

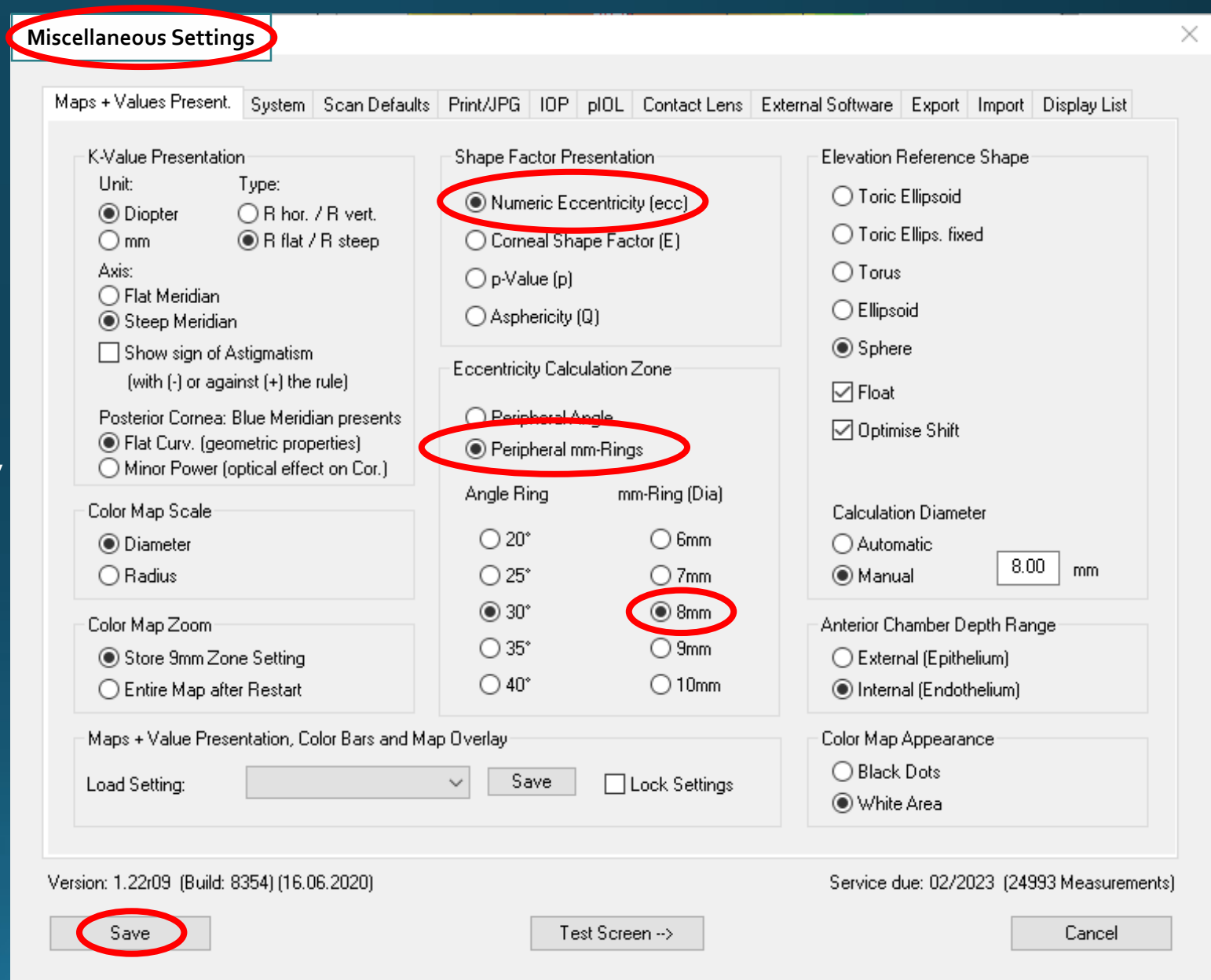
Pentacam Settings for MOONLENS

Settings tab →
choose “Miscellaneous Settings”

Select “Numeric Eccentricity”
under “Shape Factor Presentation”

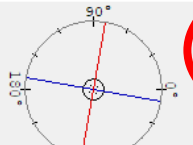
Select “Peripheral –mm Rings”
under “Eccentricity Calculation Zone”

Select 8 mm Ring Diameter



Topography Overview – use Rf/Rs or K₁/K₂

Last Name: Resident
 First Name: Female
 ID:
 Date of Birth: 01/01/2001 Eye: Right
 Exam Date: 11/05/2008 Time: 12:11:29



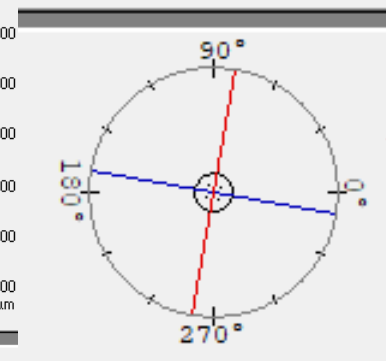
Rf: 7.82 mm K1: 43.2 D Axis: 170.4°
 Rs: 7.44 mm K2: 45.3 D Axis: 80.4°
 Rm: 7.63 mm Km: 44.2 D Astig: 2.2 D
 QS: OK ecc: (8mm) 0.59 Rper: 7.88 mm Rmin: 7.32 mm

Pachy: x[mm] y[mm]
 Pupil Center: + 530 μm -0.16 +0.08
 Thinnest Locat.: O 527 μm -0.77 -0.32

A. C. Depth (Int.): 2.89 mm Pupil Dia: 2.50 mm
 Angle: 30.9° Lens Th:

Mean corneal thickness values on rings concentrically to the thinnest location

Cornel Thickness Central Profile (CTCP) Diameter



Rf: 7.82 mm K1: 43.2 D Axis: 170.4°
 Rs: 7.44 mm K2: 45.3 D Axis: 80.4°
 Rm: 7.63 mm Km: 44.2 D Astig: 2.2 D
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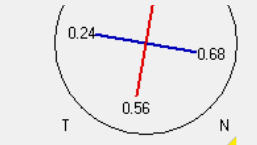
Numeric Ecc. (Front) of Major Meridians

Peripheral mm-Rings (Dia)		
8mm	9mm	10mm
0.68	0.74	0.72
0.24	0.35	0.41
0.87	0.95	0.95
0.59	0.69	0.73

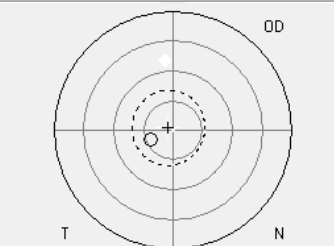
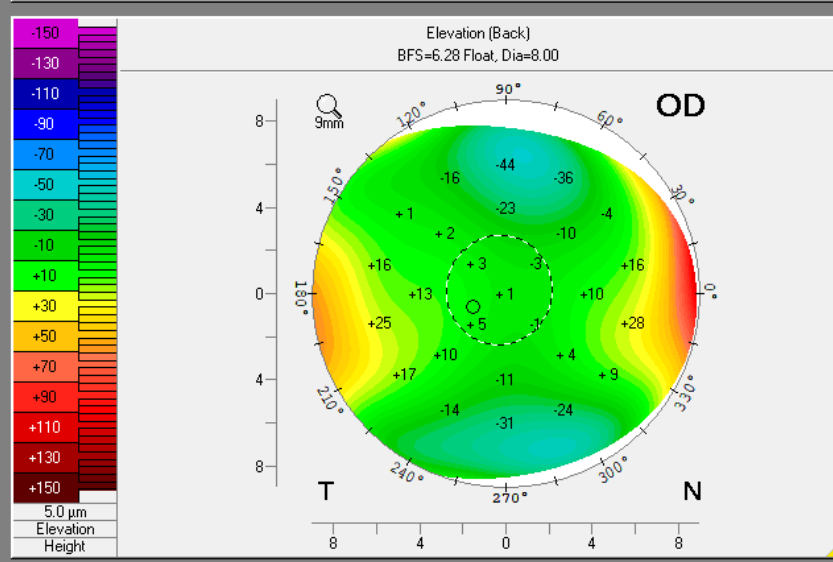
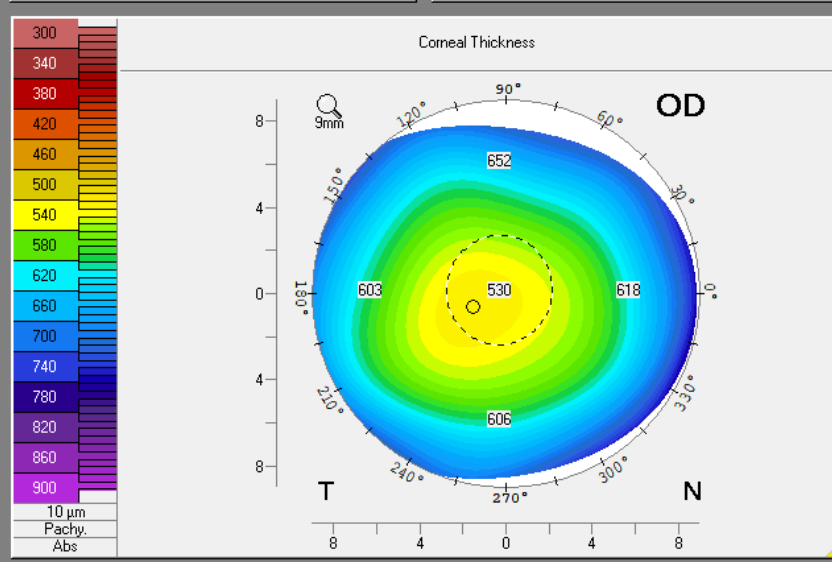
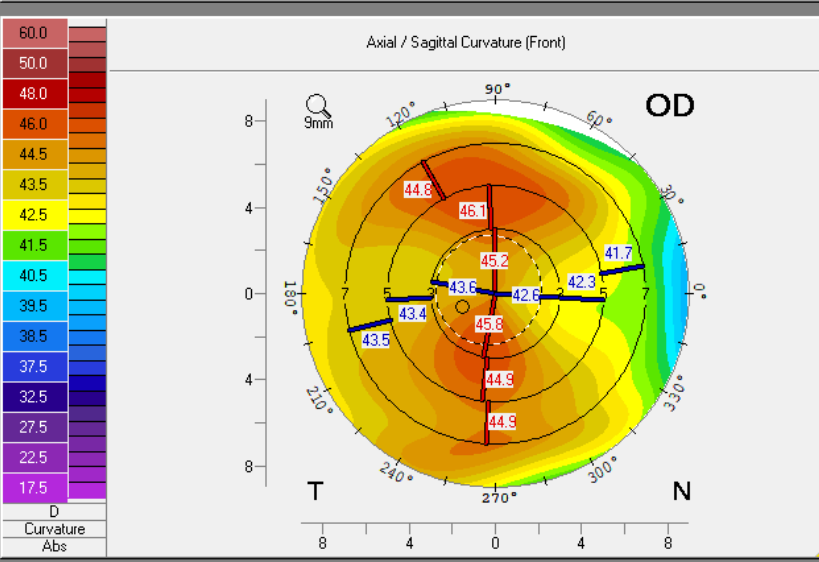
ISV: OK ecc: (8mm) 0.59 Rper: 7.88 mm Rmin: 7.32 mm

IVA: H: 0.46 V: 0.71

KI: 1.02 RMin: 7.32 H: 0.46
 CKI: 1.00 TKC: V: 0.71



Thinnest Locat.: O 0.83mm (202.6°)
 K Max. (Front): 2.39mm (96.2°)

Topography Overview – Eccentricity at 8 mm

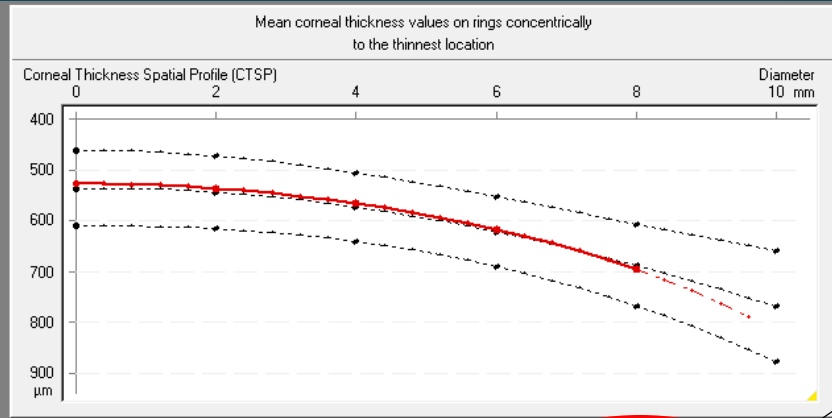
Last Name: Resident
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 Date of Birth: 01/01/2001 Eye: Right
 Exam Date: 11/05/2020 Time: 12:11:29

90°
 180°
 270°

Rf: 7.82 mm K1: 43.2 D Axis: 170.4°
 Rs: 7.44 mm K2: 45.3 D Axis: 80.4°
 Rm: 7.63 mm Km: 44.2 D Astig: 2.2 D
 ecc: (8mm) 0.59 Rper: 7.88 mm Rmin: 7.32 mm

Pachy: x[mm] y[mm]
 Pupil Center: + 530 μm -0.16 +0.08
 Thinnest Locat.: ○ 527 μm -0.77 -0.32

A. C. Depth (Int.): 2.89 mm Pupil Dia: 2.50 mm
 Angle: 30.9° Lens Th:

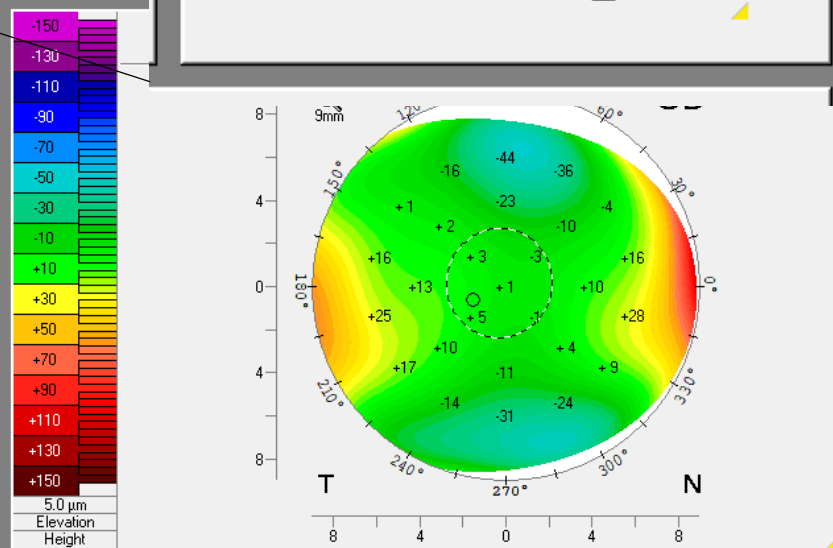
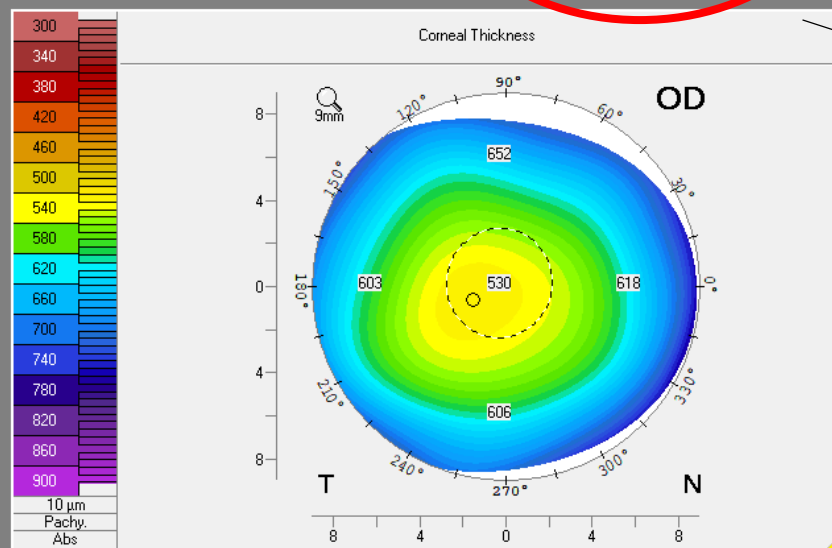
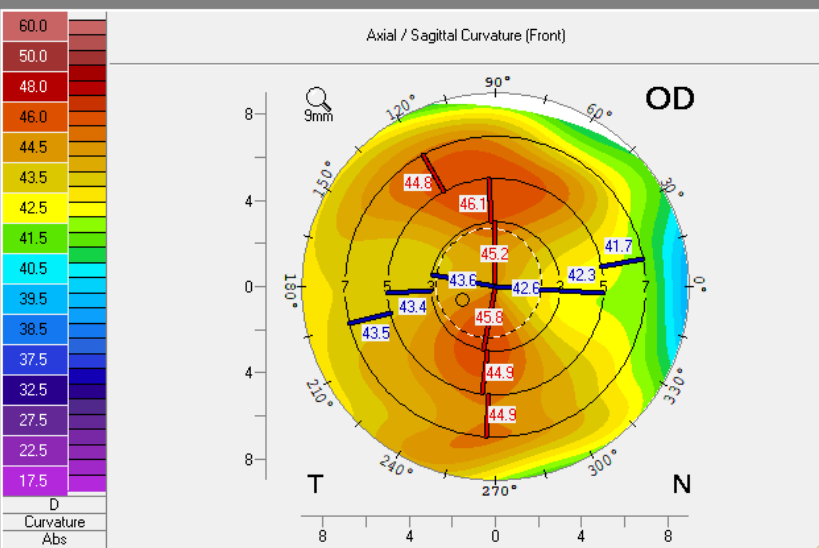
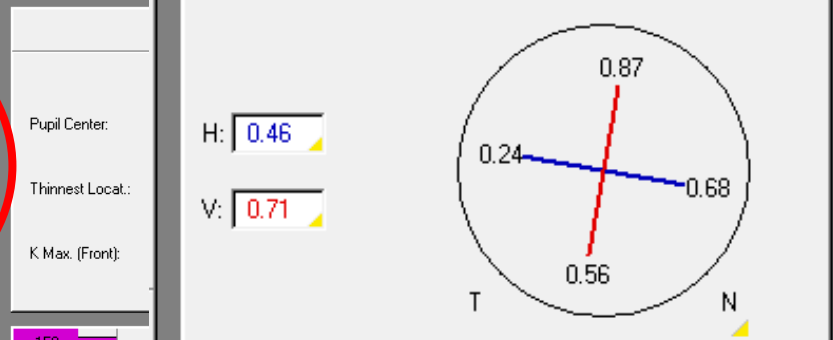
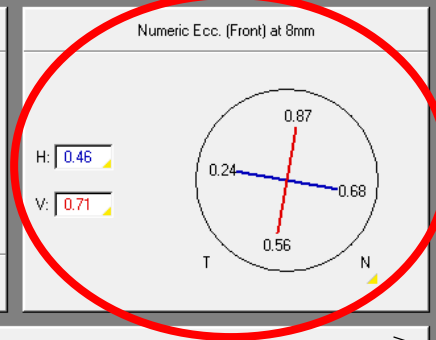


Numeric Ecc. (Front) of Major Meridians

(ecc)	Peripheral mm-Rings (Dia)				
	6mm	7mm	8mm	9mm	10mm
Nas	0.49	0.59	0.68	0.74	0.72
Temp	0.18	0.16	0.24	0.35	0.41
Inf	0.53	0.57	0.68	0.77	0.83
Sup	0.55	0.61	0.71	0.80	0.86
Mean	0.44	0.50	0.60	0.69	0.75

Indices (in 8mm zone)

ISV: 24 IHA: 7.7
 IVA: 0.18 IHD: 0.016
 KI: 1.02 RMin: 7.32
 CKI: 1.00 TKC:
 KISA: 11.228 IS: -0.64



Topometric Map – use Rf/Rs or K₁/K₂

Last Name: Resident
 First Name: Female
 ID:
 Date of Birth: 01/01/2001 Eye: Right
 Exam Date: 11/05/2020 Time: 12:11:29
 Exam Info:

Cornea Front
 Rf: 7.82 mm
 Rs: 7.44 mm
 Rm: 7.63 mm
 Axis: (steep) 80.4°
 Rper: 7.88 mm
 Rmin: 7.32 mm
 K1: 43.2 D
 K2: 45.3 D
 Km: 44.2 D
 Astig: 2.2 D

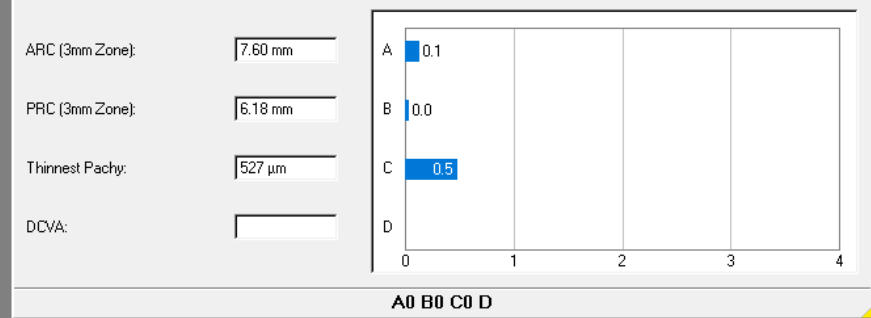
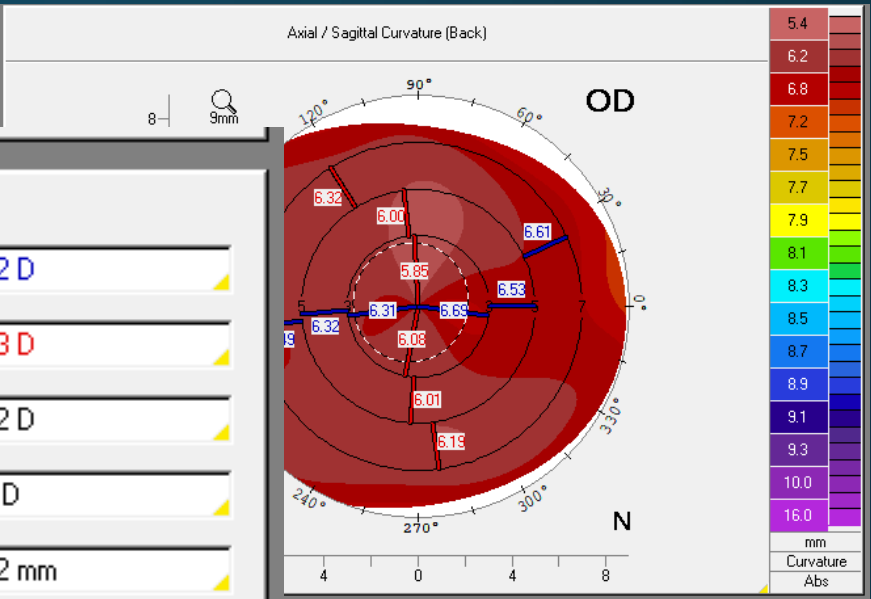
Cornea Back
 Rf: 6.50 mm
 Rs: 5.95 mm
 Rm: 6.23 mm
 Axis: (steep) 87.1°
 Rper: 6.46 mm
 Rmin: 5.82 mm
 K1: -6.2 D
 K2: -6.7 D
 Km: -6.4 D
 Astig: 0.6 D

True Net Power
 Astig: 1.8 D
 Axis: (stp.) 79.9°
 P.Max.: 44.7 D
 K1: 42.0 D
 K2: 43.8 D
 Km: 42.9 D

Pachy:
 Pupil Center: + 530 μm x[-0.16] y[+0.08]
 Pachy Apex: • 531 μm [0.00] [0.00]
 Thinnest Locat.: ○ 527 μm [-0.77] [-0.32]
 K Max. (Front): ◆ 46.1 D [-0.26] [+2.37]

Cornea Volume: 60.4 mm³ HW/TW: 11.2 mm
 Chamber Volume: 141 mm³ Angle: 30.9°
 A. C. Depth (Int.): 2.89 mm Pupil Dia: 2.50 mm
 IOP(cor): Lens Th.:

Axial / Sagittal Curvature (Front) OD
 Rf: 7.82 mm K1: 43.2 D
 Rs: 7.44 mm K2: 45.3 D
 Rm: 7.63 mm Km: 44.2 D
 Axis: (steep) 80.4° Astig: 2.2 D
 Rper: 7.88 mm Rmin: 7.32 mm

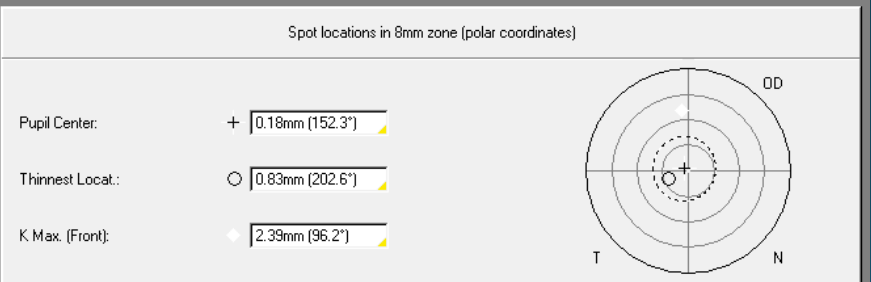
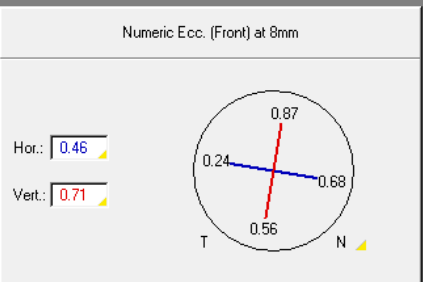


Peripheral mm-Rings (Dia)

(ecc)	6mm	7mm	8mm	9mm	10mm
Nas	0.49	0.59	0.68	0.74	0.72
Temp	0.18	0.16	0.24	0.35	0.41
Inf	0.53	0.51	0.56	0.71	0.86
Sup	0.55	0.74	0.87	0.95	0.95
Mean	0.44	0.50	0.59	0.69	0.73

Front: Numeric Ecc. Axial/Sag. Curvature
 Back: Numeric Ecc. Axial/Sag. Curvature

Indices (in 8mm zone)
 ISV: 24 IHA: 7.7
 IVA: 0.18 IHD: 0.016
 KI: 1.02 RMin: 7.32
 CKI: 1.00 TKC: -
 KISA: 11.228 IS: -0.64



Topometric Map – Eccentricity at 8 mm

Last Name: Resident
 First Name: Female
 ID:
 Date of Birth: 01/01/2001 Eye: Right
 Exam Date: 11/05/2020 Time: 12:11:29
 Exam Info:

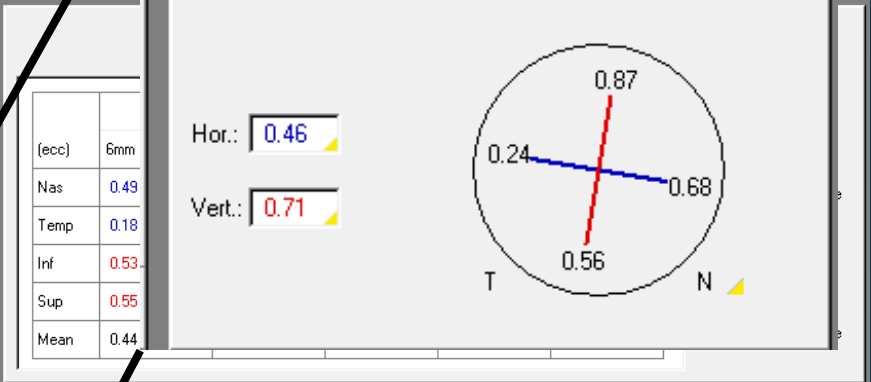
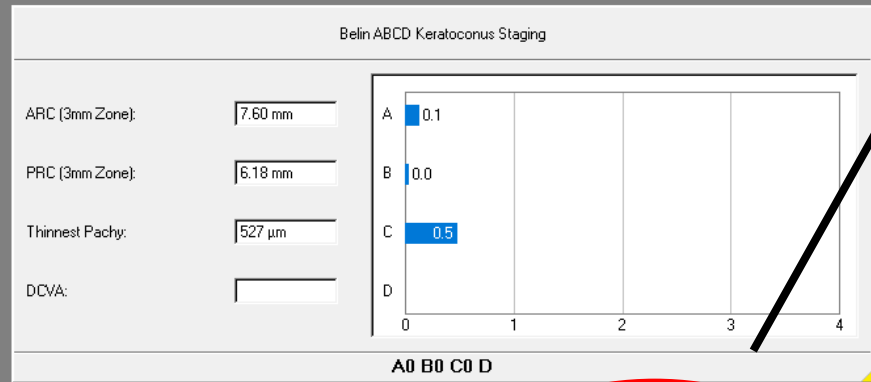
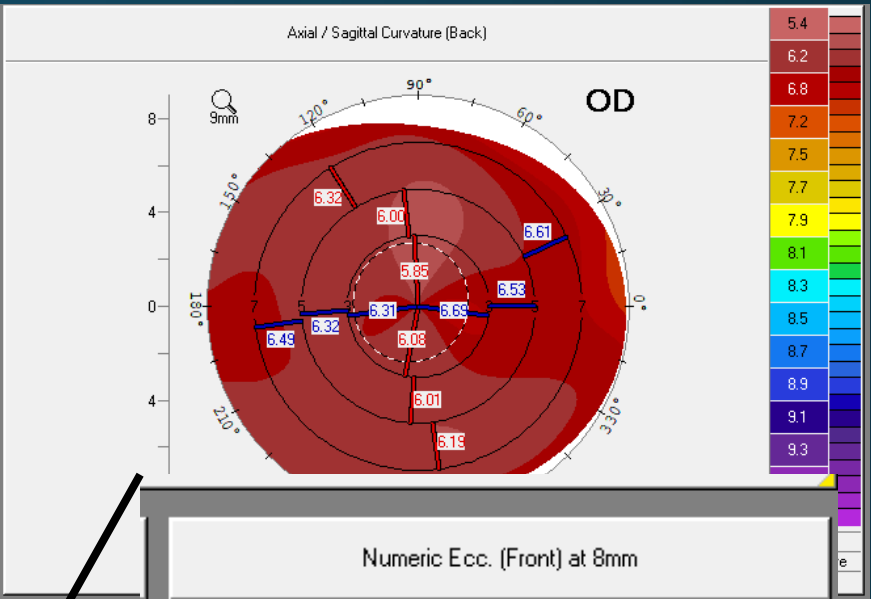
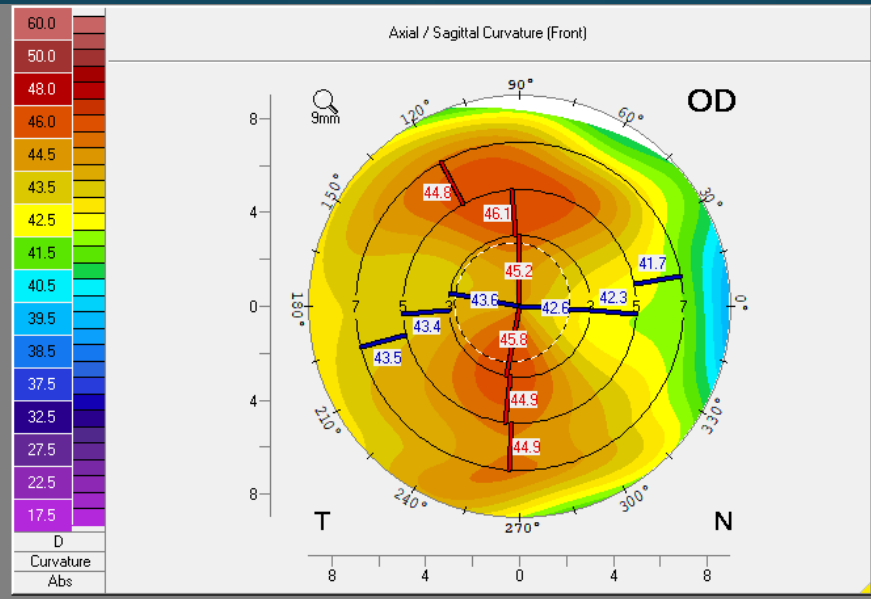
Cornea Front
 Rf: 7.82 mm K1: 43.2 D
 Rs: 7.44 mm K2: 45.3 D
 Rm: 7.63 mm Km: 44.2 D
 Axis: (steep) 80.4° Astig: 2.2 D
 Rper: 7.88 mm Rmin: 7.32 mm
 ecc: (8mm) 0.59

Cornea Back
 Rf: 6.50 mm K1: -6.2 D
 Rs: 5.95 mm K2: -6.7 D
 Rm: 6.23 mm Km: -6.4 D
 Axis: (steep) 87.1° Astig: 0.6 D
 Rper: 6.46 mm Rmin: 5.82 mm
 ecc: (8mm) 0.57

True Net Power
 Astig: 1.8 D K1: 42.0 D
 Axis: (stp.) 79.9° K2: 43.8 D
 P.Max.: 44.7 D Km: 42.9 D

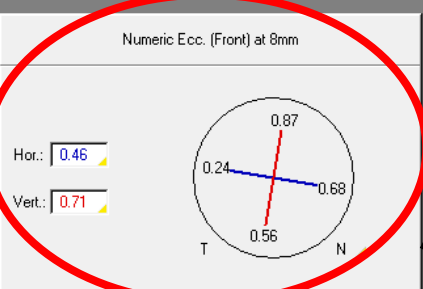
Pachy: x[mm] y[mm]
 Pupil Center: + 530 μm -0.16 +0.08
 Pachy Apex: • 531 μm 0.00 0.00
 Thinnest Locat.: ○ 527 μm -0.77 -0.32
 K Max. (Front): ◆ 46.1 D -0.26 +2.37

Cornea Volume: 60.4 mm³ HW/TW: 11.2 mm
 Chamber Volume: 141 mm³ Angle: 30.9°
 A. C. Depth (Int.): 2.89 mm Pupil Dia: 2.50 mm
 IOP(cor): Lens Th.:



Indices (in 8mm zone)

ISV: 24 IHA: 7.7
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 KI: 1.02 RMin: 7.32
 CKI: 1.00 TKC: -
 KISA: 11.228 IS: -0.64



Spot locations in 8mm zone (polar coordinates)

Pupil Center: + 0.18mm (152.3°)
 Thinnest Locat.: ○ 0.83mm (202.6°)
 K Max. (Front): ◆ 2.39mm (96.2°)