

Use of a foldable artificial cornea for Tx of blindness due to severe ocular surface disease

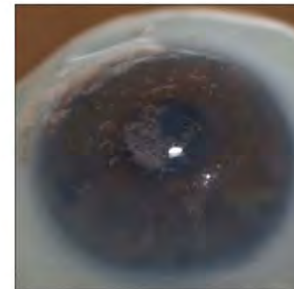
A. John Kanellopoulos, MD

Laservision.gr Institute, Athens, Greece

Professor of Ophthalmology, NYU Med School,
NY

No financial Interests

KeraKlear: Has European CE Mark



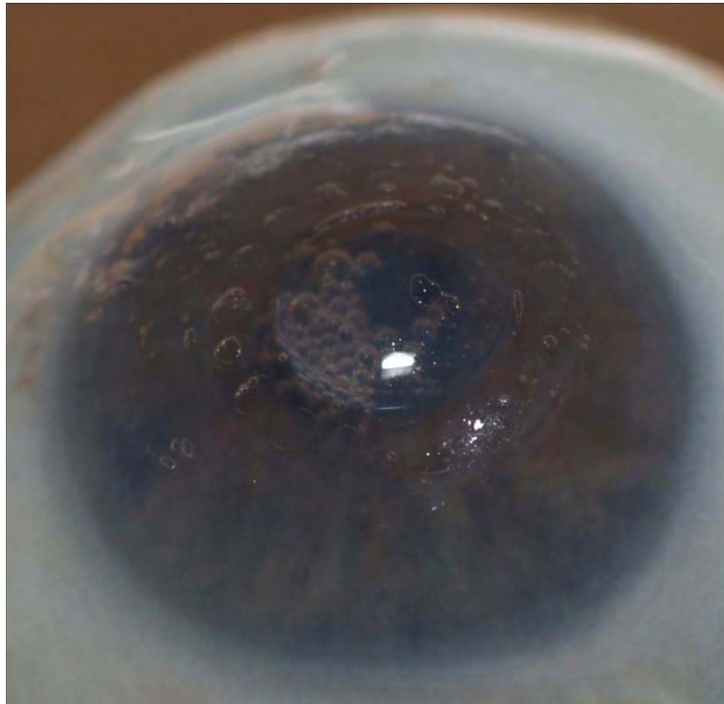
This device has European CE Mark Approval
This device has not received FDA Clearance

I have no financial interest in this presentation



The KeraKlear does not have FDA clearance for Use in the U.S.

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Clinical Results:

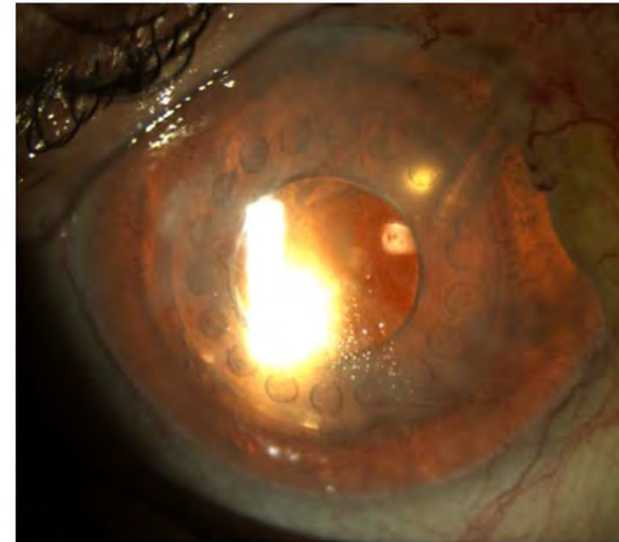
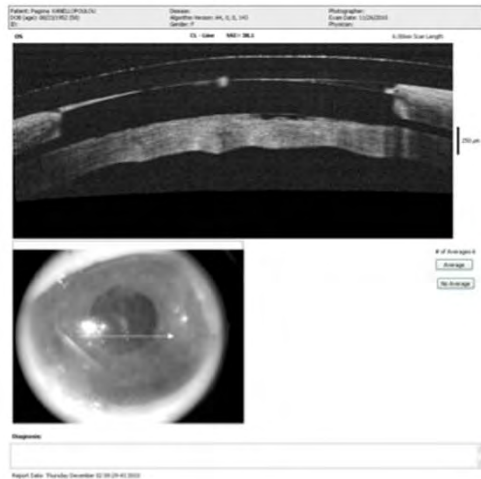


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LaserVision.gr
Institute for laser

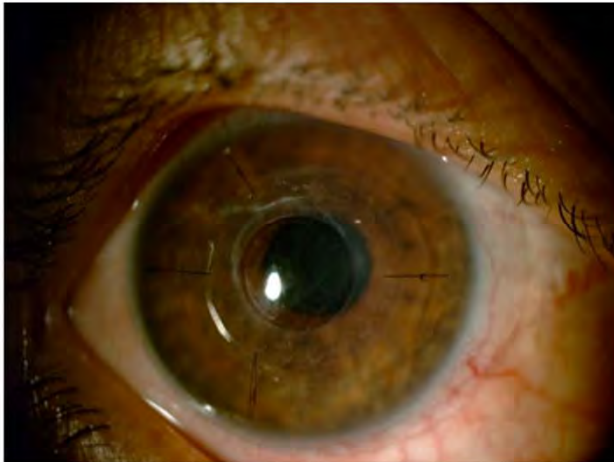


KeraKlear OCT



In advanced Keratoconus!

courtesy of Dr. Vargas



Conclusions:

- This foldable and injectable artificial cornea may be a feasible alternative to corneal transplantation in cases where there is a high risk of graft rejection or graft failure
- A significant benefit is that there is not a need for carrier donor tissue, which is unavailable in many parts of the world.
- Small external incision and simplicity of procedure may make artificial cornea surgery more accessible. .
- The implants appear to be stable over a period of one year.

