

The following examples are created by IOLCon and do not contain real data.

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Date of birth: 1983 Sep 26
Date of exam: 2023 Nov 29 - 08:46



User: Galilei
Profile: Galilei default



OD

Phakic eye Target Refraction -0.50D

n 1.3375			
Flat SimK	43.00D	R1	7.85mm 163°
Steep SimK	43.49D	R2	7.76mm 73°
Ant. Astig	0.49D	Steep Angle	73°
Post. Flat K	-6.04D		170°
Post. Steep K	-6.30D		80°
Post. Astig	-0.26D	Post. Steep Angle	80°
AL	23.05mm	LT	4.18mm
ACD	3.05mm	WTW, N-T	11.74mm

Post Refractive Data History No refractive treatment

PreOp Sph.	n/a	Cyl.	n/a	n/a
PostOp Sph.	n/a	Cyl.	n/a	n/a
PreOp S.E.	n/a	PostOp S.E.	n/a	
True K	n/a	Correction	n/a	

Alcon (Selected)	Alcon		
SN60WF	SN60WF		
Barrett Universal II	Hoffer Q		
IOL [D]	Ref. [D]	IOL [D]	Ref. [D]
22.50	0.30	23.00	0.27
23.00	-0.06	23.50	-0.07
23.50	-0.43	24.00	-0.41
24.00	-0.80	24.50	-0.76
24.50	-1.18	25.00	-1.11
IOL@Target Refraction 23.60 D		IOL@Target Refraction 24.13 D	
IOL Constant LF:1.88 DF:n/a		IOL Constant 5.640	
Alcon	Alcon		
SN60WF	SN60WF		
SRK/T	Haigis		
IOL [D]	Ref. [D]	IOL [D]	Ref. [D]
22.50	0.34	23.00	0.28
23.00	-0.00	23.50	-0.08
23.50	-0.35	24.00	-0.43
24.00	-0.70	24.50	-0.80
24.50	-1.06	25.00	-1.16
IOL@Target Refraction 23.71 D		IOL@Target Refraction 24.09 D	
IOL Constant 119.000		IOL Constant -0.769 0.234 0.217	
Alcon	Alcon		
SN60WF	SN60WF		
Holladay I	SRK II		
IOL [D]	Ref. [D]	IOL [D]	Ref. [D]
23.00	0.14	22.50	0.12
23.50	-0.21	23.00	-0.28
24.00	-0.55	23.50	-0.68
24.50	-0.90	24.00	-1.08
25.00	-1.26	24.50	-1.48
IOL@Target Refraction 23.92 D		IOL@Target Refraction 23.28 D	
IOL Constant 1.840		IOL Constant 119.200	

OS

Target Refraction 0.00D Phakic eye

n 1.3375			
Flat SimK	42.42D	R1	7.96mm 47°
Steep SimK	43.45D	R2	7.77mm 137°
Ant. Astig	1.03D	Steep Angle	137°
Post. Flat K	-5.87D		54°
Post. Steep K	-6.29D		144°
Post. Astig	-0.42D	Post. Steep Angle	144°
AL	23.16mm	LT	4.39mm
ACD	3.12mm	WTW, N-T	11.73mm

Post Refractive Data History No refractive treatment

PreOp Sph.	n/a	Cyl.	n/a	n/a
PostOp Sph.	n/a	Cyl.	n/a	n/a
PreOp S.E.	n/a	PostOp S.E.	n/a	
True K	n/a	Correction	n/a	

Alcon	Alcon		
SN60WF	SN60WF		
Haigis	Holladay I		
IOL [D]	Ref. [D]	IOL [D]	Ref. [D]
22.50	0.69	22.00	0.81
23.00	0.34	22.50	0.48
23.50	-0.02	23.00	0.14
24.00	-0.37	23.50	-0.21
24.50	-0.74	24.00	-0.55
IOL@Target Refraction 23.48 D		IOL@Target Refraction 23.20 D	
IOL Constant -0.769 0.234 0.217		IOL Constant 1.840	
Alcon	Alcon		
SN60WF	SN60WF		
Hoffer Q	SRK/T		
IOL [D]	Ref. [D]	IOL [D]	Ref. [D]
22.50	0.62	22.00	0.67
23.00	0.29	22.50	0.33
23.50	-0.05	23.00	-0.02
24.00	-0.39	23.50	-0.37
24.50	-0.74	24.00	-0.72
IOL@Target Refraction 23.42 D		IOL@Target Refraction 22.98 D	
IOL Constant 5.640		IOL Constant 119.000	
Alcon	Alcon		
SN60WF	SN60WF		
Shammas post-LASIK	Barrett Universal II		
IOL [D]	Ref. [D]	IOL [D]	Ref. [D]
23.00	0.81	22.00	0.72
23.50	0.46	22.50	0.36
24.00	0.10	23.00	0.00
24.50	-0.27	23.50	-0.36
25.00	-0.64	24.00	-0.73
IOL@Target Refraction 24.13 D		IOL@Target Refraction 23.01 D	
IOL Constant 4.861		IOL Constant LF:1.88 DF:n/a	

Patient

Geburtsdatum 20.07.1950

Geschlecht Männlich

Patienten-ID

Charlottenklinik
Ambulanz

Arzt Charlottenklinik

Bediener Charlottenklinik

Datum Kalibrierprüfung: 24.04.2024

von: Charlottenklinik

Ergebnis: OK

Datum Messung: 24.04.2024

n: 1,332

HSA: 12,00 mm

[OS] OS: Achslänge des linken Auges 25.18 mm. - Hinweis: langes Auge

OD rechts		IOL-Berechnung		OS links	
Augenstatus					
LS: Phak Ref: --- LVC: Unbehandelt Ziel Ref.: Plan	GS: Glaskörper VA: --- LVC-Modus: - SIA: +0,00 dpt @ 0°	LS: Phak Ref: --- LVC: Unbehandelt Ziel Ref.: Plan	GS: Glaskörper VA: --- LVC-Modus: - SIA: +0,00 dpt @ 0°		
Biometriewerte					
AL: 24,91 mm VKT: 3,39 mm LD: 4,30 mm WzW: 11,5 mm	SD: 13 µm SD: 4 µm SD: 7 µm	AL: 25,18 mm VKT: 3,35 mm LD: 4,38 mm WzW: 11,6 mm	SD: 6 µm SD: 4 µm SD: 7 µm		
SE: 40,80 dpt ΔK: -1,15 dpt @ 13° TSE: --- ΔTK: ---	SD: 0,00 dpt K1: 40,23 dpt @ 13° K2: 41,39 dpt @ 103° TK1: --- TK2: ---	SE: 40,85 dpt ΔK: -0,67 dpt @ 14° TSE: --- ΔTK: ---	SD: 0,01 dpt K1: 40,51 dpt @ 14° K2: 41,18 dpt @ 104° TK1: --- TK2: ---		
K Alcon Clareon CNA0T0	K 1stQ Basis Z hydrophob	K Alcon Clareon CNA0T0	K 1stQ Basis Z hydrophob		
- Haigis - A0: -0,399 A1: +0,209 A2: +0,211	- Haigis - A0: +0,875 A1: +0,266 A2: +0,142	- Haigis - A0: -0,399 A1: +0,209 A2: +0,211	- Haigis - A0: +0,875 A1: +0,266 A2: +0,142		
IOL (dpt) Ref (dpt)	IOL (dpt) Ref (dpt)	IOL (dpt) Ref (dpt)	IOL (dpt) Ref (dpt)		
+21,00 -0,69	+20,50 -0,66	+20,00 -0,64	+19,50 -0,62		
+20,50 -0,34	+20,00 -0,30	+19,50 -0,29	+19,00 -0,26		
+20,00 +0,01	+19,50 +0,05	+19,00 +0,05	+18,50 +0,09		
+19,50 +0,35	+19,00 +0,40	+18,50 +0,39	+18,00 +0,44		
+19,00 +0,69	+18,50 +0,74	+18,00 +0,73	+17,50 +0,78		
+20,01 Emmetropie	+19,57 Emmetropie	+19,07 Emmetropie	+18,63 Emmetropie		
K Alcon AcrySof IQ Vivity DFT 015	K 1stQ Basis Z EDOF	K Alcon AcrySof IQ Vivity DFT 015	K 1stQ Basis Z EDOF		
- Haigis - A0: +1,476 A1: +0,233 A2: +0,122	- Haigis - A0: +0,655 A1: +0,266 A2: +0,142	- Haigis - A0: +1,476 A1: +0,233 A2: +0,122	- Haigis - A0: +0,655 A1: +0,266 A2: +0,142		
IOL (dpt) Ref (dpt)	IOL (dpt) Ref (dpt)	IOL (dpt) Ref (dpt)	IOL (dpt) Ref (dpt)		
+20,50 -0,67	+20,00 -0,58	+19,50 -0,63	+19,50 -0,88		
+20,00 -0,31	+19,50 -0,21	+19,00 -0,28	+19,00 -0,52		
+19,50 +0,04	+19,00 +0,14	+18,50 +0,07	+18,50 -0,16		
+19,00 +0,39	+18,50 +0,50	+18,00 +0,42	+18,00 +0,20		
+18,50 +0,73	+18,00 +0,84	+17,50 +0,76	+17,50 +0,55		
+19,56 Emmetropie	+19,20 Emmetropie	+18,60 Emmetropie	+18,28 Emmetropie		

(!) grenzwertiger Wert

(*) Wert manuell editiert

--- kein Wert gemessen

Kommentar



CID/CN: CLINIC ID NAME
CAdd: CLINIC ADDRESS

ID:

Name:

Sex/DB: Male / 1960/

Physician:

Comment:



Date: 2023/May/15 08:55
Surgeon:



R (OD)		Axial: 22.57mm Phakic		Ref: 1.3496	
		ACD: 3.44mm	SD: 0.00	No. 1	
		Lens: 3.72mm	SNR: 999	Immersion	
K1[D/mm]: 42.29 / 7.98 @ 4° Φ 2.5mm / No.1		K2[D/mm]: 44.18 / 7.64 @ 94° Cyl: 1.89		Avg K: 43.21 / 7.81 KAI: 6.00@157 A KRI: 2.30 A	
WTW: 11.88mm		Pupil: 4.18mm		Pachy: 507 μ m	
Target Ref: 0.00 D		KI: 1.3375			
Barrett UII		Barrett TrueK			
OPHTEC		1stQ			
A205		B1ABY0			
LF: 0.15 DF: 5.00		LF: 1.83 DF: 5.00		History: M-Lasik	
IOL REF(D)		REFpre: REFpost:			
19.00	1.77	23.50	1.49		
19.50	1.38	24.00	1.14		
20.00	0.98	24.50	0.79		
20.50	0.58	25.00	0.43		
21.00	0.17	25.50	0.07		
21.50	-0.24	26.00	-0.29		
22.00	-0.66	26.50	-0.66		
22.50	-1.09	27.00	-1.04		
23.00	-1.52	27.50	-1.41		
Power	21.21	Power	25.60		
Olsen		SRK/T			
Abbott		Bausch + Lomb			
Sensor AR40M		LuxSmart toric			
ACD-Const: 4.68		A-Const: 118.50			
IOL REF(D)		IOL REF(D)			
22.00	1.40	22.00	1.32		
22.50	1.04	22.50	0.98		
23.00	0.68	23.00	0.63		
23.50	0.31	23.50	0.27		
24.00	-0.07	24.00	-0.09		
24.50	-0.45	24.50	-0.45		
25.00	-0.83	25.00	-0.82		
25.50	-1.22	25.50	-1.19		
26.00	-1.61	26.00	-1.56		
Power	23.91	Power	23.88		

L (OS)		Axial: 22.85mm Phakic		Ref: 1.3496	
		ACD: 3.49mm	SD: 0.00	No. 1	
		Lens: 3.69mm	SNR: 999	Immersion	
K1[D/mm]: 42.19 / 8.00 @ 0° Φ 2.5mm / No.1		K2[D/mm]: 44.47 / 7.59 @ 90° Cyl: 2.28		Avg K: 43.32 / 7.79 KAI: 4.10@154 A KRI: 2.10 A	
WTW: 12.88mm		Pupil: 3.84mm		Pachy: 517 μ m	
Target Ref: 0.00 D		KI: 1.3375			
Barrett UII		Barrett TrueK			
OPHTEC		1stQ			
A205		B1ABY0			
LF: 0.15 DF: 5.00		LF: 1.83 DF: 5.00		History: M-Lasik	
IOL REF(D)		REFpre: REFpost:			
18.50	1.55	22.50	1.52		
19.00	1.16	23.00	1.18		
19.50	0.77	23.50	0.83		
20.00	0.37	24.00	0.48		
20.50	-0.04	24.50	0.13		
21.00	-0.45	25.00	-0.23		
21.50	-0.87	25.50	-0.59		
22.00	-1.29	26.00	-0.96		
22.50	-1.71	26.50	-1.33		
Power	20.45	Power	24.69		
Olsen		SRK/T			
Abbott		Bausch + Lomb			
Sensor AR40M		LuxSmart toric			
ACD-Const: 4.68		A-Const: 118.50			
IOL REF(D)		IOL REF(D)			
21.00	1.35	21.00	1.31		
21.50	0.99	21.50	0.97		
22.00	0.63	22.00	0.62		
22.50	0.26	22.50	0.27		
23.00	-0.12	23.00	-0.08		
23.50	-0.49	23.50	-0.44		
24.00	-0.88	24.00	-0.81		
24.50	-1.26	24.50	-1.17		
25.00	-1.66	25.00	-1.54		
Power	22.85	Power	22.88		