

Reports Measurement Summary

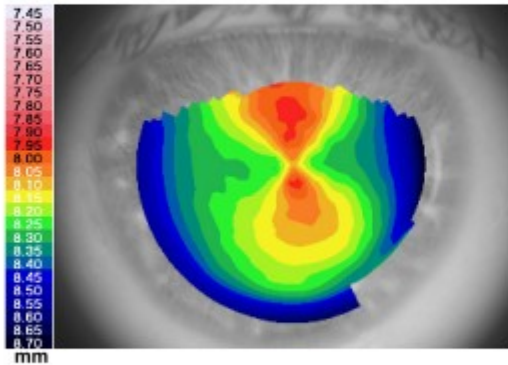


**Patient** : TOPCON DEMO  
**Patient ID** :  
**Date Of Birth** : 01/01/1950  
(mm/dd/yyyy)

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

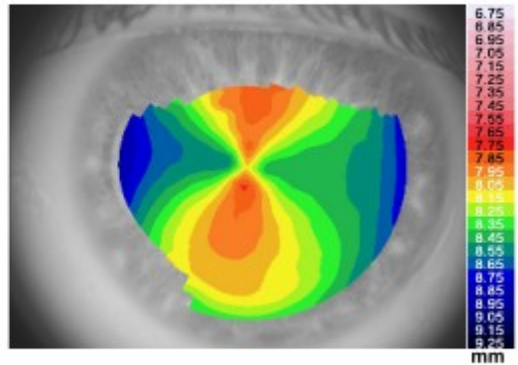
**OD**

Phakic



**OS**

Phakic



**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 |

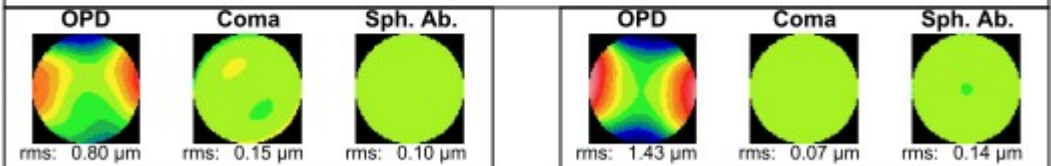
**Keratoconus Screening**

|         |           |         |    |         |           |         |    |
|---------|-----------|---------|----|---------|-----------|---------|----|
| 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**



# Reports IOL Calculation



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

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

L-313

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

IOL @ Target A = 118.100  
21.64

LS-313 MF30

| SRK II       |              |
|--------------|--------------|
| IOL(D)       | REF(D)       |
| 21.00        | 0.77         |
| 21.50        | 0.37         |
| <b>22.00</b> | <b>-0.03</b> |
| 22.50        | -0.43        |
| 23.00        | -0.83        |

IOL @ Target A = 118.600  
21.97

LU-313 MF30T

| Haigis       |              |
|--------------|--------------|
| IOL(D)       | REF(D)       |
| 21.50        | 0.58         |
| 22.00        | 0.21         |
| <b>22.50</b> | <b>-0.16</b> |
| 23.00        | -0.54        |
| 23.50        | -0.92        |

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

LS-412Y

| Hoffer Q     |             |
|--------------|-------------|
| IOL(D)       | REF(D)      |
| 21.00        | 0.86        |
| 21.50        | 0.51        |
| <b>22.00</b> | <b>0.16</b> |
| 22.50        | -0.20       |
| 23.00        | -0.56       |

IOL @ Target pACD = 5.070  
22.22

LU-800 RZI

| Holladay I   |             |
|--------------|-------------|
| IOL(D)       | REF(D)      |
| 19.00        | 0.90        |
| 19.50        | 0.52        |
| <b>20.00</b> | <b>0.13</b> |
| 20.50        | -0.25       |
| 21.00        | -0.65       |

IOL @ Target SF = 0.310  
20.17

## 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

L-313

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

IOL @ Target A = 118.100  
21.42

LS-313 MF30

| SRK II       |              |
|--------------|--------------|
| IOL(D)       | REF(D)       |
| 21.00        | 0.62         |
| 21.50        | 0.22         |
| <b>22.00</b> | <b>-0.18</b> |
| 22.50        | -0.58        |
| 23.00        | -0.98        |

IOL @ Target A = 118.600  
21.77

LU-313 MF30T

| Haigis       |             |
|--------------|-------------|
| IOL(D)       | REF(D)      |
| 21.00        | 0.81        |
| 21.50        | 0.45        |
| <b>22.00</b> | <b>0.08</b> |
| 22.50        | -0.30       |
| 23.00        | -0.67       |

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

LS-412Y

| Hoffer Q     |             |
|--------------|-------------|
| IOL(D)       | REF(D)      |
| 21.00        | 0.72        |
| 21.50        | 0.37        |
| <b>22.00</b> | <b>0.01</b> |
| 22.50        | -0.35       |
| 23.00        | -0.71       |

IOL @ Target pACD = 5.070  
22.02

LU-800 RZI

| Holladay I   |              |
|--------------|--------------|
| IOL(D)       | REF(D)       |
| 19.00        | 0.76         |
| 19.50        | 0.38         |
| <b>20.00</b> | <b>-0.01</b> |
| 20.50        | -0.40        |
| 21.00        | -0.80        |

IOL @ Target SF = 0.310  
19.99

Reports Generic Toric IOL Calculation\*

|   |                                       |  |
|---|---------------------------------------|--|
|  | <h1 style="margin: 0;">TORIC IOL</h1> |  |
|---|---------------------------------------|--|

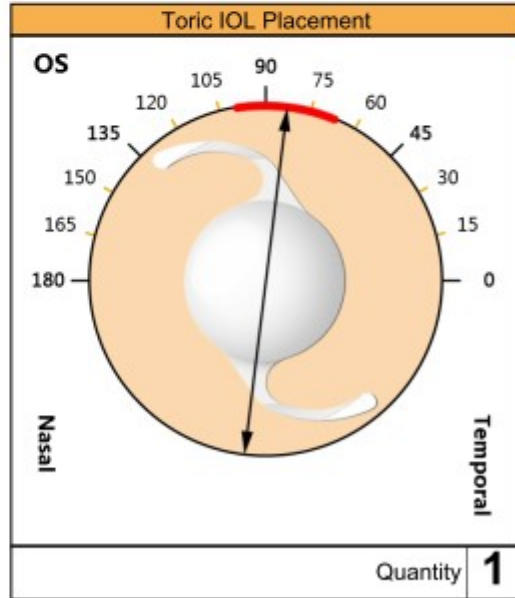
| Patient Information   |   |           |
|---|---|-----------|
| Patient<br><b>TOPCON DEMO</b>                                   | Surgeon<br><b>SURGEON GENERIC</b>                                   | <b>OS</b> |
| Patient ID  | Clinic  |           |
| Date of Birth<br><b>01/01/1950</b><br><small>dd/mm/yyyy</small> | Exam Date<br><b>02/10/2015 - 17:55</b><br><small>dd/mm/yyyy</small> |           |

| Biometry Data |              |          |              |         |             |         |                   |
|---------------|--------------|----------|--------------|---------|-------------|---------|-------------------|
| AL (mm)       | <b>23.93</b> | LT (mm)  | <b>4.00</b>  | K1 (mm) | <b>8.51</b> | CYL (D) | <b>-3.06@173°</b> |
| ACD (mm)      | <b>3.21</b>  | CCT (mm) | <b>0.556</b> | K2 (mm) | <b>7.90</b> | n       | <b>1.3375</b>     |

| Surgical Pre Op Data |                   |         |           |
|----------------------|-------------------|---------|-----------|
| SEQ (D)              | <b>23.00</b>      | SIA (D) | <b>0</b>  |
| Formula              | <b>Holladay I</b> | IL (°)  | <b>83</b> |

| Expected Post Op Cornea |                     |              |             |
|-------------------------|---------------------|--------------|-------------|
| K1 Post (mm)            | <b>8.51</b>         | K2 Post (mm) | <b>7.90</b> |
| CYL Post (D)            | <b>-3.06 @ 173°</b> |              |             |

| Toric IOL   |                      |
|---|----------------------|
| Lens Model<br><b>Alcon AcrySof SN6AT6</b>           |                      |
| Spherical Power                                     | Cylindrical Power    |
| <b>21.50 D</b>                                      | <b>3.75 D</b>        |
| Sph. Equiv. Power                                   | Axis Of Placement    |
| <b>23.38 D</b>                                      | <b>83°</b>           |
| Expected Refraction<br><b>-0.02D -0.44 D @ 173°</b> |                      |
| 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°        |



| Notes |
|-------|
|       |

Reports Biometry



Patient : TOPCON DEMO

Surgeon : Surgeon Generic

Patient ID :

Exam Date : 02/10/2015 - 17:55

Date Of Birth : 01/01/1950  
(mm/dd/yyyy)

(mm/dd/yyyy)

**OD**

**OS**

Phakic

Phakic

| 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                          |         |
| 0.544 mm                              |         | 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)   |         |
| 11.70 mm Dec (-0.22 mm, -0.29 mm)     |         | 11.92 mm Dec (0.40 mm, -0.07 mm)       |         |

## Reports Pupillometry



**Patient** : TOPCON DEMO

**Surgeon** : Surgeon Generic

**Patient ID** :

**Exam Date** : 02/10/2015 - 17:55

**Date Of Birth** : 01/01/1950  
(mm/dd/yyyy)

(mm/dd/yyyy)

### 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)**

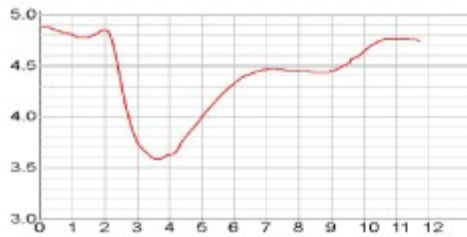
| Min  | Max  |
|------|------|
| 3.27 | 4.78 |

**Center (mm)**

| Mean     | Std Dev |
|----------|---------|
| x= 0.25  | 0.08    |
| y= -0.04 |         |



### Latency



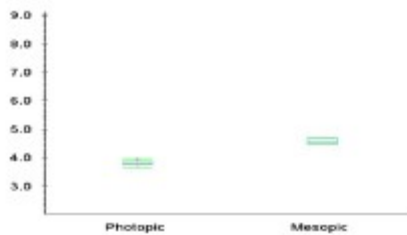
### Static Pupillometry

**Diameter (mm)**

|                | Mesopic | Photopic |
|----------------|---------|----------|
| <b>Mean</b>    | 4.57    | 3.80     |
| <b>Std Dev</b> | 0.09    | 0.09     |

**Center (mm)**

|          | Mesopic | Photopic |
|----------|---------|----------|
| <b>X</b> | -0.33   | -0.27    |
| <b>Y</b> | 0.04    | -0.01    |



**Diameter (mm)**

|                | Mesopic | Photopic |
|----------------|---------|----------|
| <b>Mean</b>    | 4.60    | 3.71     |
| <b>Std Dev</b> | 0.09    | 0.10     |

**Center (mm)**

|          | Mesopic | Photopic |
|----------|---------|----------|
| <b>X</b> | 0.25    | 0.21     |
| <b>Y</b> | -0.15   | -0.09    |

