



Centro Medico Dali PBX 601 01 12
Calle 97 No 23 - 37 Cons 521-522

OCULUS - PENTACAM 4 mapas refractivos

1.3204

Apellido(s): Huelano Pena
Nombre: Laura Shyrly
ID: 1018493167
Fecha Nacimiento: 02/26/1997 Ojo: Derecho
Fecha Examen: 06/26/2025 Hora: 13:48:52
Examen Info:

Córnea Anterior

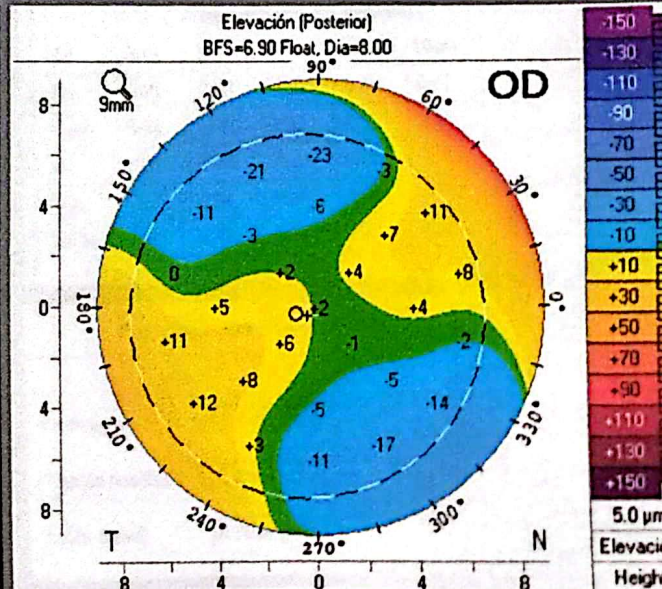
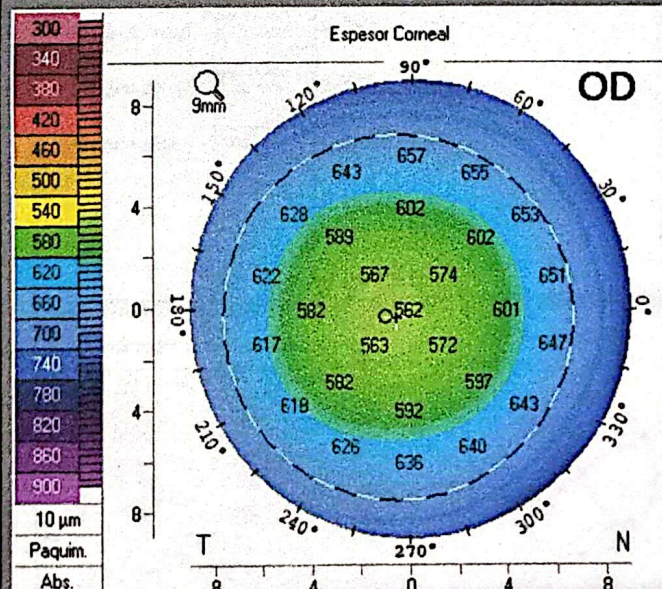
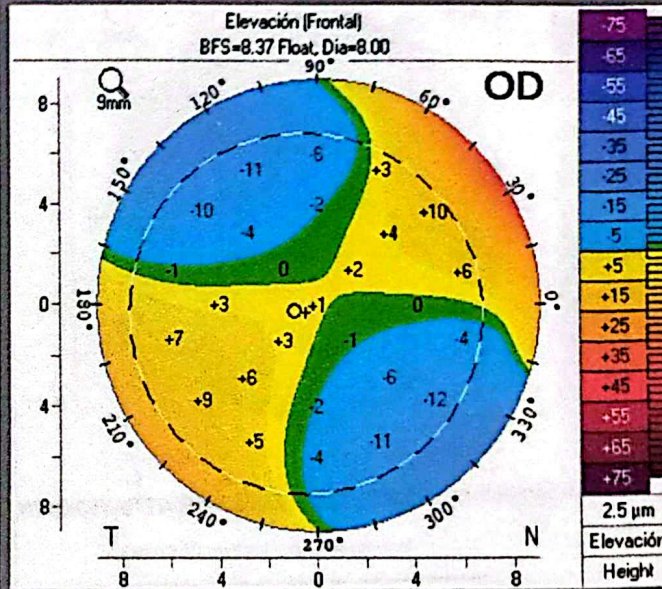
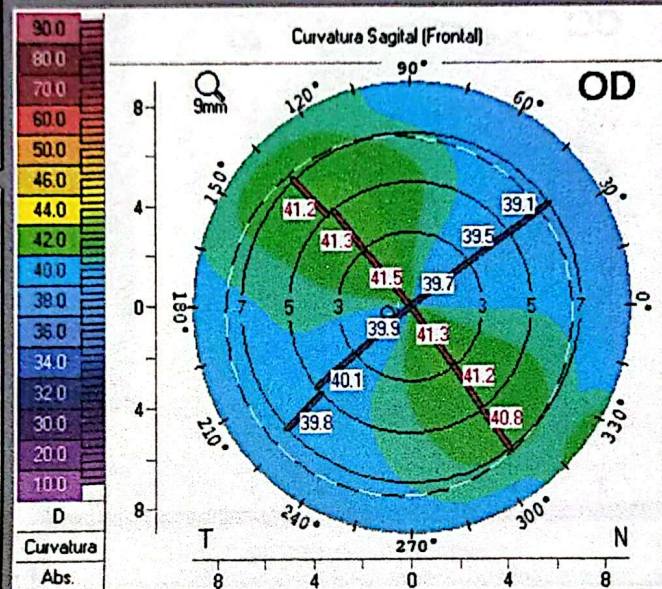
Rf: 8.49 mm K1: 39.8 D
Rs: 8.15 mm K2: 41.4 D
Rm: 8.32 mm Km: 40.6 D
QS: OK Eje: (plano) 34.8° Astig: 1.7 D
Q: (8mm) -0.20 Rper: 8.46 mm Rmín: 8.11 mm

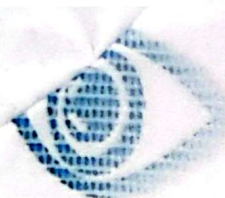
Córnea Posterior

Rf: 7.05 mm K1: -5.7 D
Rs: 6.70 mm K2: -6.0 D
Rm: 6.88 mm Km: -5.8 D
QS: OK Eje: (plano) 25.5° Astig: 0.3 D
Q: (8mm) -0.27 Rper: 7.09 mm Rmín: 6.57 mm

Paquí: x(mm) y(mm)
Centro pupila: + 561 µm -0.25 -0.17
Paquí Vértice N.: 562 µm 0.00 0.00
Posición más fina: O 560 µm -0.48 -0.14
K Máx. (Front): 41.6 D -0.21 +0.28
Volumen córnea: 59.9 mm³ Ø Córnea:
Volumen cámara: 211 mm³ Ángulo: 45.4°
Prof. cámara ant (Ext): 3.75 mm Diám. Pupil: 7.16 mm
Dar IOP IOP(Sum): -0.5 mmHg Esp. crist.: 3.66 mm
Longitud Axial: SNR(LongA)

Refractivo





Centro Medico Dali PBX 601 01 12

Calle 97 No 23 - 37 Cons 521-522

OCULUS - PENTACAM Topometric/KC-Staging

1.3204

Apellido(s): Huerfano Pena
Nombre: Laura Shyrly
ID: 1018493167
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Fecha Examen: 06/26/2025 Hora: 13:48:52
Examen Info:

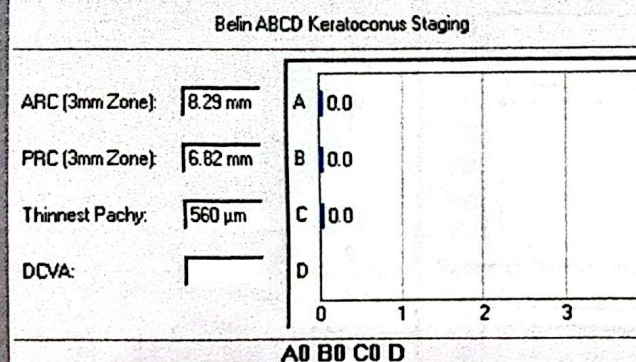
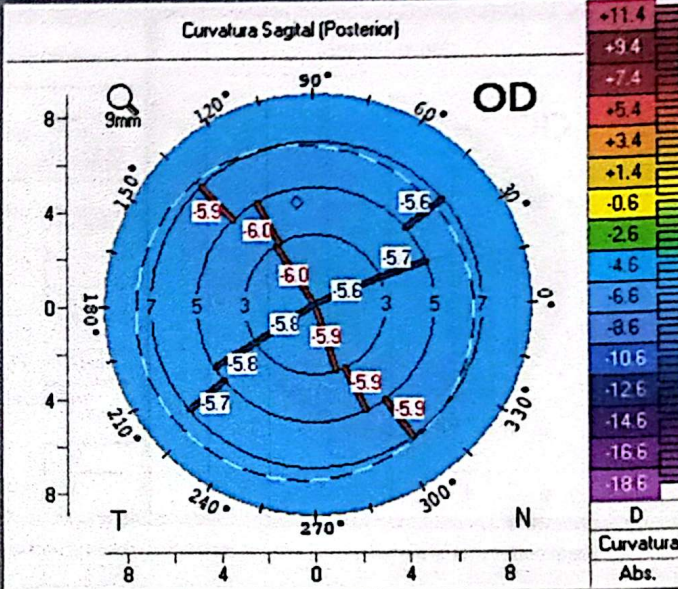
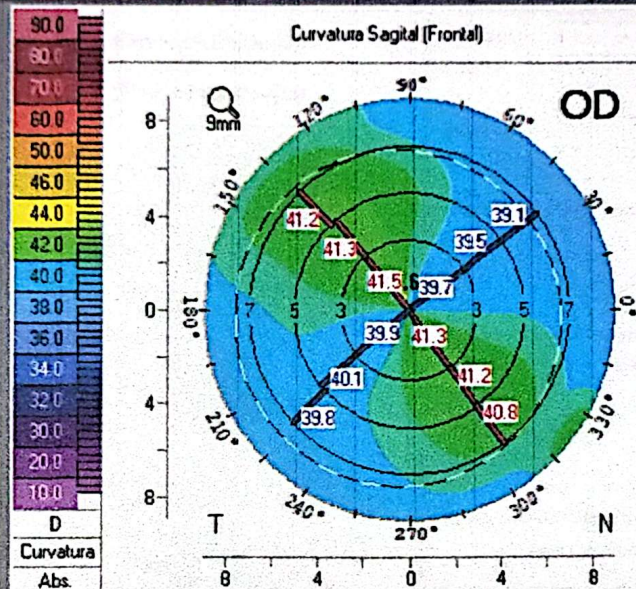
Córnea Anterior
Rf: 8.49 mm K1: 39.8 D
Rs: 8.15 mm K2: 41.4 D
Rm: 8.32 mm Km: 40.6 D
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Q: (8mm) -0.20 Rper: 8.46 mm Rmín: 8.11 mm

Córnea Posterior
Rf: 7.05 mm K1: -5.7 D
Rs: 6.70 mm K2: -6.0 D
Rm: 6.88 mm Km: -5.8 D
Eje: (plano) 25.5° Astig: 0.3 D
Q: (8mm) -0.27 Rper: 7.09 mm Rmín: 6.57 mm

QUERATOMÉTRICO TOTAL
Astig: 1.6 D K1: 38.6 D
Eje: (plano) 36.7° K2: 40.2 D
P.Máx: 40.5 D Km: 39.4 D

Centro pupila: + 561 µm x(mm) -0.25 y(mm) -0.17
Paquí Vértice N.: 562 µm 0.00 0.00
Posición más fina: O 560 µm -0.48 -0.14
K Máx. (Front): 41.6 D -0.21 +0.28

Volumen córnea: 59.9 mm³ Ø Córnea: 7.16 mm
Volumen cámara: 211 mm³ Ángulo: 45.4°
Prof. cámara ant (Ext.): 3.75 mm Diám. Pupit: 7.16 mm
IOP(Sum): -0.5 mmHg Esp. crist.: 3.66 mm
Longitud Axial: SNR(Long Ax)



Astericidad (frontal) del meridiano principal

| | Anillos periféricos mm (diámetro) | | | | |
|-------|-----------------------------------|-------|-------|-------|-------|
| (Q) | 6mm | 7mm | 8mm | 9mm | 10mm |
| Nas | -0.25 | -0.28 | -0.29 | -0.31 | -0.42 |
| Temp | -0.04 | -0.08 | -0.12 | -0.15 | -0.18 |
| Inf | -0.18 | -0.20 | -0.22 | -0.27 | -0.38 |
| Sup | -0.12 | -0.14 | -0.17 | -0.20 | -0.27 |
| Media | -0.14 | -0.18 | -0.20 | -0.23 | -0.32 |

Frontal:
Asfericidad
Curvatura sagital
Posterior:
Asfericidad
Curvatura sagital

Índices (en la zona de 8 mm)

ISV: 15 IHA: 1.0
IVA: 0.06 IHD: 0.002
KI: 1.01 RMín: 8.11
CKI: 1.00 TKC: -
KISA: 2.934 IS: 0.06

Astericidad (Frontal) en 8mm

Hor.: -0.21
Vért.: -0.19

Puntos localizados en la zona de 8 mm (coordenadas polares)

Centro pupila: + 0.30mm (213.5°)
Posición más fina: O 0.50mm (195.9°)
K Máx. (Front): 0.35mm (126.9°)

OCULUS - PENTACAM Belin/Ambrósio Enhanced Ectasia Display

1.32/04

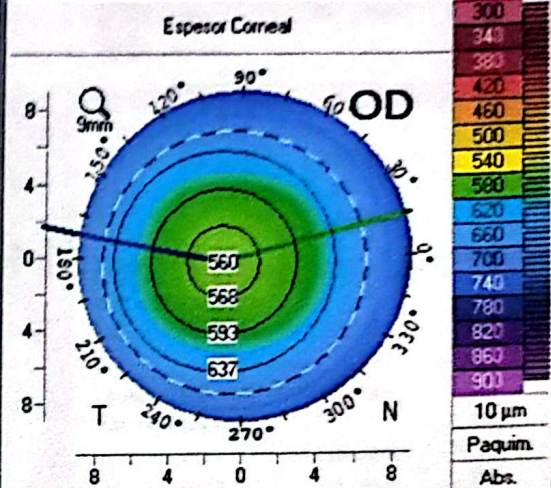
Apellido(s): Huelano Pena
Nombre: Laura Shyly
ID: 1018433167
Fecha Nacimiento: 02/26/1997 Ojo: Derecho
Fecha Examen: 06/26/2025 Hora: 13:48:52
Examen Info:

K1: 39.80 Eje: 34.8°
K2: 41.40 Q: -0.20
KMáx: 41.60 QS: OK

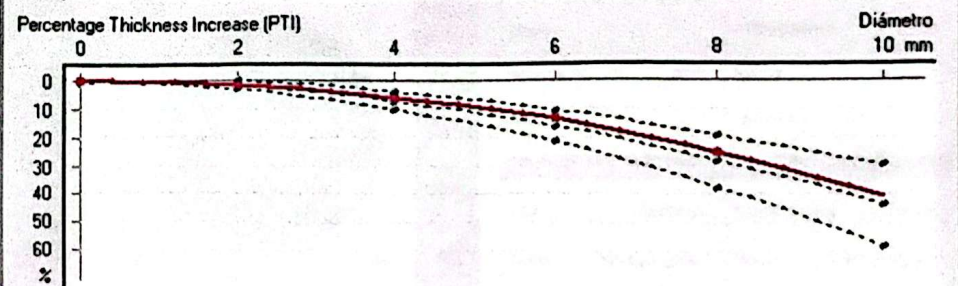
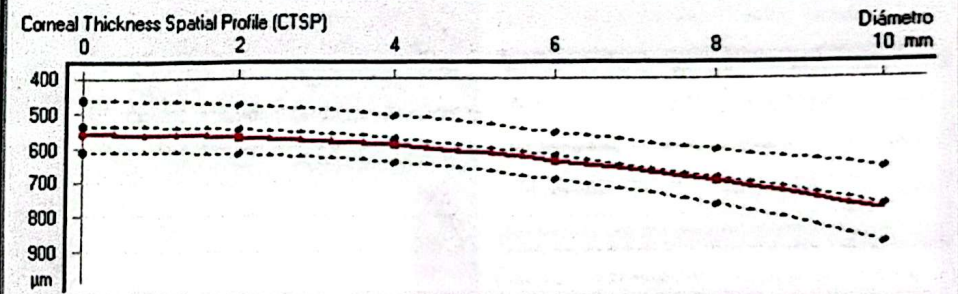
Posición de menor Paquim: 560µm
Dist. Vértice N.-Loc más fina: IT 0.50mm

Ele.Front.: 2µm Ele.Post.: 3µm

Índice de Progresión:
Mín.: 0.72 Máx.: 0.92
Media: 0.85 ARTmax: 612



Valor del grosor de la córnea promediado en anillos concéntricos en torno a la zona más delgada

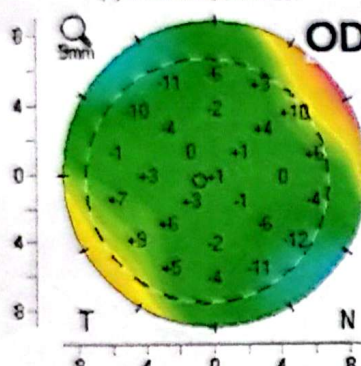


Base de datos de refere: ☒ Miopo/Normal ☐ Cil Hipermét./Míxo ☐ Literatura

Df: -0.04 Db: -0.48 Dp: -0.38 Dt: -0.63 Da: -1.13 D: -0.17

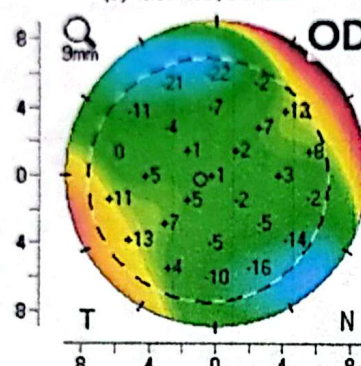
Elevación (Frontal)

(F)=8.36 Float, Dia=8.00

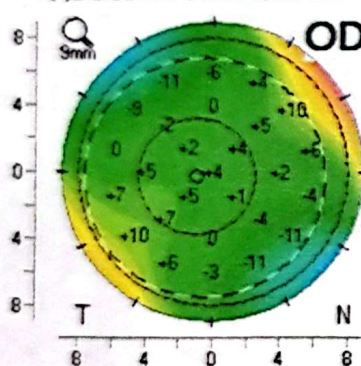


Elevación (Posterior)

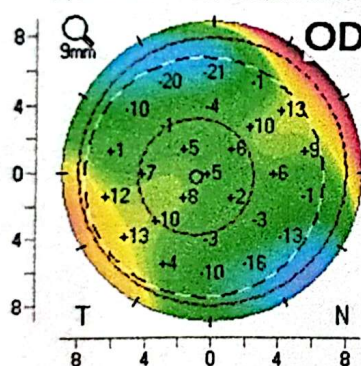
(B)=6.88 Float, Dia=8.00



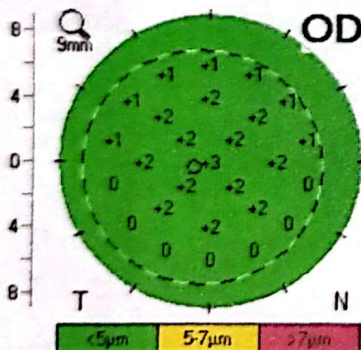
(F) Excl. 3.5mm r=8.39 Float, Dia=8.00



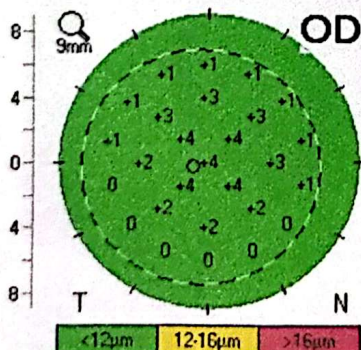
(B) Excl. 3.5mm r=6.91 Float, Dia=8.00



Diferencia (Frontal)



Diferencia (Posterior)



2.5 µm

Elevación

Fixed

OCULUS - PENTACAM Full Sequence Overview

1.32:04



Laura Shyrly Huerfano Pena

28 Years

Fecha Examen 06/26/2025

Estado d

Tomo

OK

Retro

OK

ID 1018493167

Date Of Birth 02/26/1997

Hora Examen 13:48:52

Info Exa

Biometry

Aberr

OK

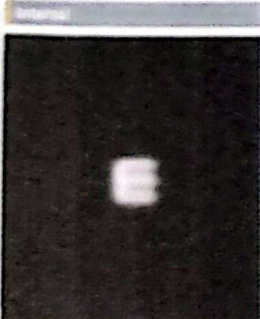
Fronto-tilt photo

View Character

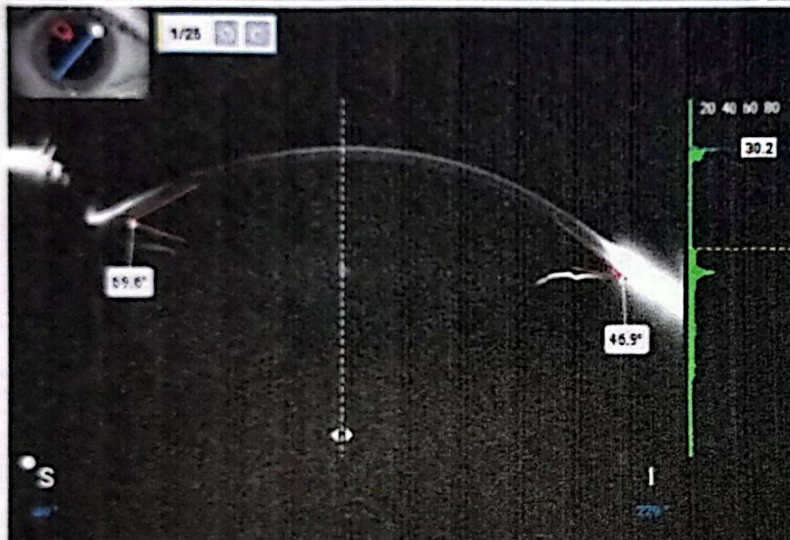
Pupils Day

RX Sph Corrected

Compare Front & Back



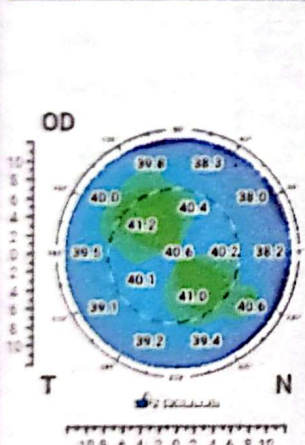
Scheimpflug Tomography



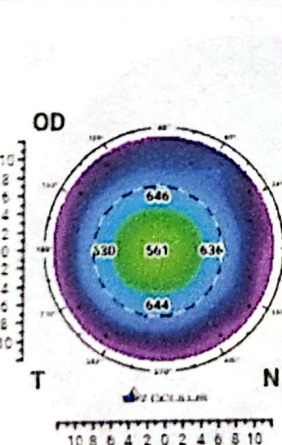
Retro Illumination



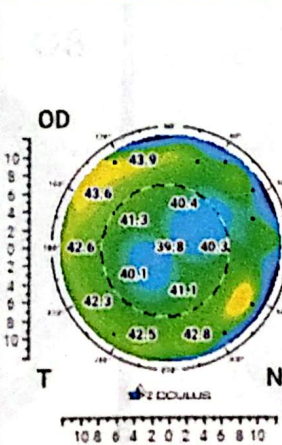
Curvature Sagittal (Frontal)



Espejor Corneal



Potencia Refractiva Total Corneal



Keratometry

| Pupils | d | SEQ | Esf | Cyl | Eje |
|---------|------|---------|---------|---------|-------|
| Default | 3.00 | -2.75 D | -1.81 D | -1.87 D | 33.7° |
| Night | 8.25 | -2.34 D | -1.46 D | -1.75 D | 40.8° |
| Day | 7.99 | -2.34 D | -1.46 D | -1.75 D | 40.8° |

Keratometry

| | | | | | |
|-------------------------------------|------------------|---------|--------|--------|-------|
| Sim K anterior (n=1.3375/15°) | | | | | |
| K1 | 39.8 D / 8.49 mm | 34.8° | | | |
| K2 | 41.4 D / 8.15 mm | 124.8° | | | |
| Kmean | 40.6 D | Astig | 1.7 D | | |
| TCRP 3 mm Zone/Pupil | | | | | |
| K1 | 39.2 D | 35.6° | | | |
| K2 | 40.7 D | 126.6° | | | |
| Kmean | 40.0 D | Astig | 1.5 D | | |
| Difference Sim K (15°) to TCRP 3 mm | | | | | |
| Δ Km | +0.6 D | Δ Astig | +0.2 D | Δ Axis | -1.8° |

Corneal Properties

| | | | |
|------------------|--------|---------------|--------|
| BAD D | -0.17 | Vertex Normal | 562 μm |
| B/F Radius Ratio | 82.6 % | Thinnest | 560 μm |
| COD (posterior) | | Δ Thickness | +2 μm |

Chords and Distances

| | | | |
|------------|----------------|----------------|---------|
| Chord p | 0.30 mm @ 214° | ACD (internal) | 3.19 mm |
| Chord a | | ACD (external) | 3.75 mm |
| ACA (180°) | 45.4° | HWTW | |
| AXL | | SNR (AXL) | |

Cornea Front & Back Aberrations (4 mm Zone)

| | | | |
|------|-----------------|----------------|----------------|
| HOA | 0.050 μm | Sph. A. (6 mm) | 0.205 μm |
| Coma | 0.014 μm @ 197° | Trefoil | 0.016 μm @ 43° |

Total Eye Aberrometry (4 mm Zone)

| | | | |
|------|-----------------|---------|----------------|
| HOA | 0.075 μm | Sph. A. | -0.010 μm |
| Coma | 0.027 μm @ 354° | Trefoil | 0.063 μm @ 98° |



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OCULUS - PENTACAM 4 mapas refractivos

1.3204

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Nombre: Laura Shyrly
ID: 1018493167
Fecha Nacimiento: 02/26/1997 Ojo: Iza
Fecha Examen: 06/26/2025 Hora: 13:47:14
Examen Info:

Córnea Anterior

Rf: 8.41 mm K1: 40.1 D
Rs: 8.23 mm K2: 41.0 D
Rm: 8.32 mm Km: 40.6 D
QS: OK Eje: (plano) 144.8° Astig: 0.9 D
Q: (8mm) -0.18 Rper: 8.46 mm Rmín: 8.18 mm

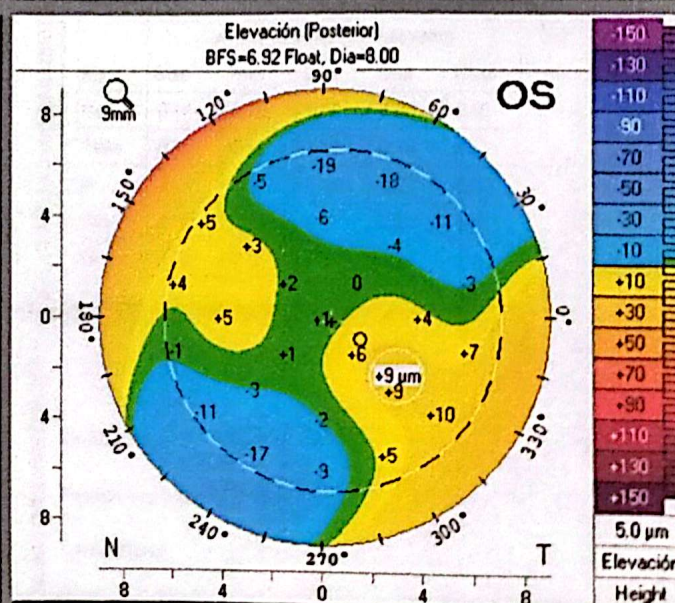
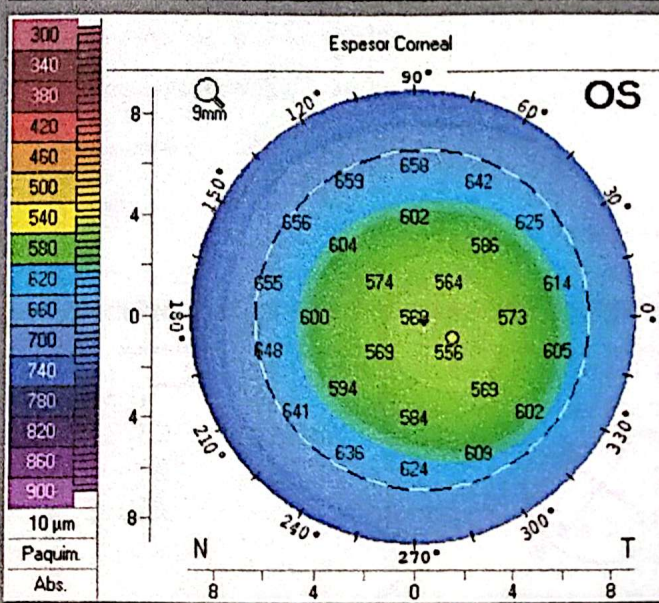
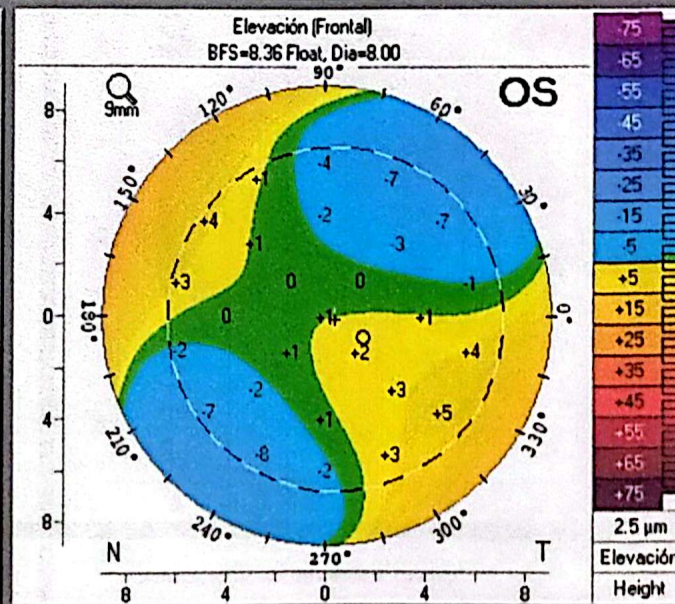
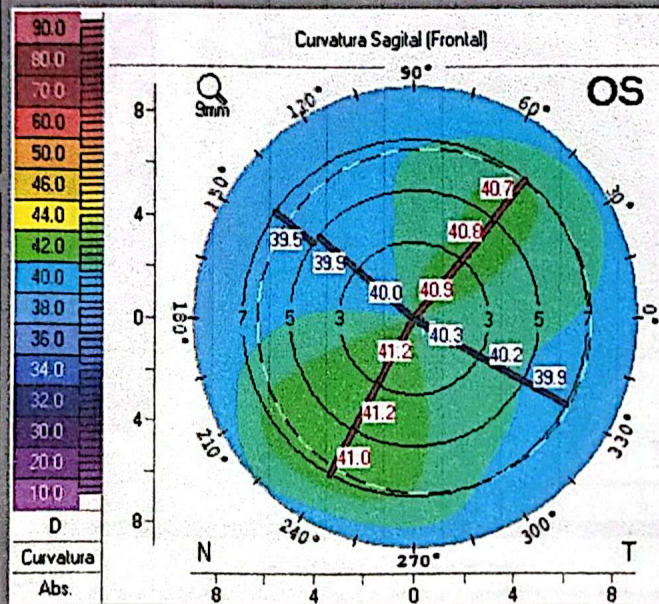
Córnea Posterior

Rf: 7.06 mm K1: -5.7 D
Rs: 6.76 mm K2: -5.9 D
Rm: 6.91 mm Km: -5.8 D
QS: OK Eje: (plano) 155.5° Astig: 0.3 D
Q: (8mm) -0.30 Rper: 7.15 mm Rmín: 6.66 mm

Paqui: x(mm) y(mm)
Centro pupila: + 558 µm +0.19 -0.06
Paqui Vértice N.: 560 µm 0.00 0.00
Posición más fina: O 555 µm +0.75 -0.41
K Máx. (Front): 41.2 D -1.22 -2.24

Volumen córnea: 59.1 mm³ Ø Córnea:
Volumen cámara: 205 mm³ Ángulo: 50.3°
Prof. cámara ant (Ext.): 3.68 mm Diám. Pupit: 6.74 mm
Dar IOP IOP(Sum): -0.4 mmHg Esp. crist.: 3.67 mm
Longitud Axial: SNR(Long.A)

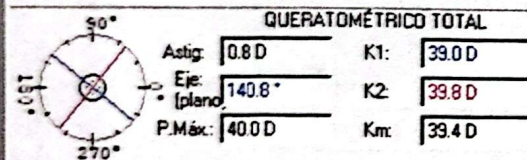
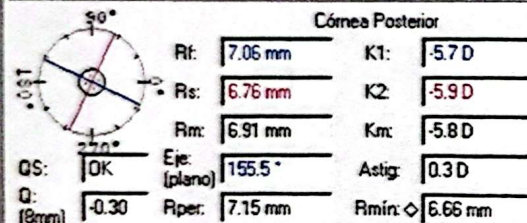
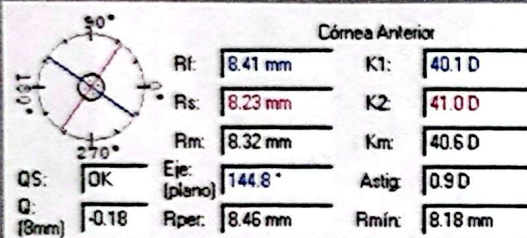
Refractivo



OCULUS - PENTACAM Topometric/KC-Staging

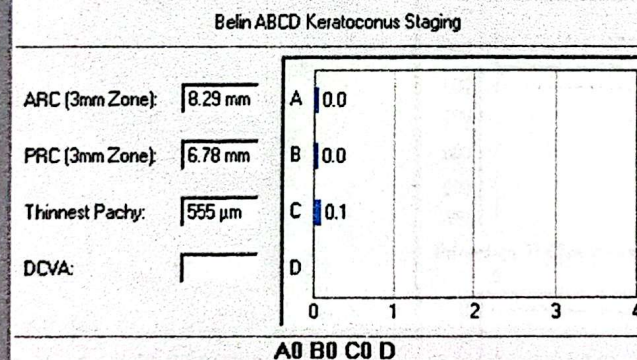
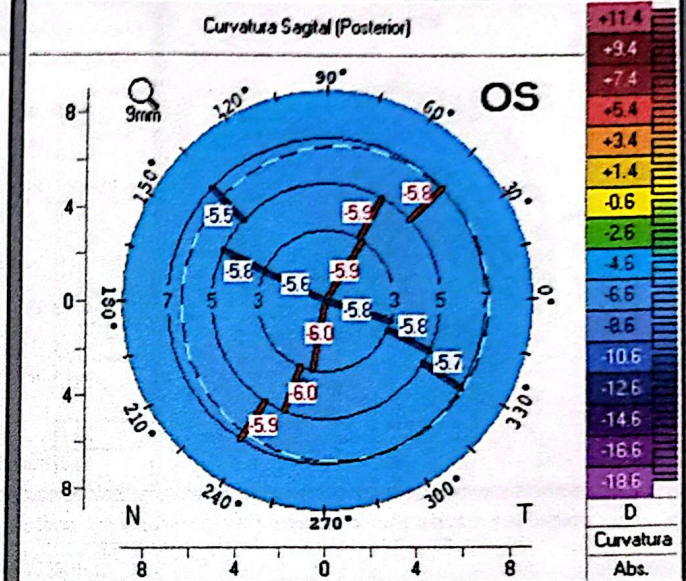
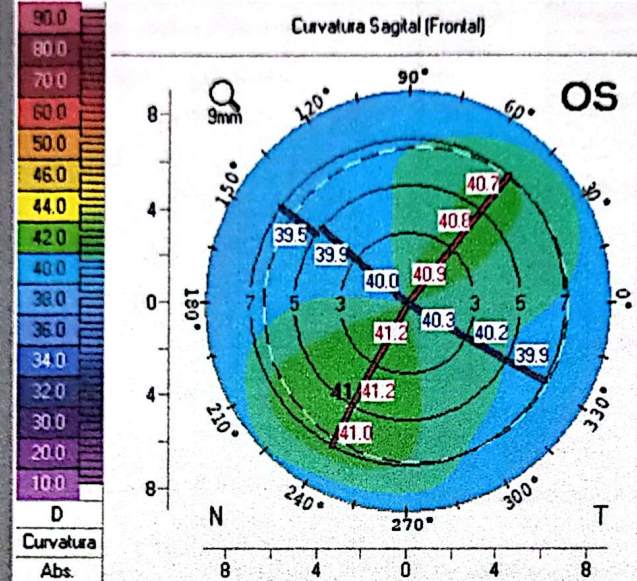
1.3204

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Paquí Vértice N.: 560 µm 0.00 0.00
Posición más fina: O 555 µm +0.75 -0.41
K Máx. (Front): 41.2 D -1.22 -2.24

Volumen córnea: 59.1 mm³ Ø Córnea:
Volumen cámara: 205 mm³ Ángulo: 50.3°
Prof. cámara ant (Ext): 3.68 mm Diám. Pupil: 6.74 mm
IOP(Sum): 0.4 mmHg Esp. crist.: 3.67 mm
Longitud Axial: SNR(Long.Ax)



Asfericidad (frontal) del meridiano principal

| | Anillos periféricos mm (diámetro) | | | | | Frontal |
|-------|-----------------------------------|-------|-------|-------|-------|-------------------|
| (Q) | 6mm | 7mm | 8mm | 9mm | 10mm | |
| Nas | -0.17 | -0.18 | -0.18 | -0.22 | -0.36 | Asfericidad |
| Temp | -0.15 | -0.16 | -0.17 | -0.19 | -0.22 | Curvatura sagital |
| Inf | -0.07 | -0.14 | -0.18 | -0.23 | -0.37 | Posterior: |
| Sup | -0.07 | -0.12 | -0.18 | -0.23 | -0.35 | Asfericidad |
| Media | -0.12 | -0.15 | -0.18 | -0.22 | -0.33 | Curvatura sagital |

Índices (en la zona de 8 mm)

| | |
|-------------|--------------|
| ISV: 11 | IHA: 3.7 |
| IVA: 0.07 | IHD: 0.005 |
| KI: 1.02 | RM(in): 8.18 |
| CKI: 1.00 | TKC: - |
| KISA: 4.433 | IS: 0.39 |

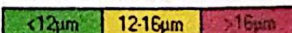
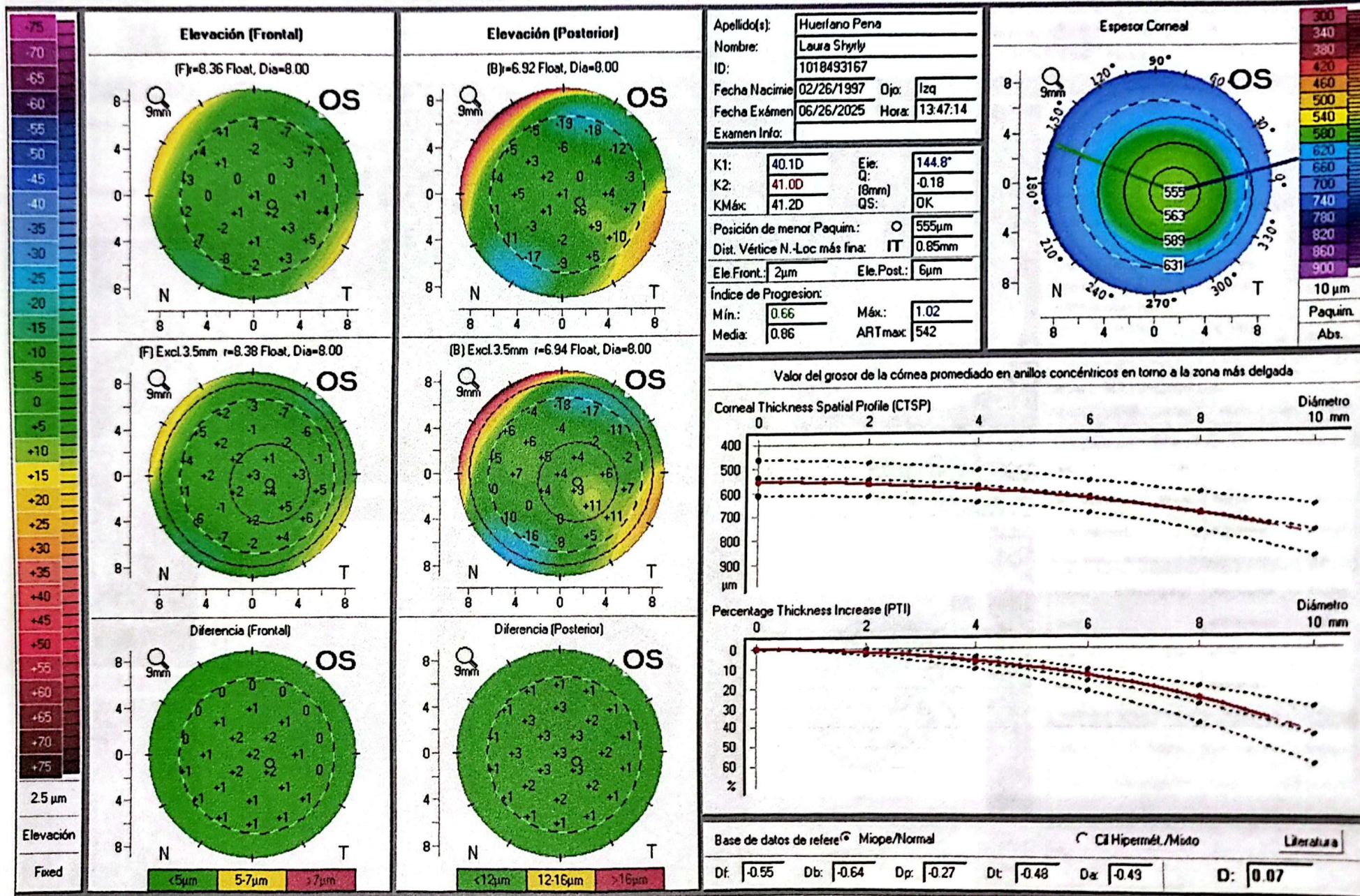
Asfericidad (Frontal) en 8mm

Puntos localizados en la zona de 8 mm (coordenadas polares)

Centro pupila: + 0.20mm (342.0°)
Posición más fina: O 0.85mm (331.4°)
K Máx. (Front): 2.55mm (241.4°)

OCULUS - PENTACAM Belin/Ambrósio Enhanced Ectasia Display

1.3204



OCULUS - PENTACAM Full Sequence Overview

1.32:04



Laura Shyrly Huerfano Pena
ID 1018493167

28 Years
Date Of Birth 02/26/1997

Fecha Examen 06/26/2023
Hora Examen 13:47:14

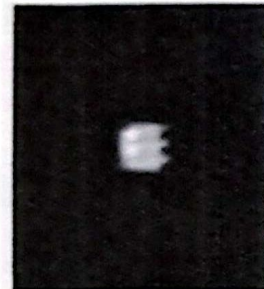
Estado d
Info Exa

Tomo: OK Retro: OK
Biometry: OK Abert: OK

Fronto de modo

View Character
Pupile Day
RX Sph Corrected

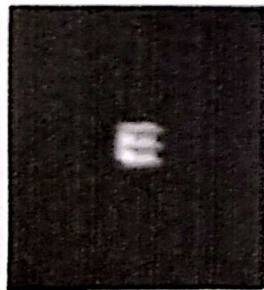
Cornea Front & Back



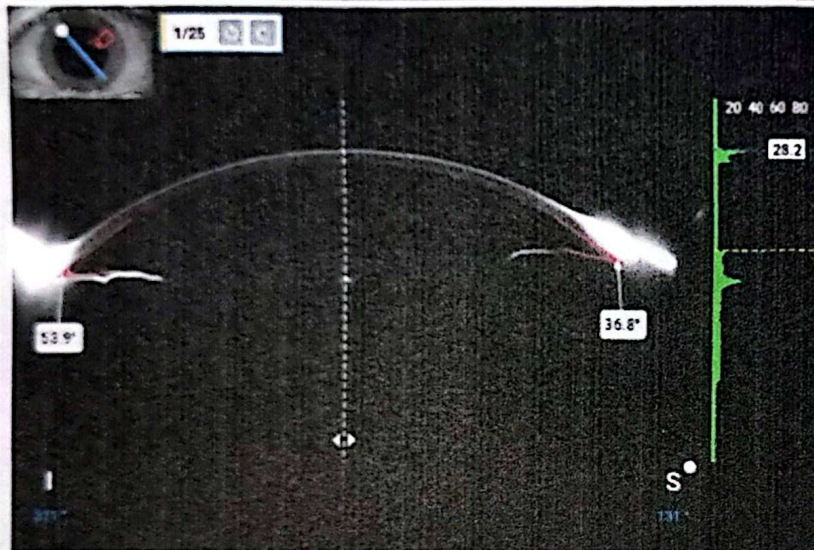
Normal



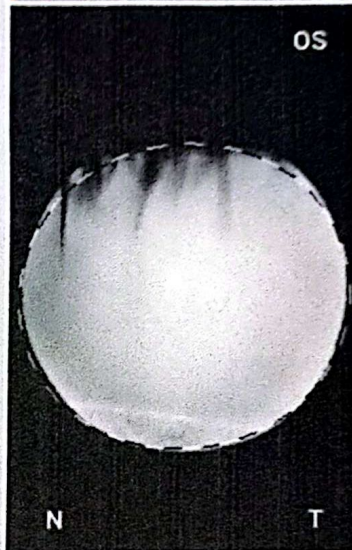
Total Eye



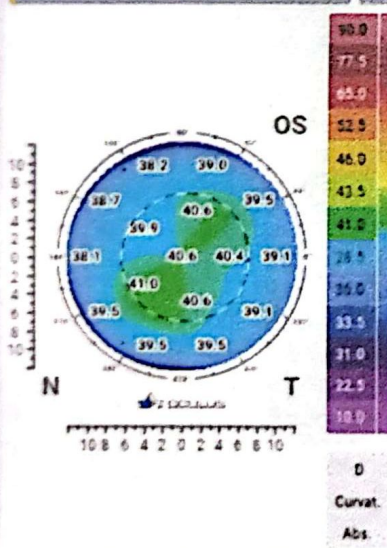
Schwindt Tomography



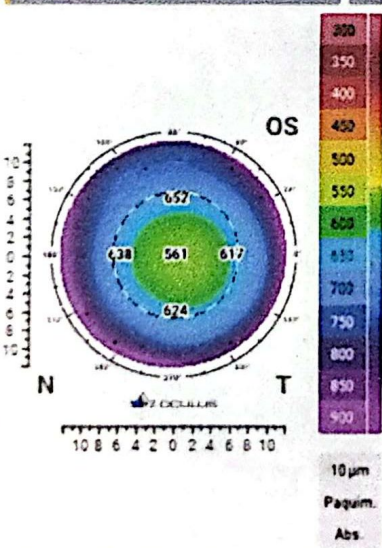
Retro Iluminación



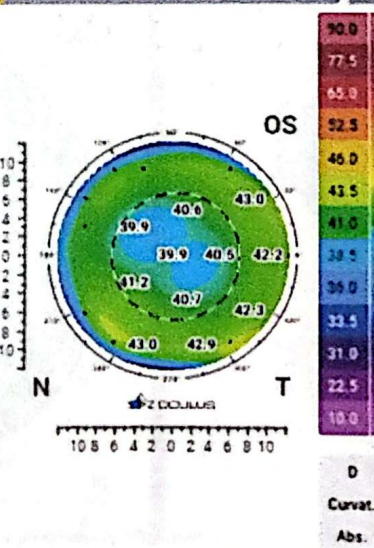
Curvature Sagital (Frontal)



Espejor Corneal



Potencia Refractive Total Corneal



Retroscopía

| Pupila | Ø | SEQ | Esf | Cyl | Eje |
|---------|------|---------|---------|---------|--------|
| Default | 3.00 | -2.36 D | -1.80 D | -1.11 D | 125.5° |
| Night | 7.94 | -1.99 D | -1.41 D | -1.17 D | 135.7° |
| Day | 7.50 | -1.99 D | -1.41 D | -1.17 D | 135.7° |

Keratometry

| Sim K anterior (n=1.3375/15°) | | | | |
|-------------------------------------|------------------|---------|--------|--------|
| K1 | 40.1 D / 8.41 mm | 144.8° | | |
| K2 | 41.0 D / 8.23 mm | 54.8° | | |
| Kmean | 40.6 D | Astig | 0.9 D | |
| TCRP 3 mm Zone/Pupil | | | | |
| K1 | 39.7 D | 141.4° | | |
| K2 | 40.3 D | 51.4° | | |
| Kmean | 40.0 D | Astig | 0.6 D | |
| Difference Sim K (15°) to TCRP 3 mm | | | | |
| Δ Km | +0.6 D | Δ Astig | +0.3 D | Δ Axis |
| | | | | +3.4° |

Corneal Properties

| BAD D | 0.07 | Vertex Normal | 560 μm |
|------------------|--------|---------------|--------|
| B/F Radius Ratio | 83.2 % | Thinnest | 555 μm |
| COD (posterior) | | Δ Thickness | +5 μm |

Chords and Distances

| | | | |
|------------|----------------|----------------|---------|
| Chord μ | 0.20 mm @ 342° | ACD (internal) | 3.12 mm |
| Chord α | | ACD (external) | 3.68 mm |
| ACA (180°) | 50.3° | HWTW | |
| AXL | | SNR (AXL) | |

Cornea Front & Back Aberrations (4 mm Zone)

| | | | |
|------|-----------------|----------------|----------------|
| HOA | 0.063 μm | Sph. A. (6 mm) | 0.198 μm |
| Coma | 0.045 μm @ 272° | Trefoil | 0.023 μm @ 78° |

Total Eye Aberometry (4 mm Zone)

| | | | |
|------|-----------------|---------|----------------|
| HOA | 0.155 μm | Sph. A. | -0.053 μm |
| Coma | 0.131 μm @ 155° | Trefoil | 0.025 μm @ 95° |