



Topcon Aladdin Biometer

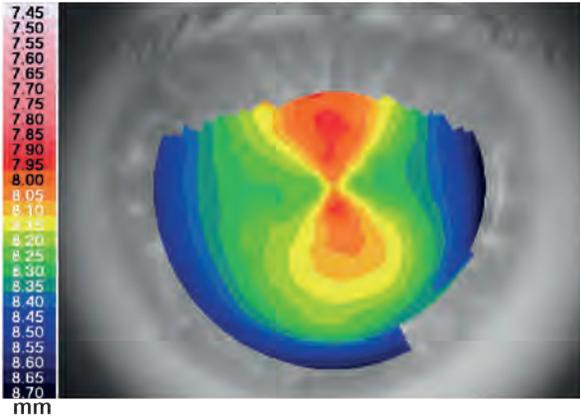
Patient : TOPCON DEMO
 Patient ID :
 Date Of Birth : 01/01/1950
(mm/dd/yyyy)

Surgeon : Surgeon Generic
 Exam Date : 02/10/2015 - 17:55
(mm/dd/yyyy)

OD

Phakic

Normalized Axial Map

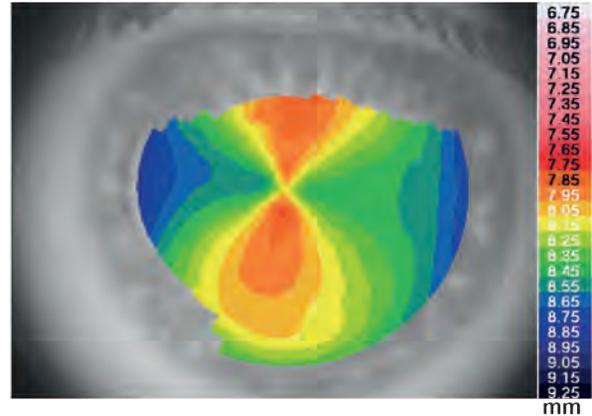


mm

OS

Phakic

Normalized Axial Map



mm

Measurement Summary

AL	23.73 mm	K1	8.28 mm@	8 °	AL	23.93 mm	K1	8.51 mm@	173 °
ACD	3.14 mm	K2	8.00 mm@	98 °	ACD	3.21 mm	K2	7.90 mm@	83 °
LT	4.04 mm	CCT	0.544 mm		LT	4.00 mm	CCT	0.556 mm	
WtoW	11.70 mm	Dec	(-0.22, -0.29)		WtoW	11.92 mm	Dec	(0.40, -0.07)	

Keratorefractive Indices

CYL 3 mm	-1.44 D	Ax:	7°	CYL 3 mm	-3.18 D	Ax:	172°
CYL 5 mm	-1.46 D	Ax:	8°	CYL 5 mm	-3.16 D	Ax:	172°
SD	SAI	e	Kc	SD	SAI	e	Kc
0.36 D	0.47 D	0.49	41.61	0.44 D	0.55 D	0.39	41.40

Apical Keratometry

AK	AGC	SI	p	AK	AGC	SI	p
43.03 D	0.90 D/mm	-0.50 D	0%	43.46 D	0.68 D/mm	-0.40 D	0%

Pupil Data

Photo: Diam	3.95 mm	Dec	0.35 mm; 168°	Photo: Diam	4.24 mm	Dec	0.21 mm; 343°
Meso: Diam	4.11 mm	Dec	0.32 mm; 187°	Meso: Diam	4.45 mm	Dec	

Zernike Analysis 5 mm

OPD	Coma	Sph. Ab.	OPD	Coma	Sph. Ab.
rms: 0.80 μm	rms: 0.15 μm	rms: 0.10 μm	rms: 1.43 μm	rms: 0.07 μm	rms: 0.14 μm



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Data Measurements n: 1.3375

Aladdin Optical

AL : 23.73 mm K1 : 8.28 mm @ 8°
 ACD : 3.14 mm K2 : 8.00 mm @ 98°
 LT 4.04 mm CYL : -1.45 D ax 8°
 CCT 0.544 mm

Target Refraction: 0

Oculentis
L-313

SRK/T	
IOL(D)	REF(D)
20.50	0.83
21.00	0.47
21.50	0.10
22.00	-0.27
22.50	-0.64

IOL @ Target A = 118.100
21.64

Oculentis
LS-313 MF30

SRK II	
IOL(D)	REF(D)
21.00	0.77
21.50	0.37
22.00	-0.03
22.50	-0.43
23.00	-0.83

IOL @ Target A = 118.600
21.97

Oculentis
LU-313 MF30T

Haigis	
IOL(D)	REF(D)
21.50	0.58
22.00	0.21
22.50	-0.16
23.00	-0.54
23.50	-0.92

IOL @ Target A0 = 0.870
22.28 A1 = 0.400
A2 = 0.100

Oculentis
LS-412Y

Hoffer Q	
IOL(D)	REF(D)
21.00	0.86
21.50	0.51
22.00	0.16
22.50	-0.20
23.00	-0.56

IOL @ Target pACD = 5.070
22.22

Oculentis
LU-800 RZI

Holladay I	
IOL(D)	REF(D)
19.00	0.90
19.50	0.52
20.00	0.13
20.50	-0.25
21.00	-0.65

IOL @ Target SF = 0.310
20.17

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OS

Phakic

Data Measurements n: 1.3375

Aladdin Optical

AL : 23.93 mm K1 : 8.51 mm @ 173°
 ACD : 3.21 mm K2 : 7.90 mm @ 83°
 LT 4.00 mm CYL : -3.06 D ax 173°
 CCT 0.556 mm

Target Refraction: 0

Oculentis
L-313

SRK/T	
IOL(D)	REF(D)
20.50	0.67
21.00	0.31
21.50	-0.06
22.00	-0.43
22.50	-0.81

IOL @ Target A = 118.100
21.42

Oculentis
LS-313 MF30

SRK II	
IOL(D)	REF(D)
21.00	0.62
21.50	0.22
22.00	-0.18
22.50	-0.58
23.00	-0.98

IOL @ Target A = 118.600
21.77

Oculentis
LU-313 MF30T

Haigis	
IOL(D)	REF(D)
21.00	0.81
21.50	0.45
22.00	0.08
22.50	-0.30
23.00	-0.67

IOL @ Target A0 = 0.870
22.10 A1 = 0.400
A2 = 0.100

Oculentis
LS-412Y

Hoffer Q	
IOL(D)	REF(D)
21.00	0.72
21.50	0.37
22.00	0.01
22.50	-0.35
23.00	-0.71

IOL @ Target pACD = 5.070
22.02

Oculentis
LU-800 RZI

Holladay I	
IOL(D)	REF(D)
19.00	0.76
19.50	0.38
20.00	-0.01
20.50	-0.40
21.00	-0.80

IOL @ Target SF = 0.310
19.99



TORIC IOL



Patient Information

Patient
TOPCON DEMO

Surgeon
SURGEON GENERIC

Patient ID

Clinic

OS

Date of Birth
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Biometry Data

AL (mm)	23.93	LT (mm)	4.00	K1 (mm)	8.51	CYL (D)	-3.06@173°
ACD (mm)	3.21	CCT (mm)	0.556	K2 (mm)	7.90	n	1.3375

Surgical Pre Op Data

SEQ (D)	23.00	SIA (D)	0
Formula	Holladay I	IL (°)	83

Expected Post Op Cornea

K1 Post (mm)	8.51	K2 Post (mm)	7.90
CYL Post (D)	-3.06 @ 173°		

SF = 1.980

Toric IOL

Lens Model

Alcon AcrySof SN6AT6

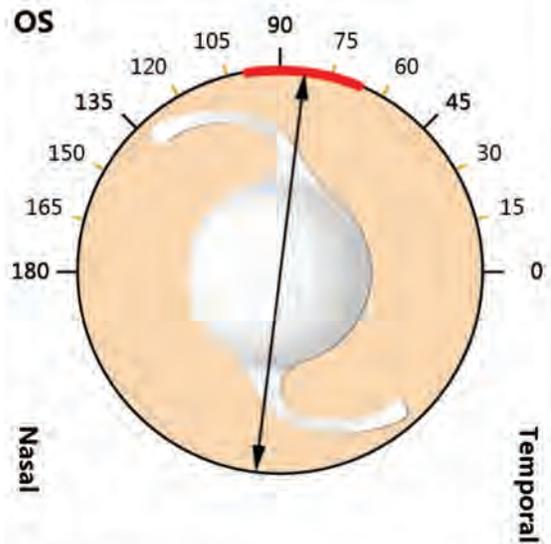
Spherical Power Cylindrical Power
21.50 D **3.75 D**

Sph. Equiv. Power Axis Of Placement
23.38 D **83°**

Expected Refraction
-0.02D -0.44 D @ 173°

Lens	Residual Astigmatism
AcrySof SN6AT4 (22.00D 2.25C)	-1.48 D @ 173°
AcrySof SN6AT5 (21.50D 3.00C)	-0.96 D @ 173°
AcrySof SN6AT6 (21.50D 3.75C)	-0.44 D @ 173°
AcrySof SN6AT7 (21.00D 4.50C)	-0.08 D @ 83°
AcrySof SN6AT8 (20.50D 5.25C)	-0.60 D @ 83°

Toric IOL Placement



Quantity **1**

Notes



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OS

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Axial length values

Comp. AL: 23.73 mm		Comp. AL: 23.93 mm	
AL	AL	AL	AL
23.79 mm		23.95 mm	
23.77 mm		23.91 mm	
23.72 mm		23.85 mm	
23.73 mm		23.93 mm	
23.73 mm		23.96 mm	
23.72 mm		23.94 mm	

Value Corneal Curvature

KER: 8.28/8.00 mm CYL: -1.45 D Ax 8°		KER: 8.51/7.90 mm CYL: -3.06 D Ax 173°	
K1: 8.28 mm @ 8°	40.74 D	K1: 8.51 mm @ 173°	39.64 D
K2: 8.00 mm @ 98°	42.19 D	K2: 7.90 mm @ 83°	42.71 D
CYL: -1.45 D ax 8°		CYL: -3.06 D ax 173°	

ACD value

ACD: 3.14 mm		ACD: 3.21 mm	
3.14 mm		3.21 mm	

LT value

LT: 4.04 mm		LT: 4.00 mm	
4.04 mm		4.00 mm	

CCT value

CCT: 0.544 mm		CCT: 0.556 mm	

White to White

WTW 11.70 mm Dec (-0.22 mm, -0.29 mm)		WTW 11.92 mm Dec (0.40 mm, -0.07 mm)	



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Dynamic Pupillometry

OD

Diameter (mm)

Min	Max
3.48	4.98



Center (mm)

Mean	Std Dev
x= -0.27	0.07
y= 0.02	

OS

Diameter (mm)

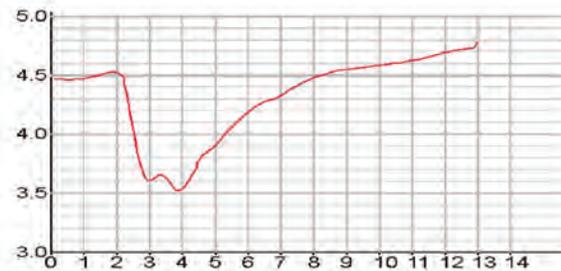
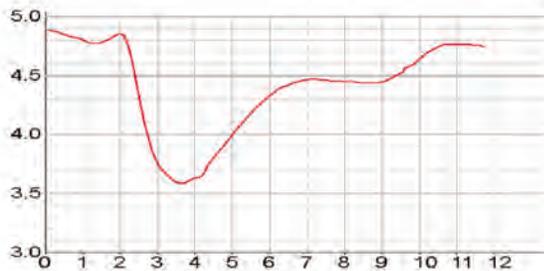
Min	Max
3.27	4.78



Center (mm)

Mean	Std Dev
x= 0.25	0.08
y= -0.04	

Latency



Static Pupillometry

Diameter (mm)

	Mesopic	Photopic
Mean	4.57	3.80
Std Dev	0.09	0.09

Center (mm)

	Mesopic	Photopic
X	-0.33	-0.27
Y	0.04	-0.01

Diameter (mm)

	Mesopic	Photopic
Mean	4.60	3.71
Std Dev	0.09	0.10

Center (mm)

	Mesopic	Photopic
X	0.25	0.21
Y	-0.15	-0.09

