

OCULUS - PENTACAM 4 Maps Refractive

Last Name: **[REDACTED]**
 First Name: **[REDACTED]**
 ID: **[REDACTED]**
 Date of Birth: **03/12/2002** Eye: **Right**
 Exam Date: **02/22/2017** Time: **13:56:37**
 Exam Info:

Cornea Front

Rf: **7.08 mm** K1: **47.6 D**
 Rs: **6.09 mm** K2: **55.4 D**
 Rm: **6.59 mm** Km: **51.2 D**

Axis: **106.1°** Astig: **7.7 D**

Q-val: **-1.23** Rper: **7.94 mm** Rmin: **5.29 mm**

Cornea Back

Rf: **5.64 mm** K1: **-7.1 D**
 Rs: **4.61 mm** K2: **-8.7 D**
 Rm: **5.13 mm** Km: **-7.8 D**

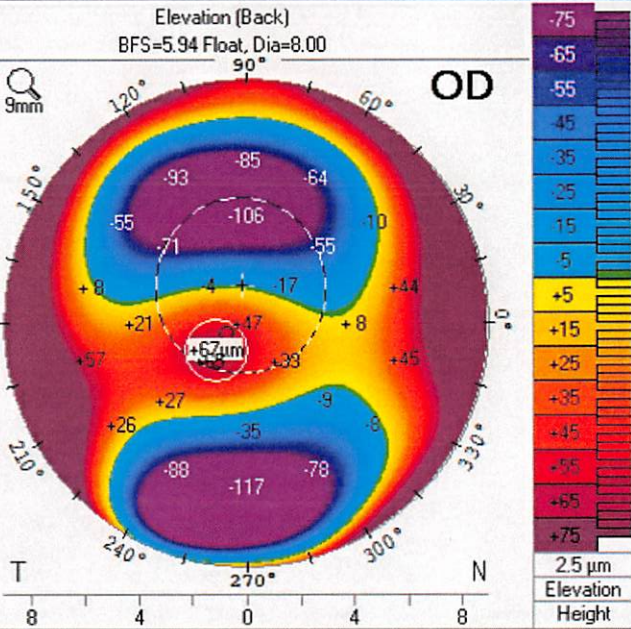
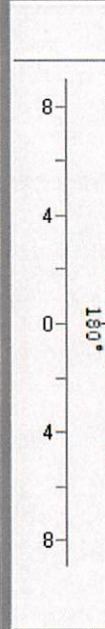
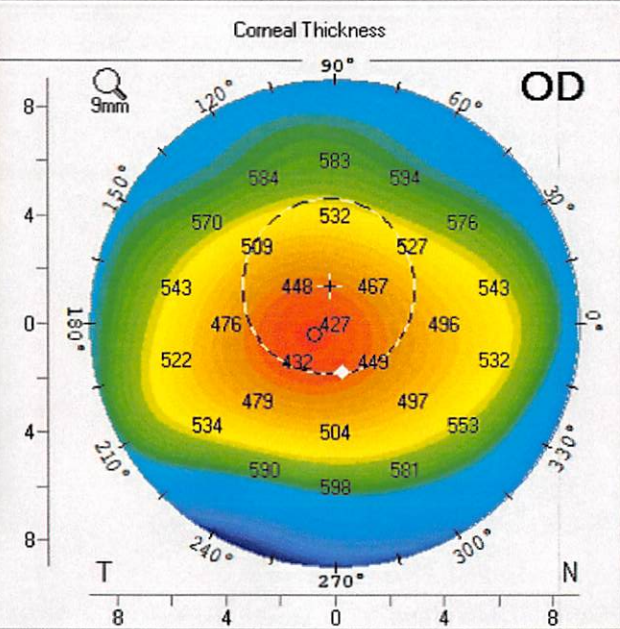
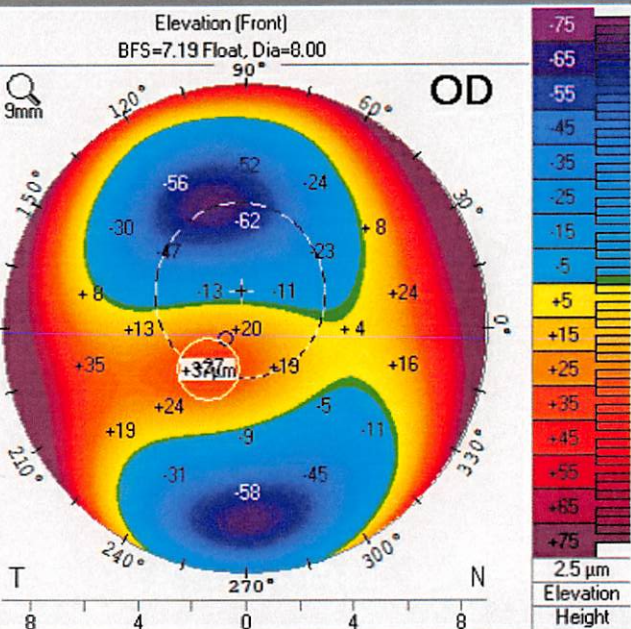
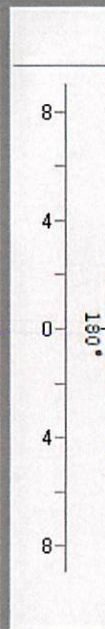
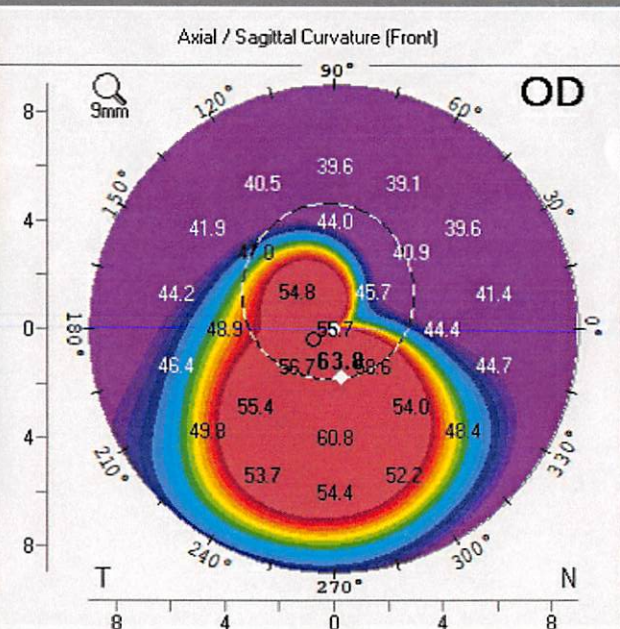
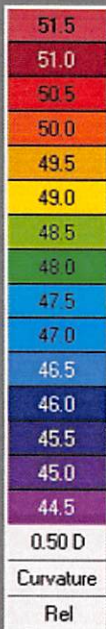
Axis: **99.2°** Astig: **1.6 D**

Q-val: **-1.28** Rper: **6.74 mm** Rmin: **3.79 mm**

Pachy: x[mm] y[mm]
 Pupil Center: + **447 μm** **-0.11** **+0.69**
 Pachy Apex: · **427 μm** **0.00** **0.00**
 Thinnest Locat.: ○ **423 μm** **-0.38** **-0.19**
 K Max. (Front): **63.8 D** **+0.13** **-0.88**

Cornea Volume: **55.1 mm³** HWTW:
 Chamber Volume: **214 mm³** Angle:
 A. C. Depth (Ext.): **4.10 mm** Pupil Dia: **3.06 mm**
 Enter IOP IOP(Sum): **+4.9 mmHg** Lens Th.:


Refractive



OCULUS - PENTACAM 4 Maps Refractive


Last Name: **Grant**
 First Name: **Grant**
 ID:
 Date of Birth: **09/12/2002** Eye: **Right**
 Exam Date: **03/24/2021** Time: **14:21:59**
 Exam Info:

Cornea Front



Rf: **7.31 mm** K1: **46.2 D**
 Rs: **6.30 mm** K2: **53.6 D**
 Rm: **6.80 mm** Km: **49.6 D**
 QS: **OK** Axis: (steep) **101.5°** Astig: **7.4 D**
 Q-val: (8mm) **-1.03** Rper: **7.90 mm** Rmin: **5.56 mm**

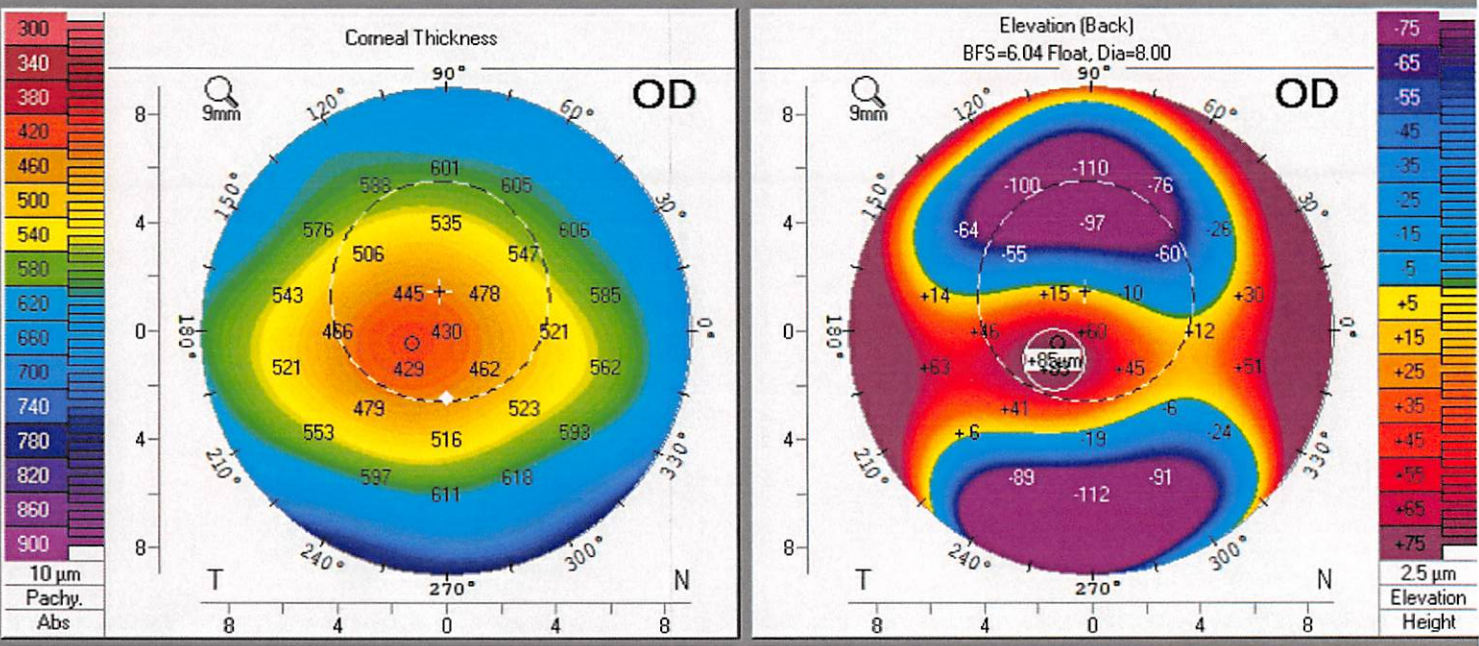
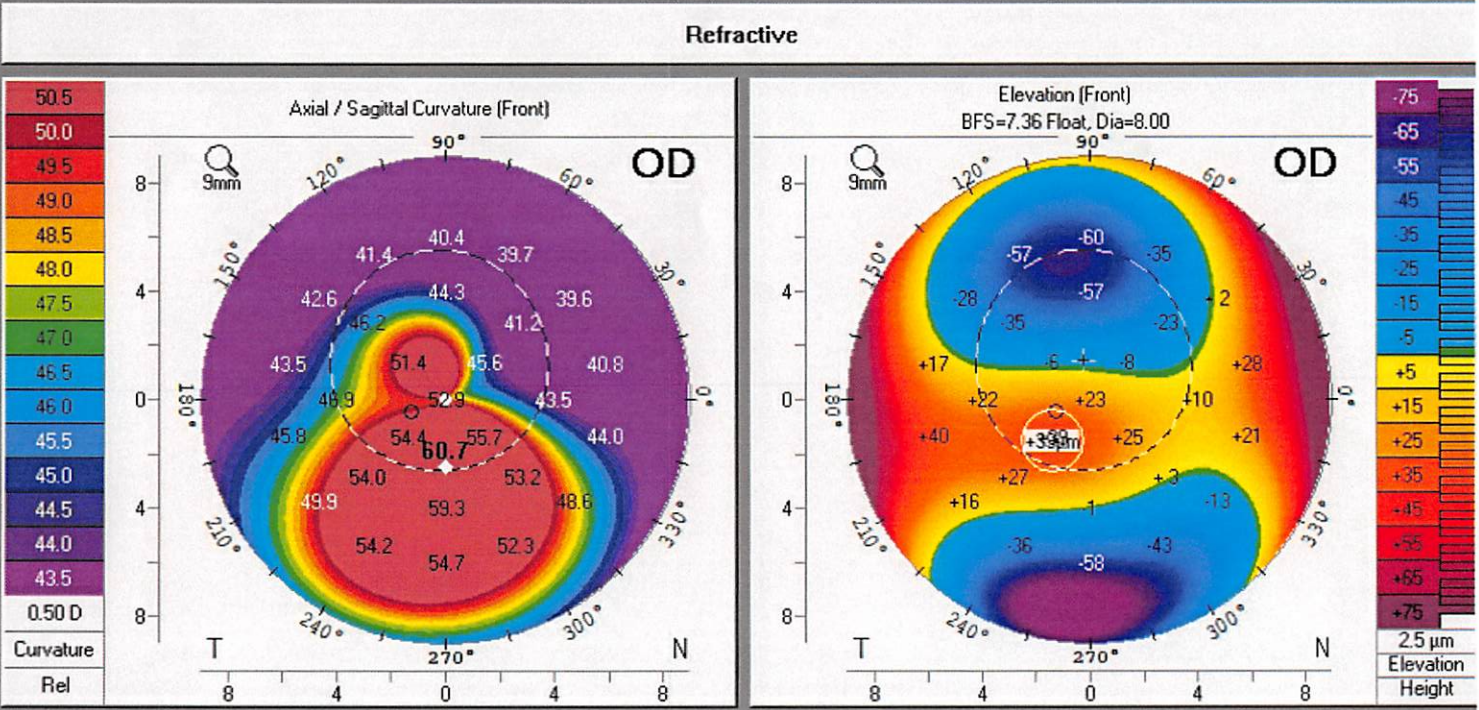
Cornea Back



Rf: **5.72 mm** K1: **-7.0 D**
 Rs: **4.65 mm** K2: **-8.6 D**
 Rm: **5.18 mm** Km: **-7.7 D**
 QS: **OK** Axis: (steep) **97.3°** Astig: **1.6 D**
 Q-val: (8mm) **-1.24** Rper: **6.73 mm** Rmin: **3.89 mm**


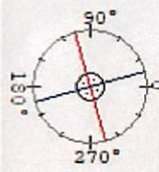

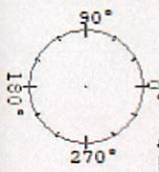
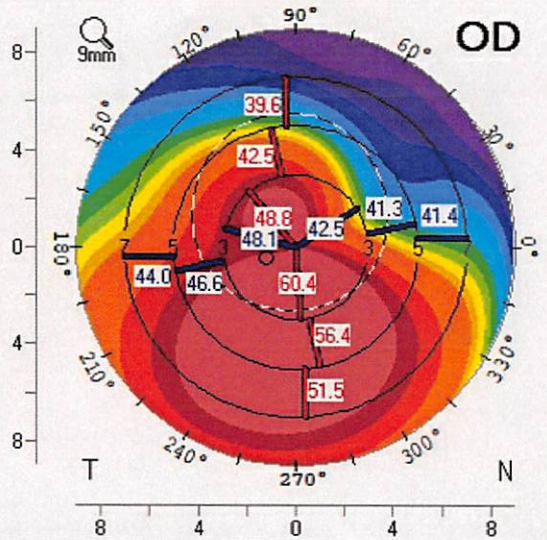
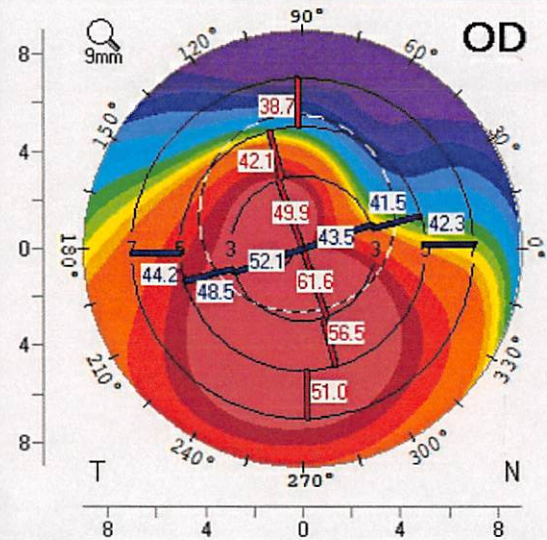
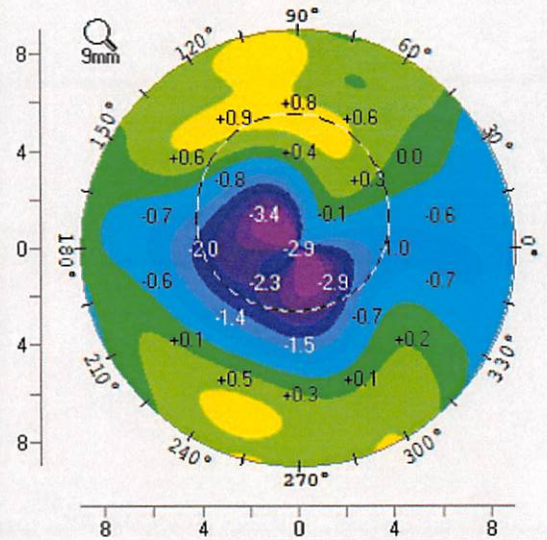
Pupil Center: + **450 μm** x[mm] **-0.11** y[mm] **+0.72**
 Pachy Apex: · **430 μm** **0.00** **0.00**
 Thinnest Locat.: ○ **421 μm** **-0.62** **-0.21**
 K Max. (Front): **60.7 D** **0.00** **-1.24**

Cornea Volume: **56.8 mm³** HWTW: **12.2 mm**
 Chamber Volume: **215 mm³** Angle: **40.3°**
 A. C. Depth (Ext.): **4.13 mm** Pupil Dia: **4.06 mm**
 Enter IOP IOP(Sum): **+4.8 mmHg** Lens Th.:



OCULUS - PENTACAM Compare 2 Exams

Name: ID: Date of Birth:

Exam	A: <u>A: 03/24/2021 14:21:59 Right (25) 3D-Scan HR</u>	B: <u>B: 02/22/2017 13:56:37 Right (25) 3D-Scan HR</u>	Difference A - B	
70.0	 K1: <u>46.2 D</u> Astig: <u>7.4 D</u> K2: <u>53.6 D</u> Q-val.: (8mm) <u>-1.03</u> Axis: (steep) <u>101.5°</u> QS: <u>OK</u>	 K1: <u>47.6 D</u> Astig: <u>7.7 D</u> K2: <u>55.4 D</u> Q-val.: (8mm) <u>-1.23</u> Axis: (steep) <u>106.1°</u> QS:  Blinking!	 K1: <u>-1.5 D</u> Astig: <u>-0.4 D</u> K2: <u>-1.8 D</u> Q-val.: (8mm) <u>+0.20</u> Axis: (steep) <u>-4.6°</u> QS: <u> </u>	+3.5
48.0				+3.0
46.0				+2.5
44.0	Pachy: <u> </u> x(mm) <u> </u> y(mm) <u> </u>	Pachy: <u> </u> x(mm) <u> </u> y(mm) <u> </u>	Pachy: <u> </u> x(mm) <u> </u> y(mm) <u> </u>	+2.0
43.5	Pupil Center: + <u>450 μm</u> <u>-0.11</u> <u>+0.72</u>	Pupil Center: + <u>447 μm</u> <u>-0.11</u> <u>+0.69</u>	Pupil Center: + <u>+3 μm</u> <u>-0.01</u> <u>+0.03</u>	+1.5
43.0	Thinnest Locat.: <u>○ 421 μm</u> <u>-0.62</u> <u>-0.21</u>	Thinnest Locat.: <u>○ 423 μm</u> <u>-0.38</u> <u>-0.19</u>	Thinnest Locat.: <u>○ -2 μm</u> <u>-0.24</u> <u>-0.02</u>	+1.0
42.5	Chamber Volume: <u>215 mm³</u> Angle: <u>40.3°</u>	Chamber Volume: <u>214 mm³</u> Angle: <u> </u>	Chamber Volume: <u>+1 mm³</u> Angle: <u> </u>	+0.5
42.0	A. C. Depth (Ext.): <u>4.13 mm</u> Pupil Dia: <u>4.06 mm</u>	A. C. Depth (Ext.): <u>4.10 mm</u> Pupil Dia: <u>3.06 mm</u>	A. C. Depth (Ext.): <u>+0.02 mm</u> Pupil Dia: <u>+1.00 mm</u>	0.0
41.5	IOP(cor): <u> </u> Lens Th.: <u> </u>	IOP(cor): <u> </u> Lens Th.: <u> </u>	IOP(cor): <u> </u> Lens Th.: <u> </u>	-0.5
41.0	Axial / Sagittal Curvature (Front)	Axial / Sagittal Curvature (Front)	Axial / Sagittal Curvature (Front)	-1.0
40.5				-1.5
40.0				-2.0
39.5				-2.5
37.5				-3.0
30.0				-3.5
D				0.50 D
Curvature				Curvature
Abs				Rel

