



# OCULUS - PENTACAM 4 Maps Refractive

1.3004

Last Name: M  
 First Name: KARTHIKEYAN  
 ID: 157751  
 Date of Birth: 08/12/1994 Eye: Right  
 Exam Date: 26/03/2025 Time: 11:37:42  
 Exam Info:

**Cornea Front**  
 RI: 8.14 mm K1: 41.5 D  
 R<sub>s</sub>: 7.91 mm K2: 42.7 D  
 R<sub>m</sub>: 8.03 mm K<sub>m</sub>: 42.1 D  
 Q<sub>S</sub>: OK Axis: 5.1° Astig: 1.2 D  
 (file)  
 Q-val: -0.45 R<sub>per</sub>: 8.36 mm R<sub>int</sub>: 7.62 mm  
 (Bmm)

**Cornea Back**  
 RI: 6.63 mm K1: -6.0 D  
 R<sub>s</sub>: 6.04 mm K2: -6.6 D  
 R<sub>m</sub>: 6.34 mm K<sub>m</sub>: -6.3 D  
 Q<sub>S</sub>: OK Axis: 4.5° Astig: 0.6 D  
 (file)  
 Q-val: -0.54 R<sub>per</sub>: 6.86 mm R<sub>int</sub>: 5.69 mm  
 (Bmm)

Pachy: 520 µm yf(mm) +0.19 yf(mm) +0.23  
 Pupil Center: 516 µm [0.00] [0.00]  
 Pachy Vertex N.: 512 µm [0.14] [-0.42]  
 Thinnest Local: 44.3 D [+0.35] [-1.69]  
 K Max (Front):  
 Cornea Volume: 58.5 mm³ HW/TW: 12.3 mm  
 Chamber Volume: 240 mm³ Angle: 36.0°  
 A. C. Depth (Int.): 3.61 mm Pupil Dia: 3.32 mm  
 Enter IOP [IOP(Sum)] +1.4 mmHg Lens Th:

## Refractive





