



Refractive surgery disasters

ESC meeting Cairo 2012

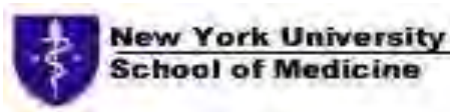
A. John Kanellopoulos, MD ^{1,3}

1: Laservision.gr Institute, Athens, Greece

2: Director, Mediterranean Eye Clinic

3: Clinical Professor, NYU Medical School, New York, NY, Director, Laservision.gr

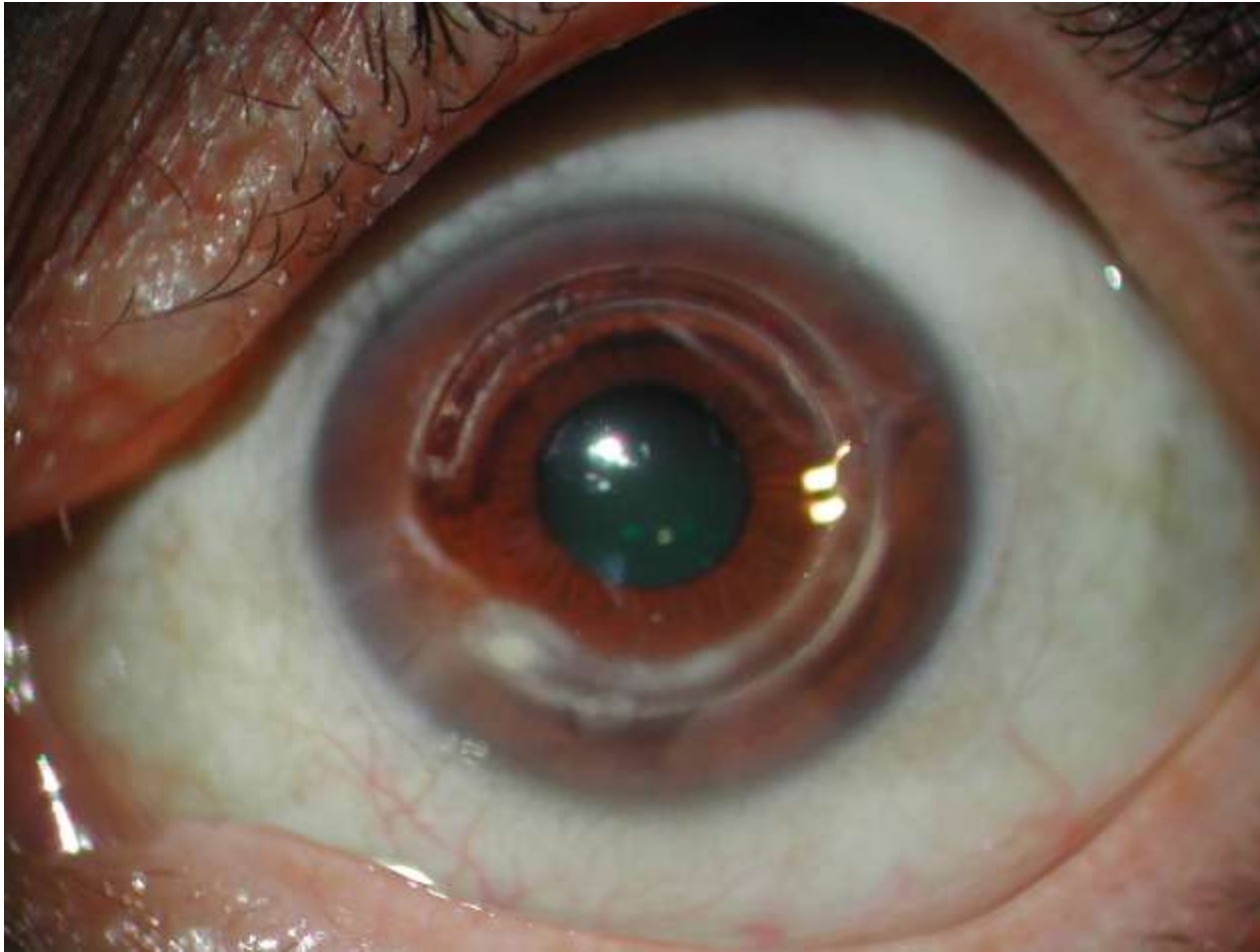
Financial Interests: Alcon/Wavelight (AJK) Artemis HFU (IMA)



Kanellopoulos, MD
www.brilliantvision.com



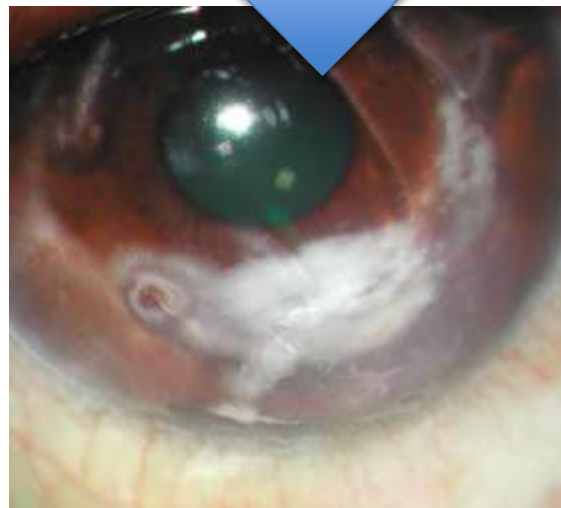
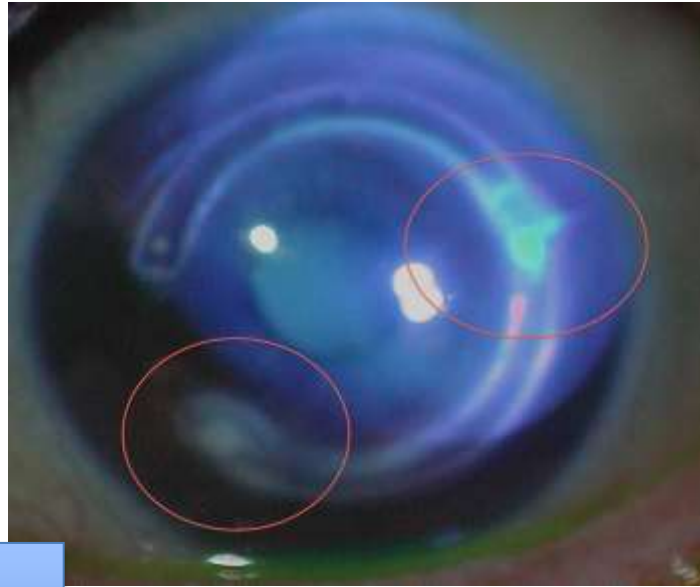
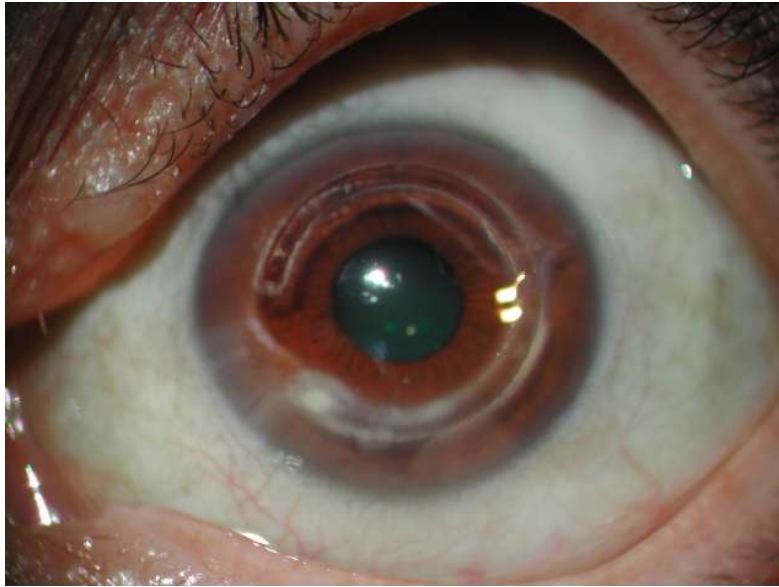
6m INTACS for KCN



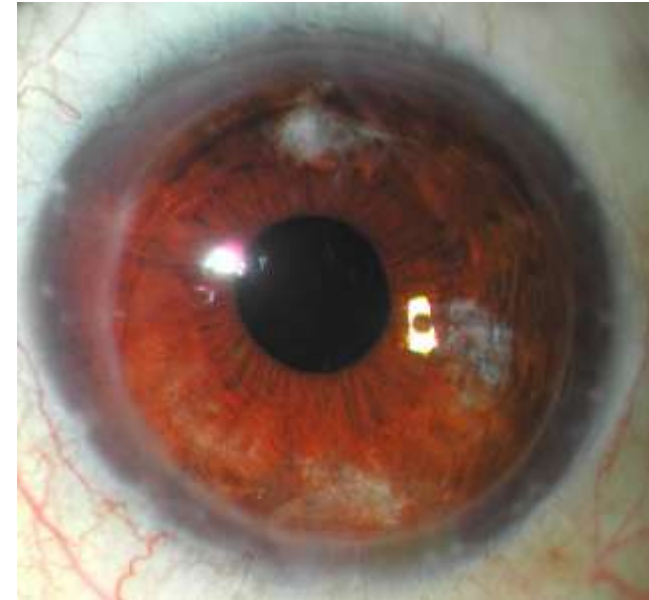
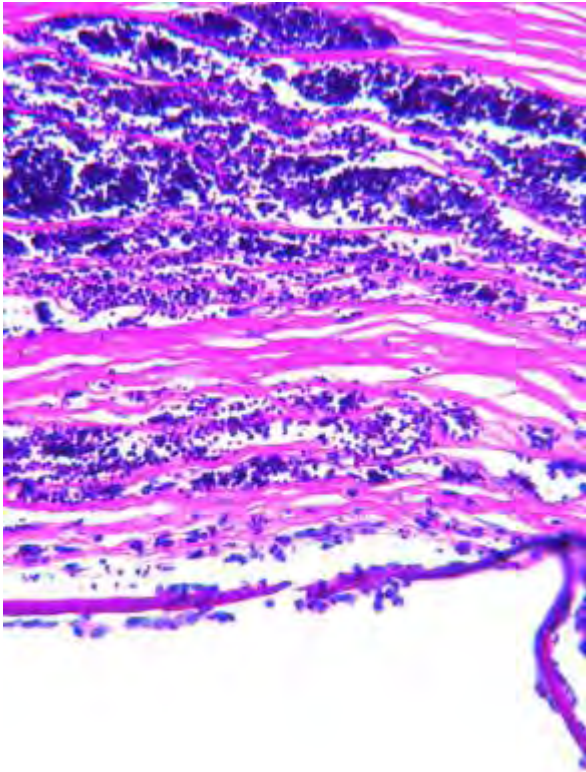
- 1-wait**
- 2-remove**
- 3-refer**



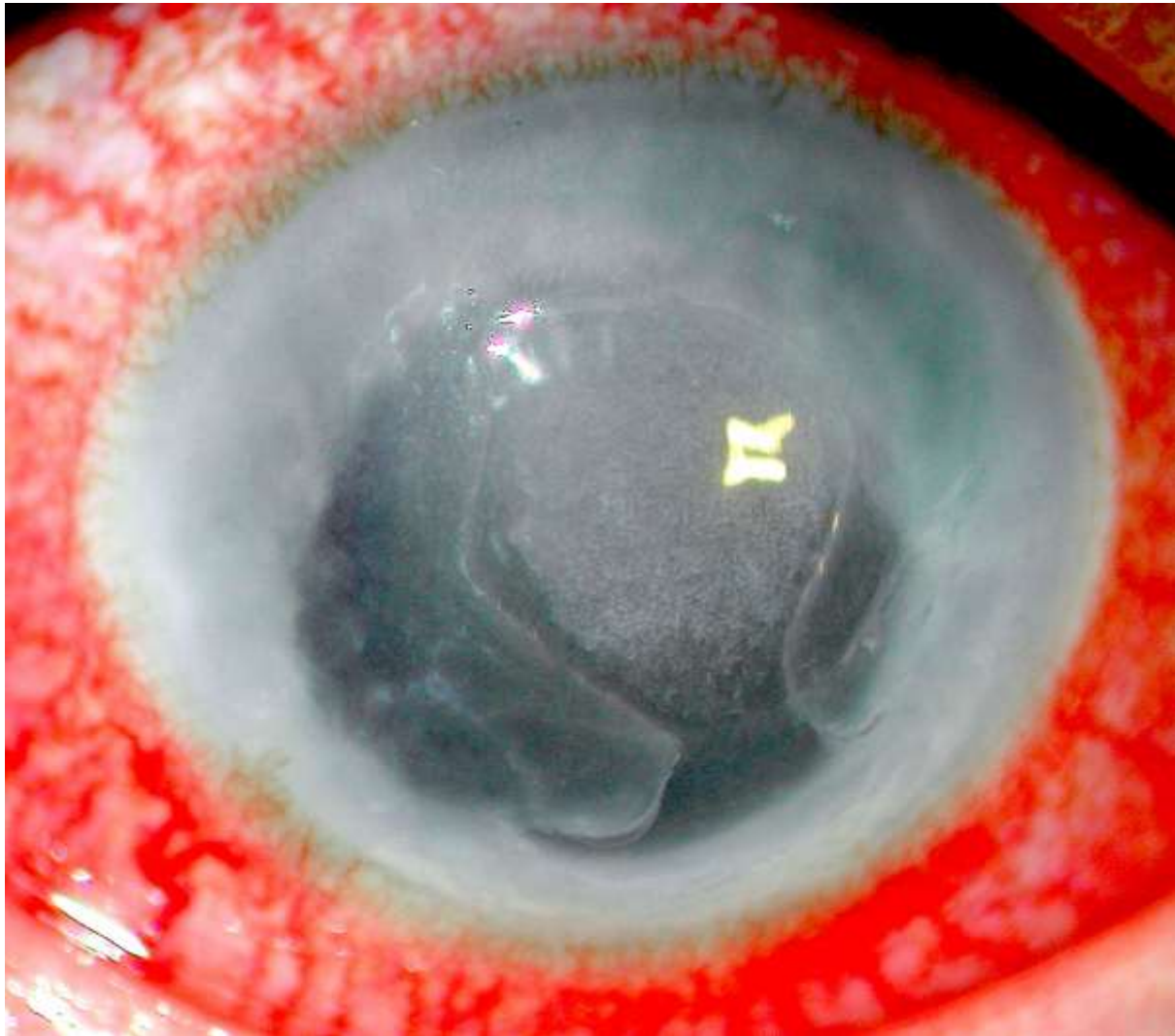
INTACS for keratoconus



9mm therapeutic PK...
initially read as B. Tuberculous!
3 months later Candida Parapsilosis



PRK for - 4.5D 28y/o teacher



- 1-wait**
- 2-remove**
- 3-refer**



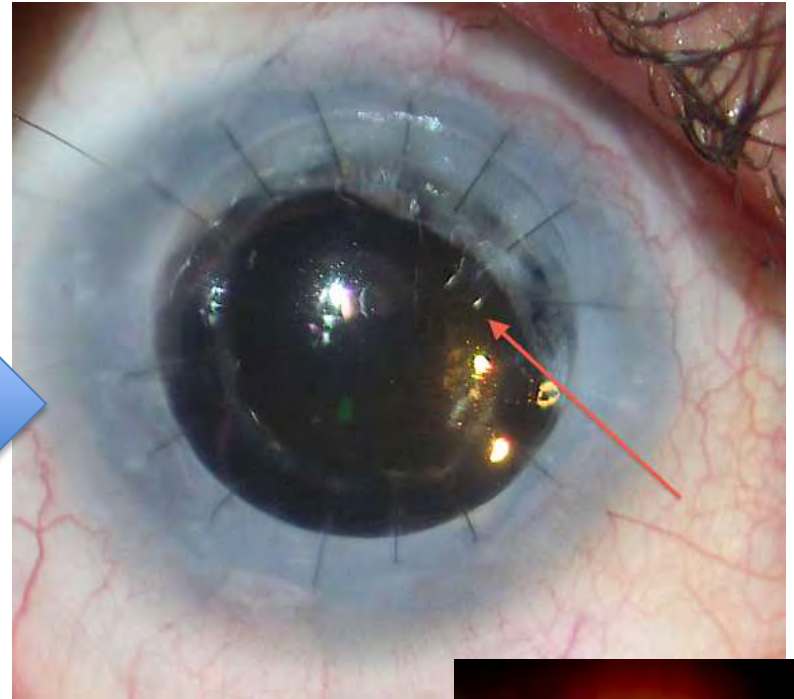
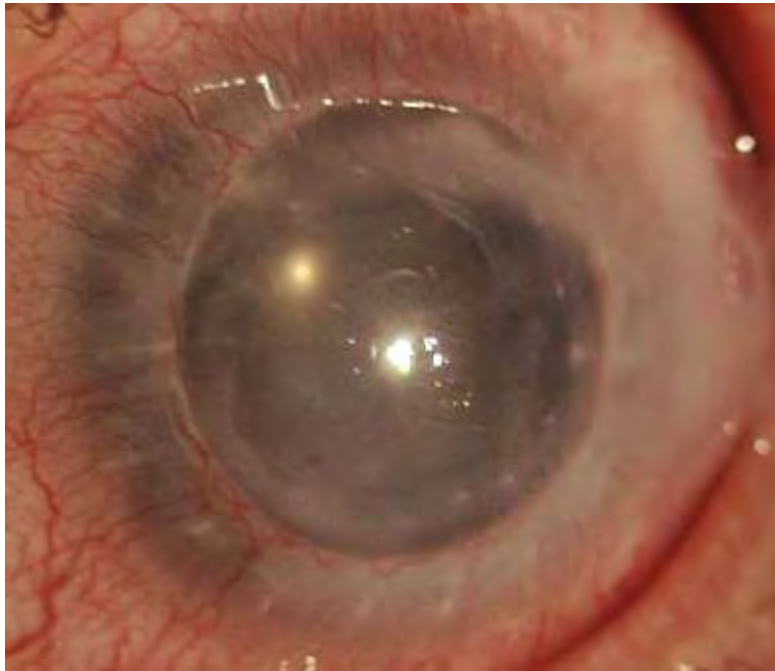


After d/c all meds and treat with p.o.Minocycline and autologous serum

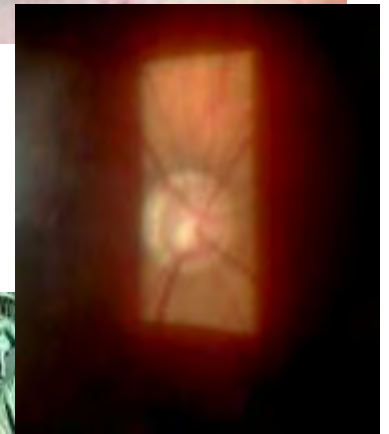
1st PK and subsequent Ahmed failed...



OD: LP, OS 20/30sc, IOP 12mmHg



OS: first graft, then Ahmed, PK failed,
2nd PK treated 2 years on Myfortic p.o. still OK



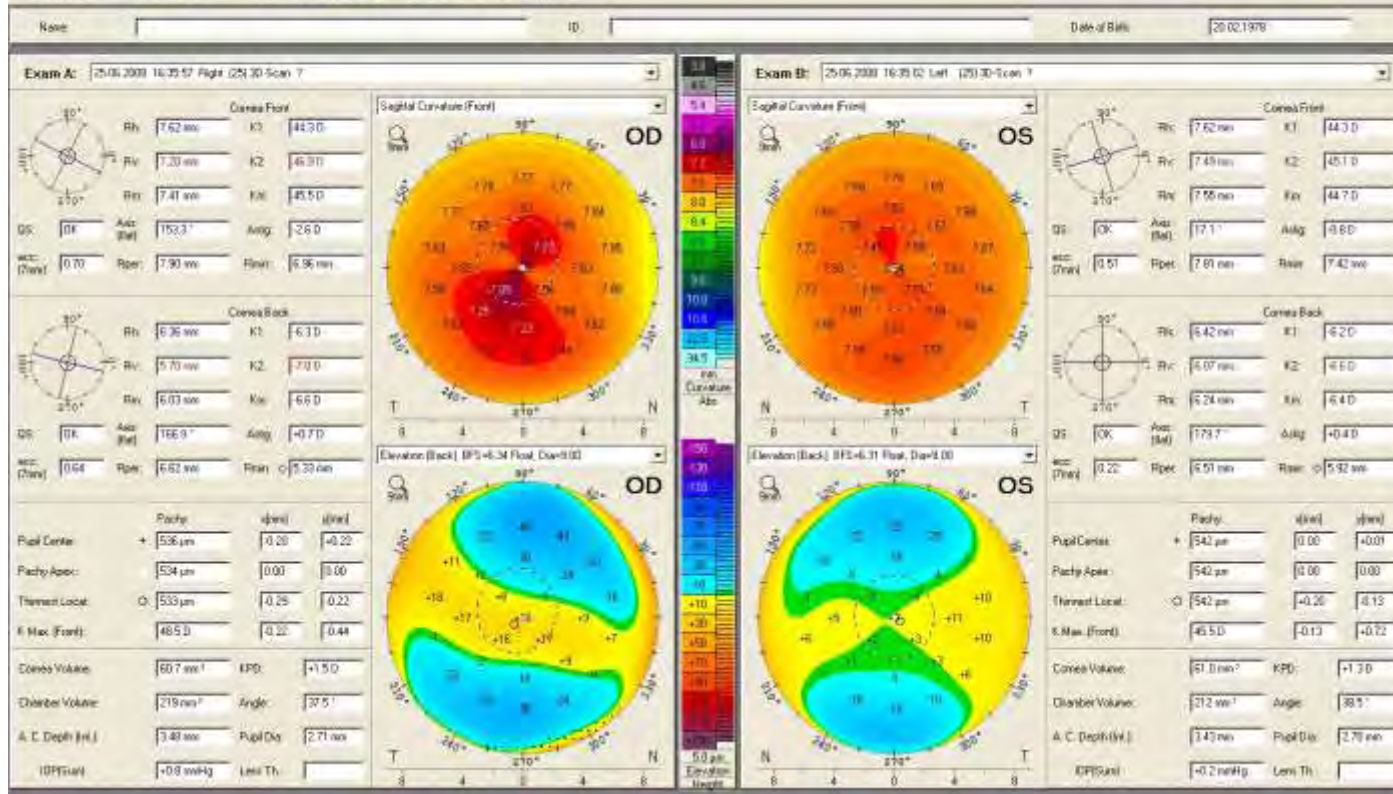
femtoLASIK 2007 (27y/oF)

OD -4 -1.50 @165 OS -3.75 -0.50 @10

LaserVision.gr

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WAVELIGHT - ALLEGRO OCULYZER

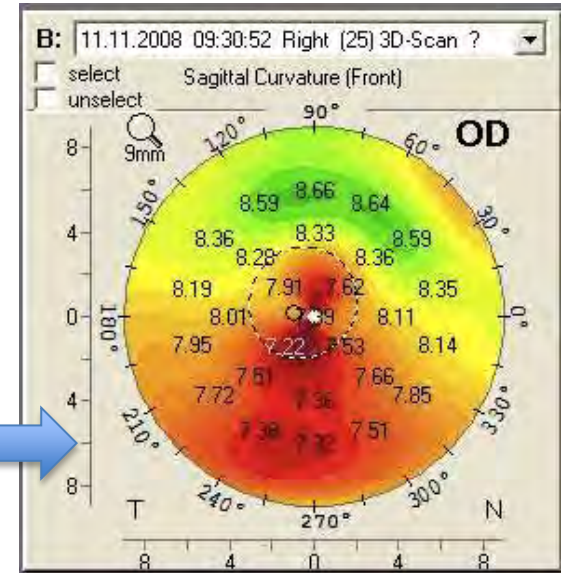
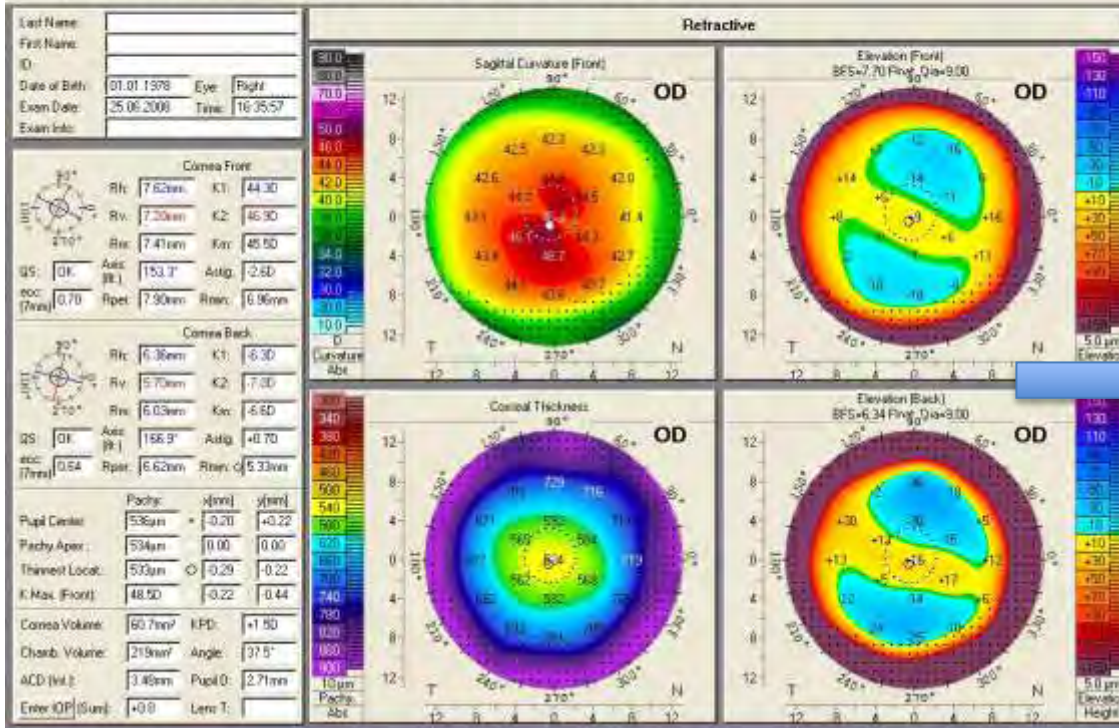


Normal? Ectasia in 1 year

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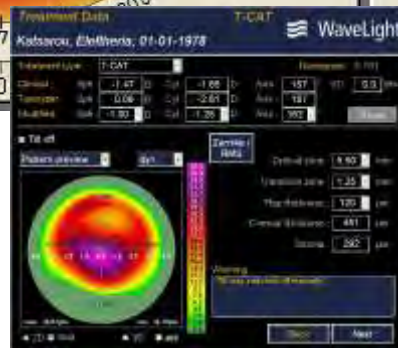
WAVELIGHT - ALLEGRO OCULYZER



- 1-wait
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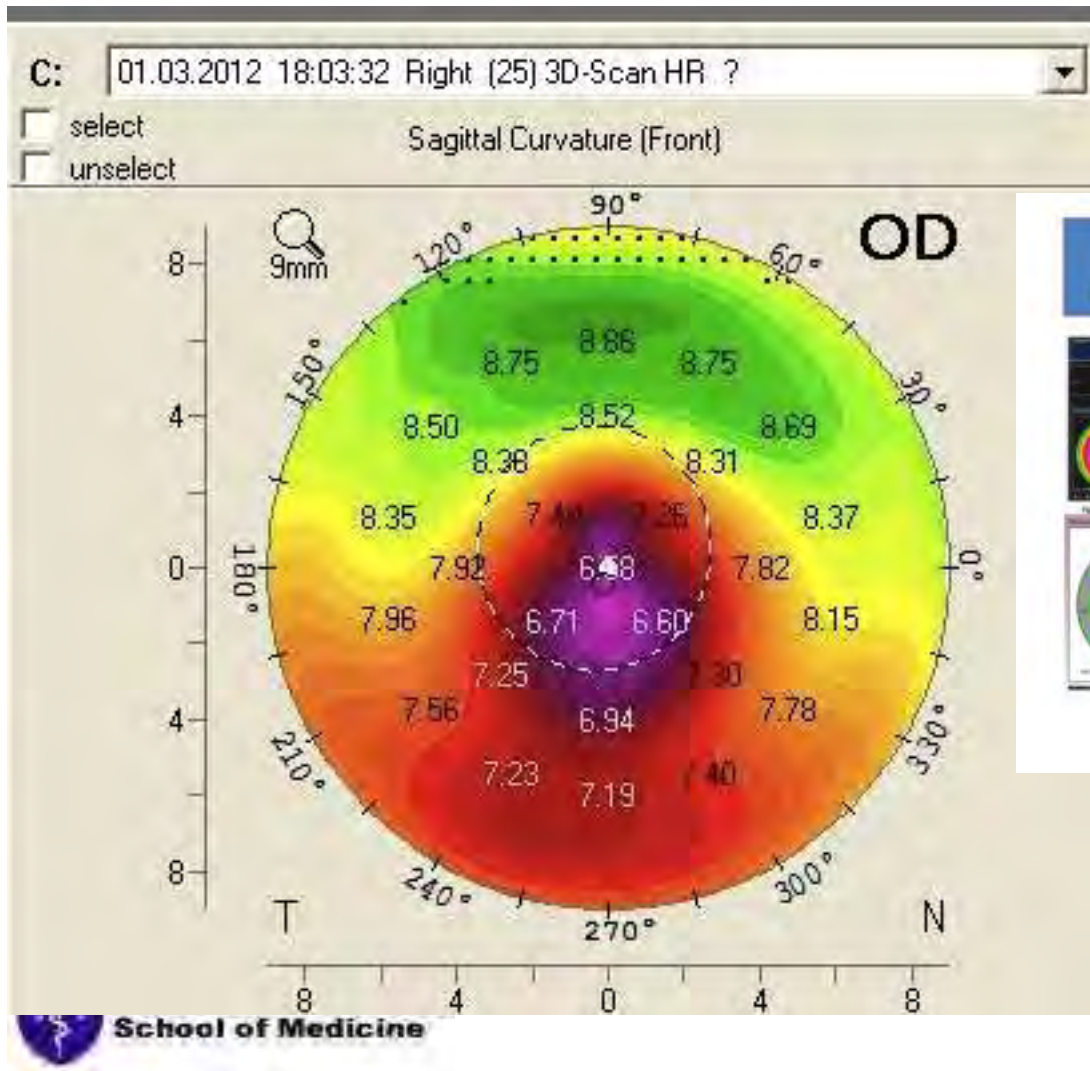


Improvement with partial topo-guided enhancement and in-the-flap CXL



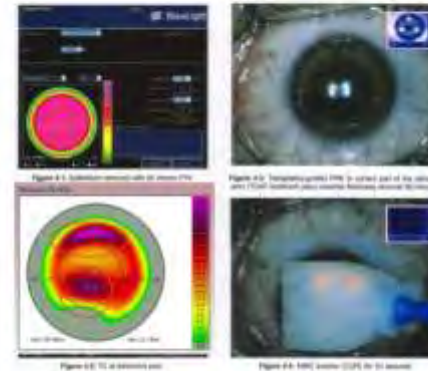
2 years later...

UCVA 20/70, -1.5 -2.5 @ 175 20/40



The Athens Protocol:

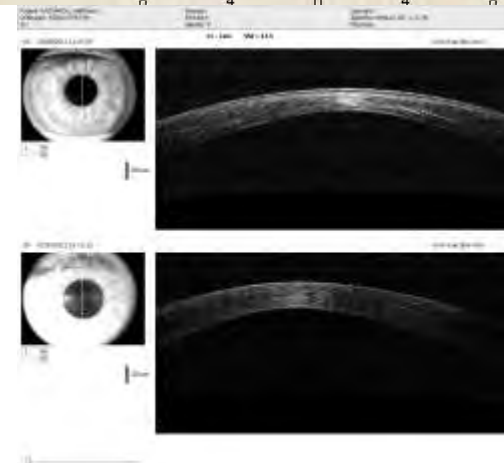
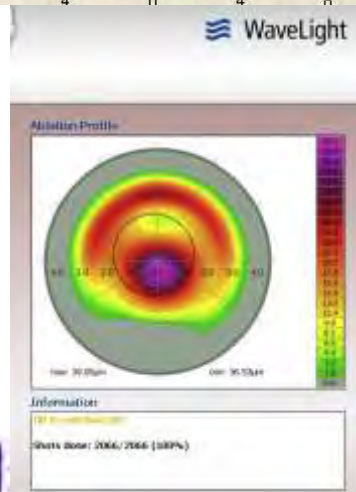
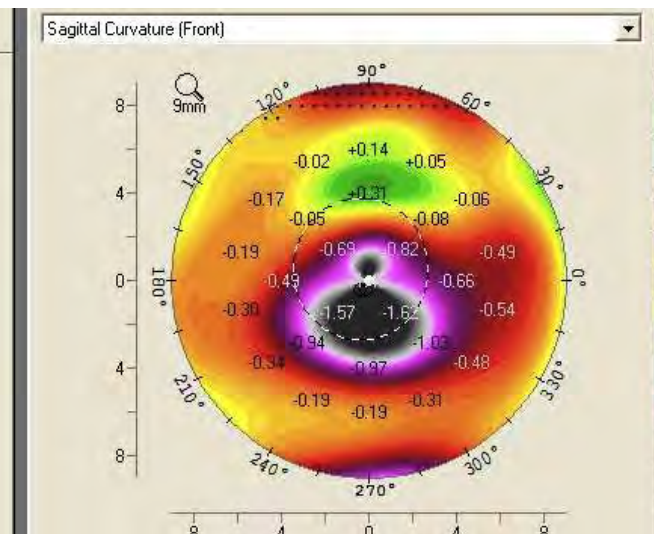
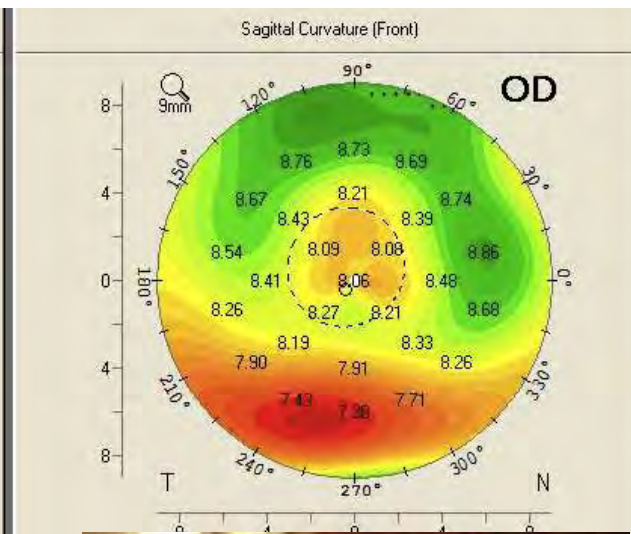
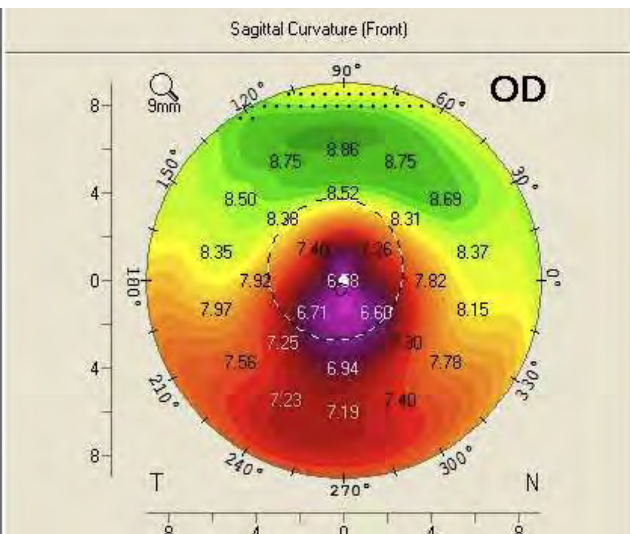
PTK > topoPRK > MMC > CXL (10mW/cm² x 15 min)



340mOsm 0.1% ribo sodium phosphate
10mW/cm² for 10 min



Employed the Athens Protocol (topo-guided partial transepithelial PRK with the Wavelight laser + CXL) 6 months ago, now UCVA 20/30, +0.5 -1.00 @ 180 = 20/20-



SCHOOL OF MEDICINE





Thank you

