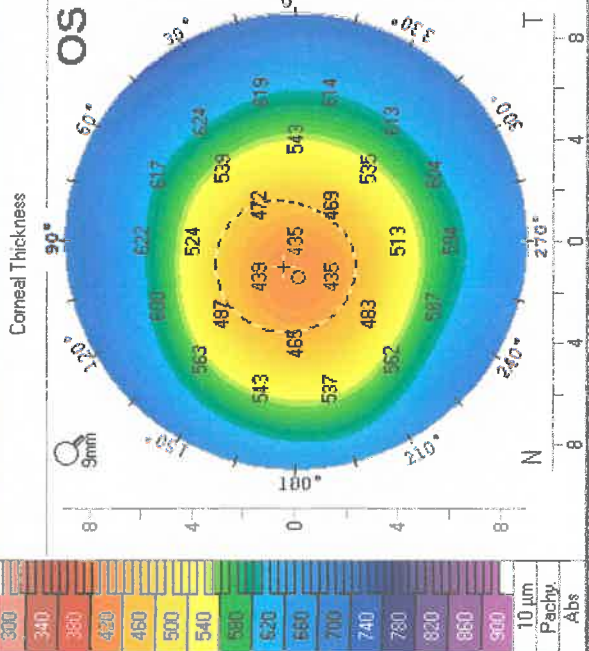
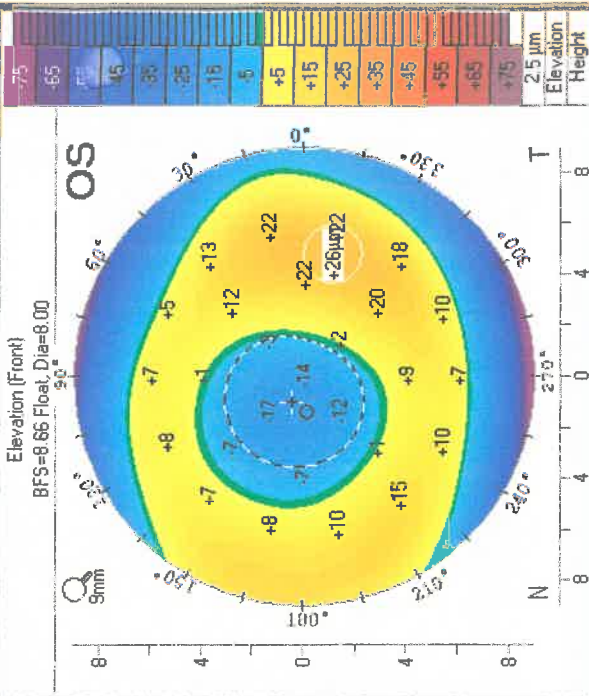
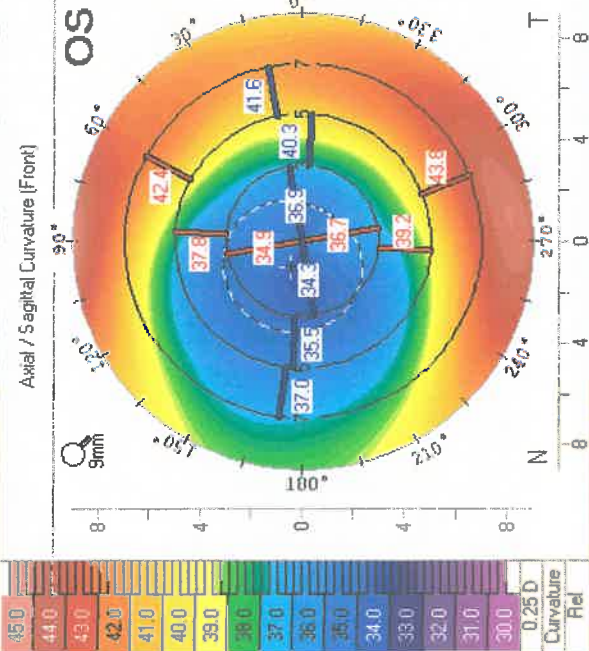
Cornea Back

Rt: 6.83 mm K1: -5.9 D
 Rs: 6.44 mm K2: -6.2 D
 Rm: 6.64 mm Km: -6.0 D
 Axis: 91.7° Astig: 0.4 D
 Q-val: -0.19 Rper: 6.75 mm Rmir: 6.22 mm

Pupil Center: + x(mm) y(mm)
 + 428 µm -0.52 +0.21
 Pachy Apex: 435 µm 0.00 0.00
 Thinnest Locat.: 426 µm -0.71 -0.07
 K Max. (Front): 44.7 D 0.00 +4.74

Cornea Volume: 56.7 mm³ ∅ Cornea: 12.7 mm
 Chamber Volume: 277 mm³ Angle: 47.4°
 A. C. Depth (Ext.): 4.32 mm Pupil Dia: 2.64 mm
 Enter IOP (Sum): +4.6 mmHg Lens Th: []

Refractive



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OCULUS - PENTACAM Topometric / KC Staging

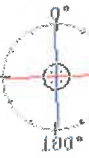
1.2112

Last Name: LIM
 First Name: TOH SENG
 ID: 700547
 Date of Birth: 11/28/1985 Eye: Left
 Exam Date: 01/08/2018 Time: 14:26:00
 Exam Info:

Cornea Front
 Rf: 9.52 mm K1: 35.4 D
 Rs: 9.40 mm K2: 36.9 D
 Rm: 9.46 mm Km: 35.7 D
 Axis: 93.9° Astig: 0.5 D
 Rper: 8.16 mm Rmin: 7.55 mm
 QS: [OK] Q-val: 1.27 (8mm)



Cornea Back
 Rf: 6.83 mm K1: -5.9 D
 Rs: 6.44 mm K2: -6.2 D
 Rm: 6.64 mm Km: -6.0 D
 Axis: 91.7° Astig: 0.4 D
 Rper: 6.75 mm Rmin: 6.22 mm
 QS: [OK] Q-val: -0.19 (8mm)

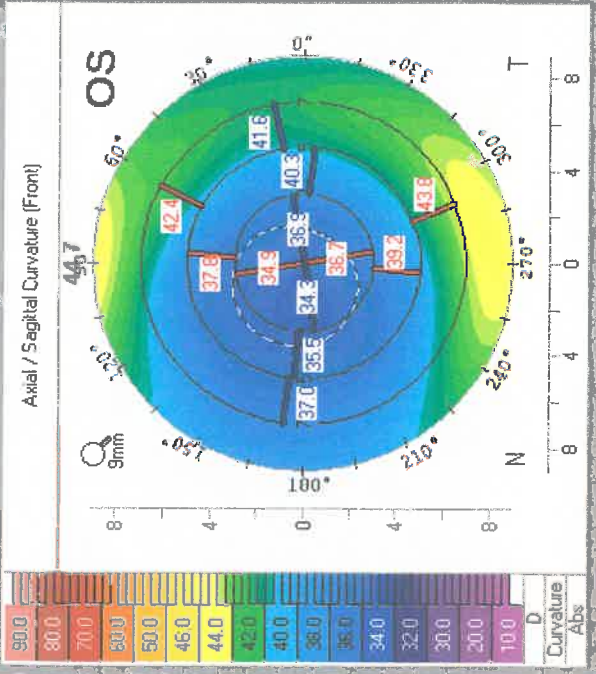


True Net Power
 Astig: 0.2 D K1: 33.5 D
 Axis: 104.2° (stp.) K2: 33.7 D
 P.Max: 43.3 D Km: 33.6 D

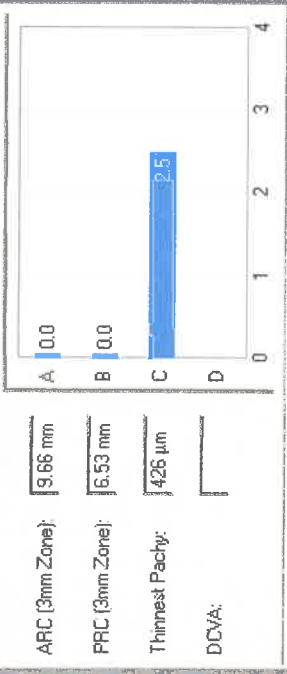


Pupil Center: + x(mm) -0.52 y(mm) +0.21
 Pachy: + 428 µm
 Pachy Apex: - 435 µm
 Thinnest Locat.: O 426 µm
 K Max. (Front): 44.7 D
 K Max. (Back): 0.00

Cornea Volume: 56.7 mm³ ∅ Cornea: 12.7 mm
 Chamber Volume: 277 mm³ Angle: 47.4°
 A. C. Depth (Ext.): 4.32 mm Pupil Dia: 2.64 mm
 IOP(Sum): +4.6 mmHg Lens Th.:

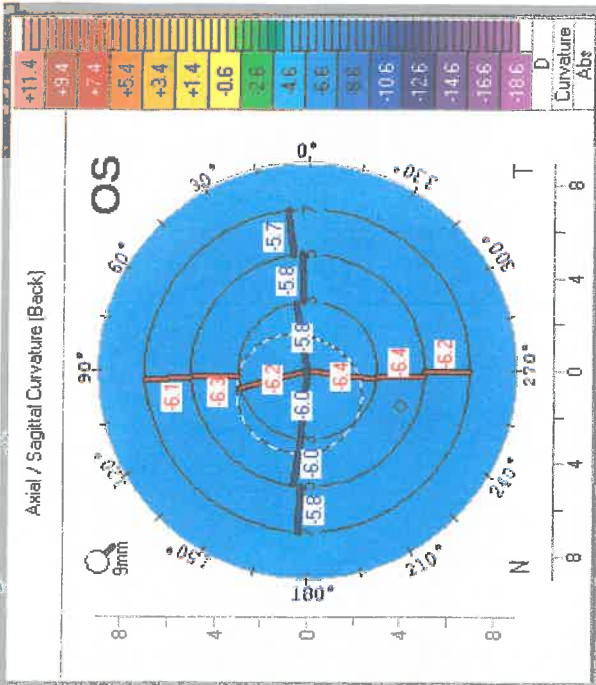


Beth ABCD Keratoconus Staging



ARC (3mm Zone): 9.66 mm
 PRC (3mm Zone): 6.53 mm
 Thinnest Pachy: 426 µm
 DCVA:

Indices (in 8mm zone)
 ISV: 74 IHA: 5.5
 IVA: 0.70 IHD: 0.054
 KI: 0.94 RMini: 7.55
 CKI: 0.93 TKC: [C Surg?]



Asphericity (Front) of Major Meridians

(Q-val.)	Peripheral mm-Rings (Dia)				Front: Asphericity	Back: Asphericity
	6mm	7mm	8mm	10mm		
Nas	1.32	1.19	1.02	0.86	0.69	Asphericity
Temp	1.56	1.04	0.61	0.26	-0.00	Axial/Sag. Curva
Inf	2.37	1.93	1.46	1.04	0.66	Asphericity
Sup	2.62	2.34	1.99	1.59	1.08	Axial/Sag. Curva
Mean	1.97	1.63	1.27	0.94	0.61	

Spot locations in 8mm zone (polar coordinates)

