

-----1867-----

NAME

M/F

JAN/13/2025 06:51 PM

VD=12.00mm

<R>	S	C	A	
-	2.00	- 0.25	168	9
-	1.75	- 0.25	167	9
-	1.75	- 0.25	165	9
<-	1.75	- 0.25	167>	

	mm	D	deg
<R1	7.75	43.50	178>
<R2	7.69	44.00	88>
<AVE	7.72	43.75	>
<CYL		- 0.50	178>

<L>	S	C	A	
-	1.75	- 0.75	180	9
-	1.75	- 0.75	180	9
-	1.75	- 0.75	178	9
<-	1.75	- 0.75	180>	

	mm	D	deg
<R1	7.79	43.25	161>
<R2	7.69	44.00	71>
<AVE	7.74	43.50	>
<CYL		- 0.75	161>

PD 61

AMANAT\_EYE\_HOSPITAL



Founded by  
**Dr. Muhammad Asrar Khan**

www.amanathospital.com

info@amanathospital.com

PMDC # 51981-P

**Dr. Salik Shehbaz Butt**

MBBS, FCPS (Ophth)

Fellow Vitreo Retina

Consultant Ophthalmology

Patient Name: Ahmed Hussain

Date: 13-1-25

Age: 24 / F

PIC

wants ref surgery.

VA 6/6

R 6/6

E -1.50 DS/-

R -1.50 DS/-

BCVA -2.00 DS/- ——— 6/6

-1.75 / 0.50 x 180 ——— 6/6

D

lubricate

1x4

2-3/52 Repeated Scan  
↑



# OCULUS - PENTACAM 4 Maps Refractive

1.22.09

Last Name: HUSSAIN  
 First Name: AHMAD  
 ID:                       
 Date of Birth: 16-12-2000 Eye: Left  
 Exam Date: 13-01-2025 Time: 18:01:54  
 Exam Info:                     

**Cornea Front**

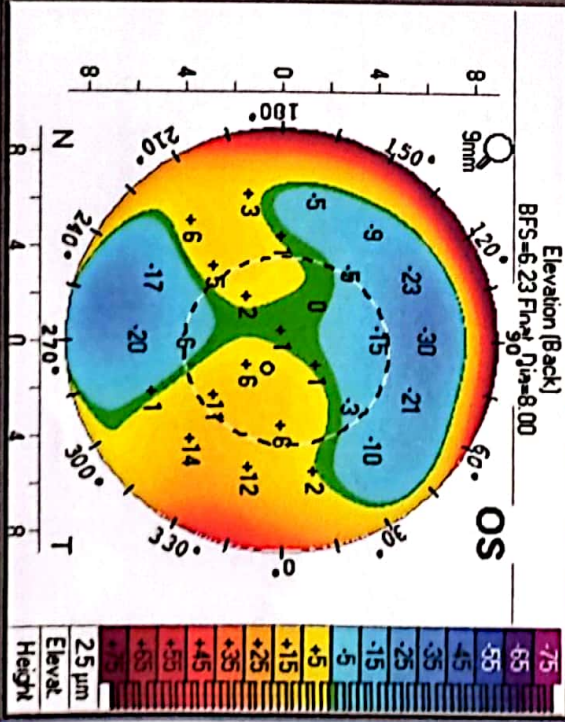
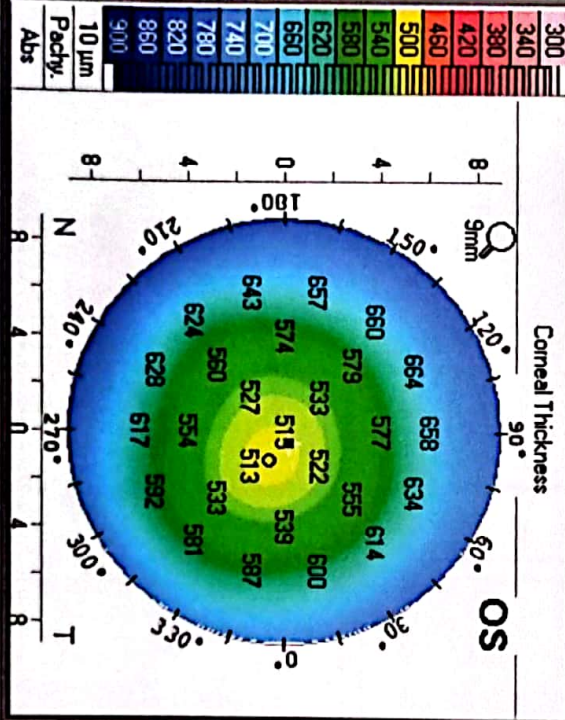
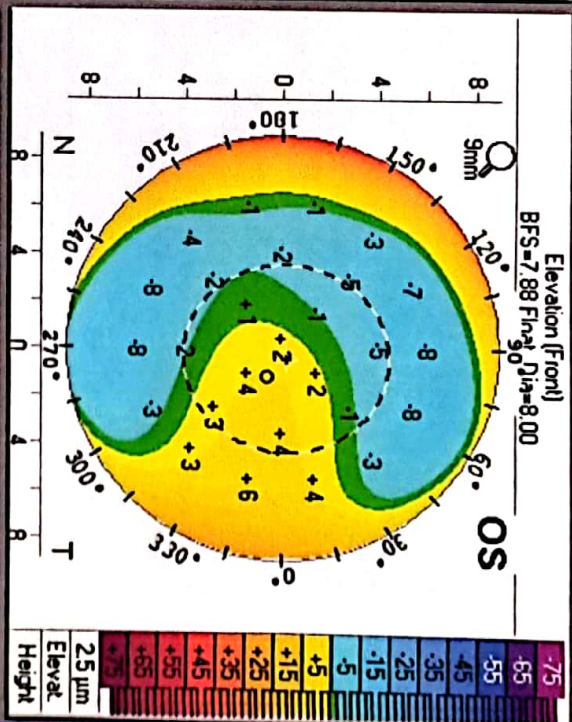
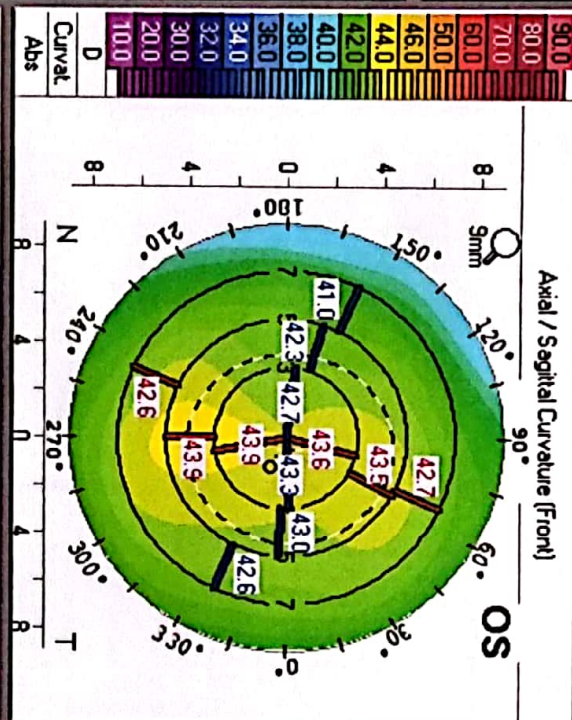
Rht: 7.85mm K1: 43.00  
 Rv: 7.72mm K2: 43.70  
 Rmt: 7.78mm Kmt: 43.40  
 Axis: 178.0° Astig: 0.70  
 (Rt.)  
 E: 0.31 Rper: 8.14mm Rmtr: 7.68mm  
 [207]

**Cornea Back**

Rht: 6.29mm K1: -6.40  
 Rv: 6.02mm K2: -6.60  
 Rmt: 6.16mm Kmt: -6.50  
 Axis: 173.9° Astig: 0.30  
 (Rt.)  
 E: -0.19 Rper: 6.60mm Rmtr: 5.93mm  
 [207]

Pachy:                      x[mm] y[mm]  
 Pupil Center: 514µm + +0.23 +0.08  
 Pachy Apex: 515µm 0.00 0.00  
 Thinnest Locat: 511µm +0.58 -0.32  
 K Max (Front): 43.90 +0.06 -1.75  
 Cornea Volume: 61.7mm³ HW/TW: 11.3mm  
 Chamf. Volume: 175mm³ Angle: 34.7°  
 ACD (Int.): 3.06mm Pupil D: 4.12mm  
 Enter IOP (Sum): +1.4 Lens I:                     

## Refractive



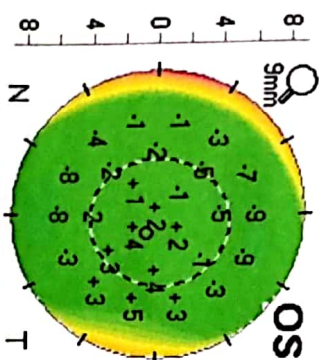


# OCULUS - PENTACAM Belin/Ambrósio Enhanced Ectasia Display

1.22/09

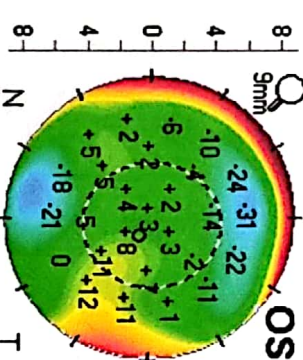
Elevation (Front)

[F] = 7.89 Float, Dia=8.00

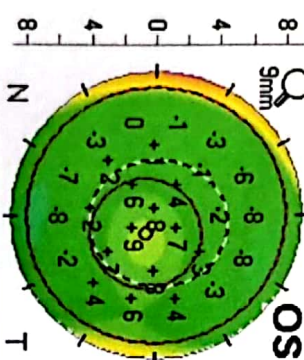


Elevation (Back)

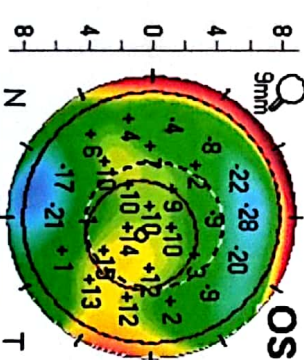
[B] = 6.26 Float, Dia=8.00



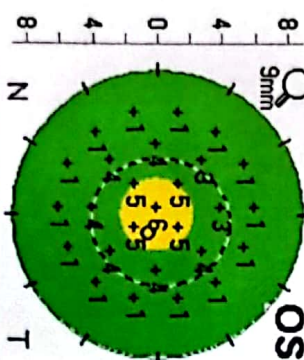
[F] Excl. 3.5mm r=7.95 Float, Dia=8.00



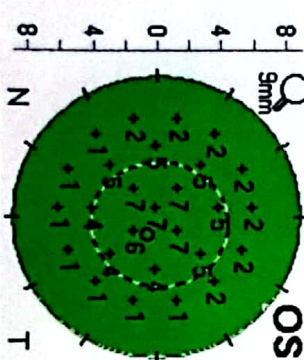
[B] Excl. 3.5mm r=6.30 Float, Dia=8.00



(Front) Difference



(Back) Difference



Last Name:

HUSSAIN

First Name:

AHMAD

ID:

16-12-2000

Date of Birth:

13-01-2025

Exam Date:

Time: 18:01:54

Exam Info:

K1:

43.00

K2:

43.70

KMax:

43.90

Pachy Thin, Local:

511um

Dist Apex Thin, Loc:

IT 0.67mm

F.Ele, Th:

4um

B.Ele, Th:

9um

Progression Index:

1.01

Min:

1.32

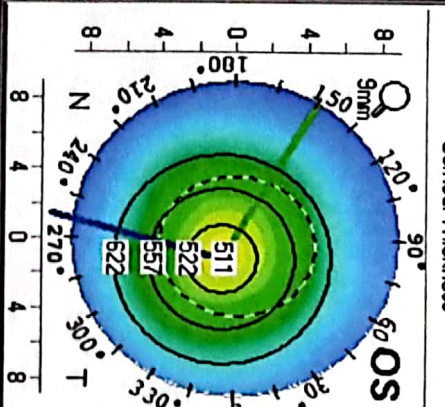
Avg:

Max 1.55

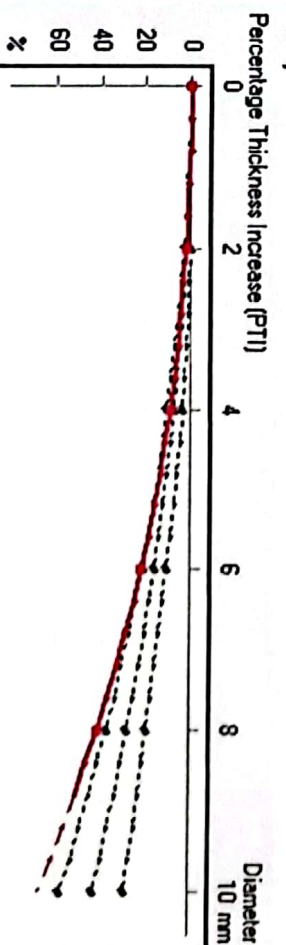
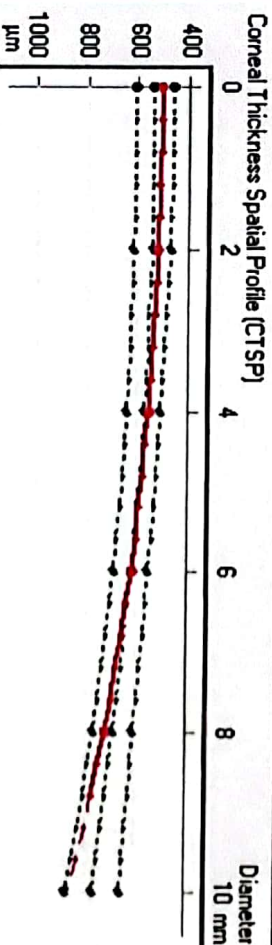
ARI Max:

330

Corneal Thickness



Mean corneal thickness values on rings concentrically to the thinnest location



Reference Database: ☒ Myopic/Normal

☐ Hyperopic/Mixed Cyl

Literature

Dt: 2.02

Db: 0.34

Dp: 2.80

Dt: 0.80

De: 1.44

D: 2.04



# OCULUS - PENTACAM 4 Maps Refractive

1.2209

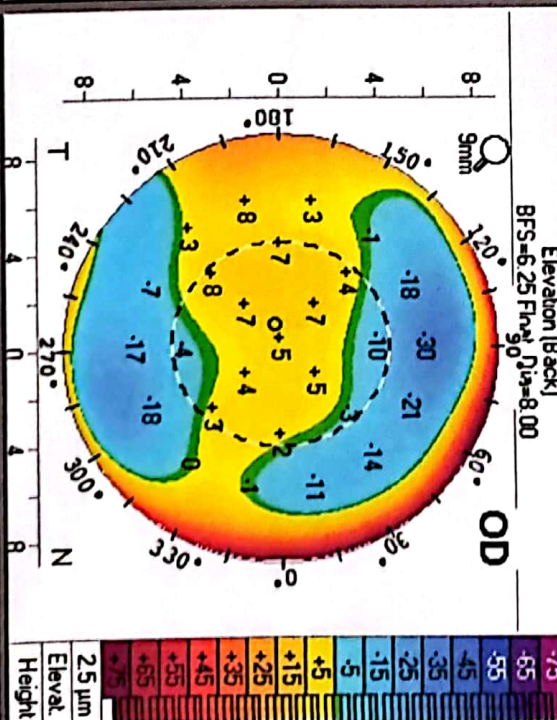
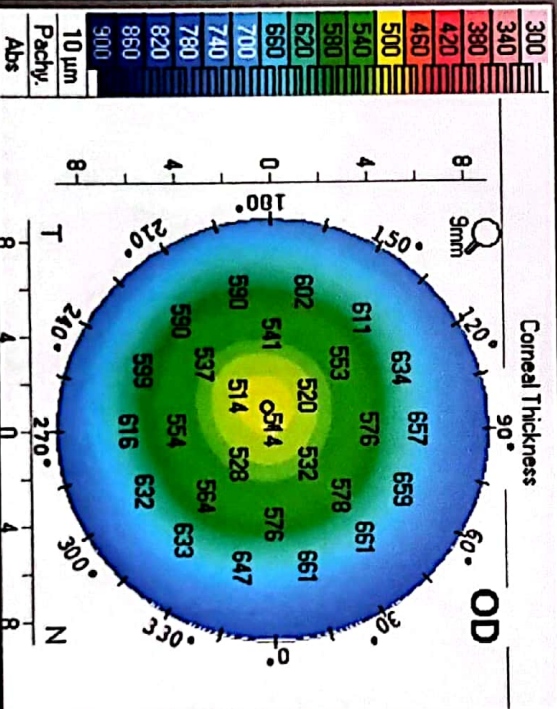
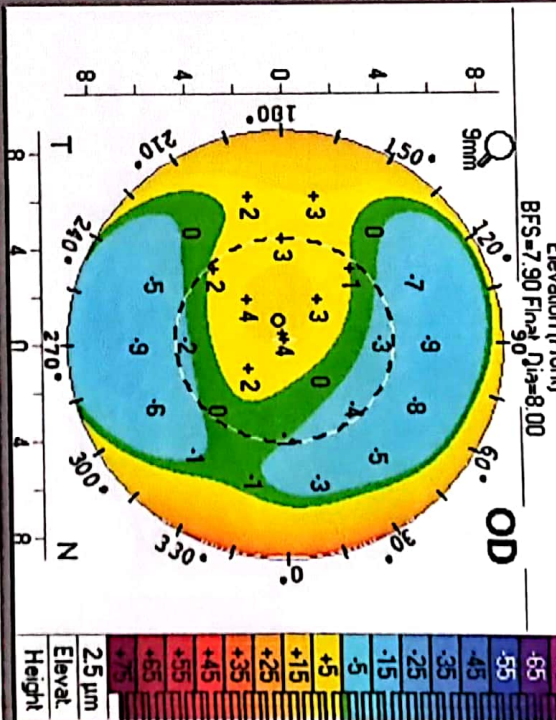
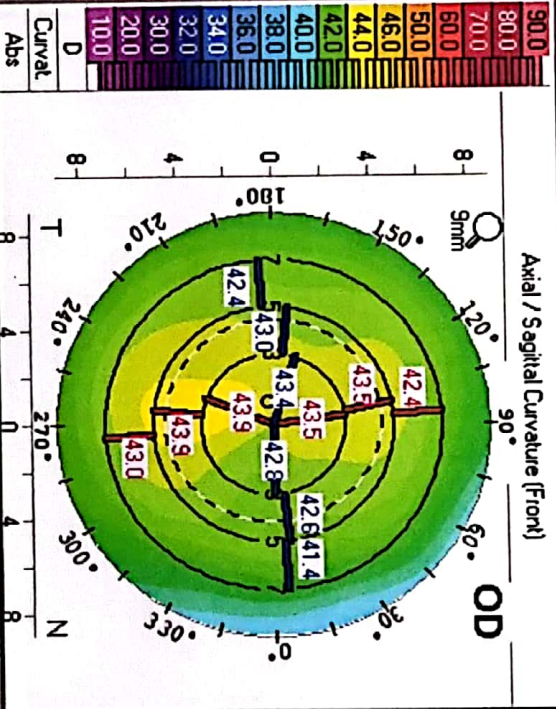
Last Name: HUSSAIN  
 First Name: AHMAD  
 ID:             
 Date of Birth: 16-12-2000 Eye: Right  
 Exam Date: 13-01-2025 Time: 18:04:17  
 Exam Info:           

**Cornea Front**  
 Rr: 7.84mm K1: 43.00  
 Rv: 7.73mm K2: 43.70  
 Rm: 7.78mm Km: 43.40  
 Axis: 165.3° Astig: 0.60  
 (fl.)  
 E: 20° Rper: 8.12mm Rmir: 7.68mm

**Cornea Back**  
 Rr: 6.22mm K1: -6.40  
 Rv: 6.02mm K2: -6.60  
 Rm: 6.12mm Km: -6.50  
 Axis: 179.8° Astig: 0.20  
 (fl.)  
 E: -0.14 Rper: 6.57mm Rmir: 5.87mm

**Pachy:** x(mm) y(mm)  
 Pupil Center: 513µm + -0.07 -0.01  
 Pachy Apex: 514µm 0.00 0.00  
 Thinnest Local: 511µm -0.48 -0.14  
 K Max. Front: 43.90 -0.21 -1.79  
 Cornea Volume: 62.1mm³ HW/TW: 11.2mm  
 Chamber Volume: 183mm³ Angle: 36.9°  
 ACD (Int.): 3.08mm Pupil D: 4.36mm  
 Enter IOP (Sum): +1.4 Lens T:           

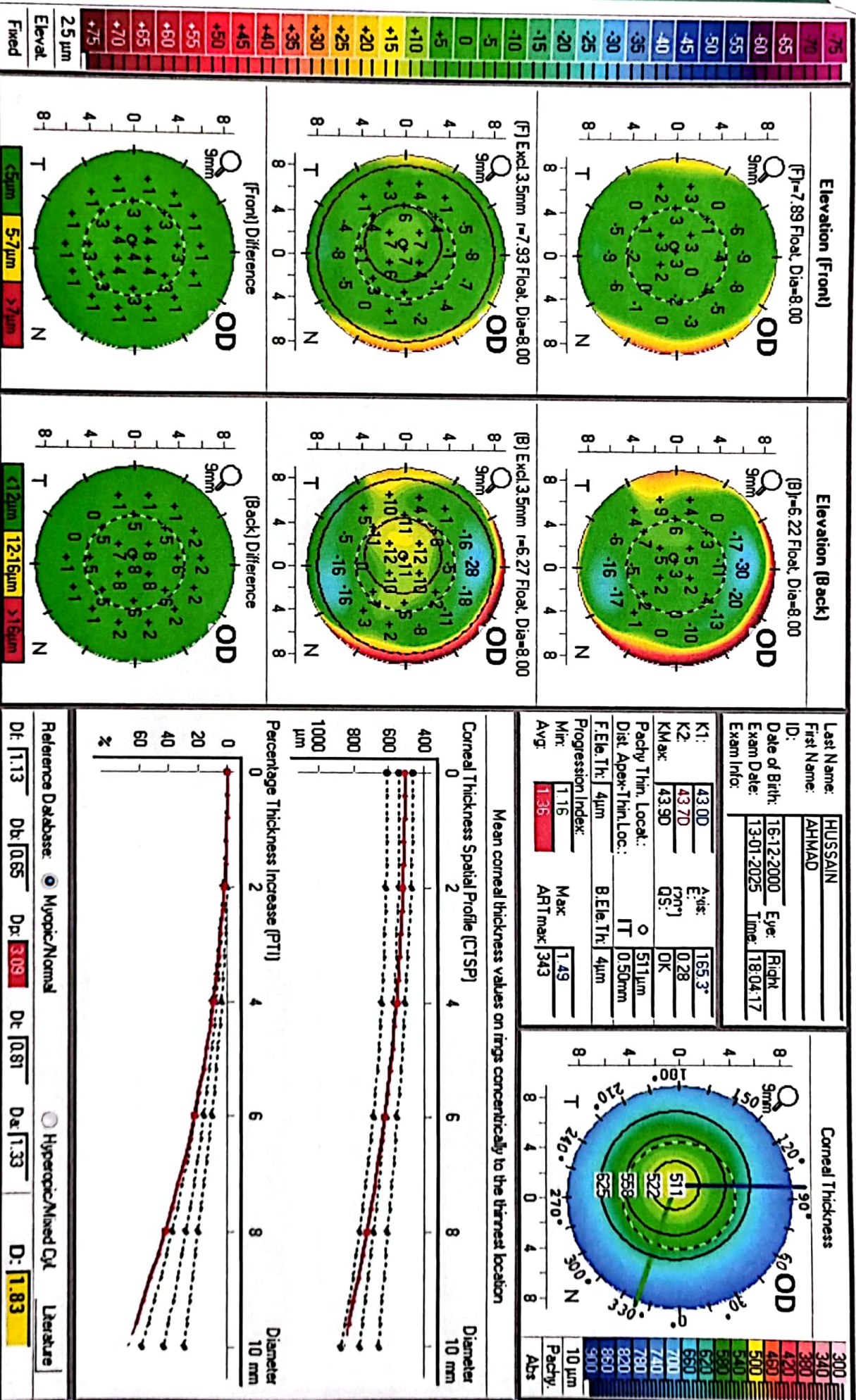
## Refractive





# OCULUS - PENTACAM Belin/Ambrósio Enhanced Ectasia Display

1.22.09





## 1.6/2015

ID:

**Date of birth:** 16.12.2000

**Age:** 24

Time: 18:21:08

**Eye:** Right (OD)

**Exam. Date: 13.01.2025**

Time: 18:04:17

**Eye:** Right (OD)

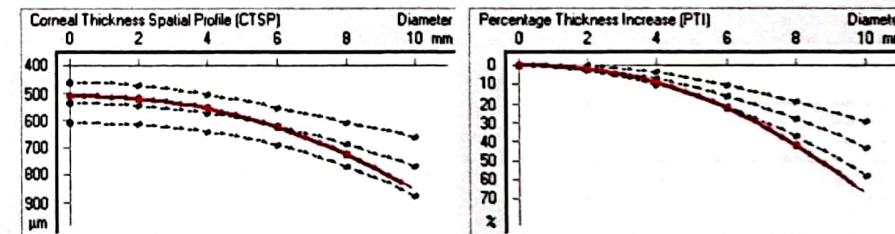
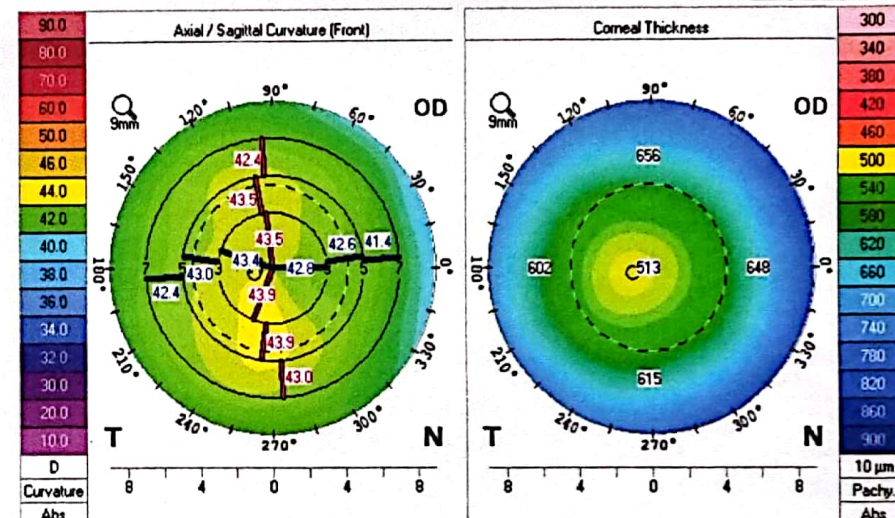
**Info:**

**QS:** OK

**Info:**

**QS: OK**

### Pentacam - Tomographic Assessment



K Max.:	43.9 D	IS Value:	0.3 D	PRFI:	0.28	TKE:	
---------	--------	-----------	-------	-------	------	------	--

**BAD D**  1.83  
● myopic ● hyperopic

0.50 0.75 1.00 0.31

35582 Wetzlar

Tel: (0641) 20 05-0  
Fax: (0641) 20 05-255

[www.oculus.de](http://www.oculus.de)





## 1.6/2015

Age: 24

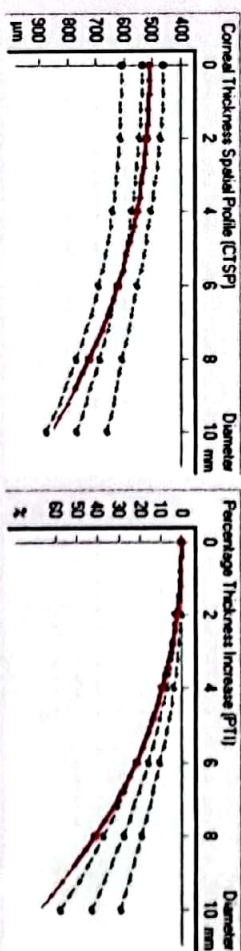
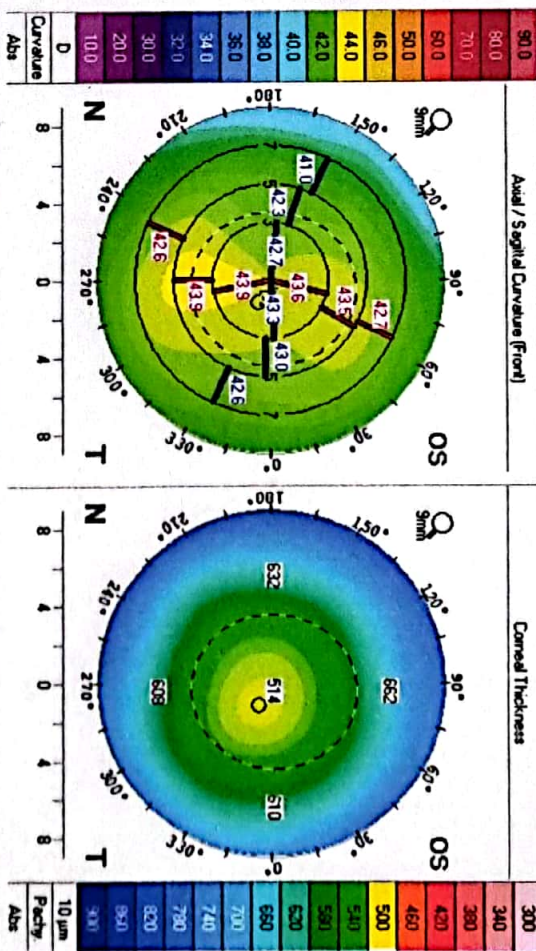
**Eye: Left (OS)**

**DS:**

### Pentacam - Tomographic Assessment

**Axial / Sagittal Curvature (Front)**

**Corneal Thickness**



K-Mean:	IS Value:	PRF:	TRE:
4390	050	040	TRE

**BADD**

● myopic ○ hyperopic

Category	Value
Green	16
Yellow	3
Red	2.04

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