

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

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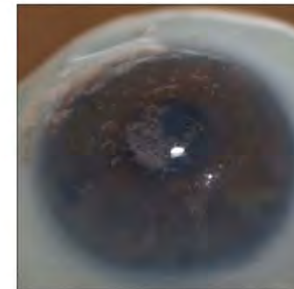
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No financial Interests

KeraKlear: Has European CE Mark



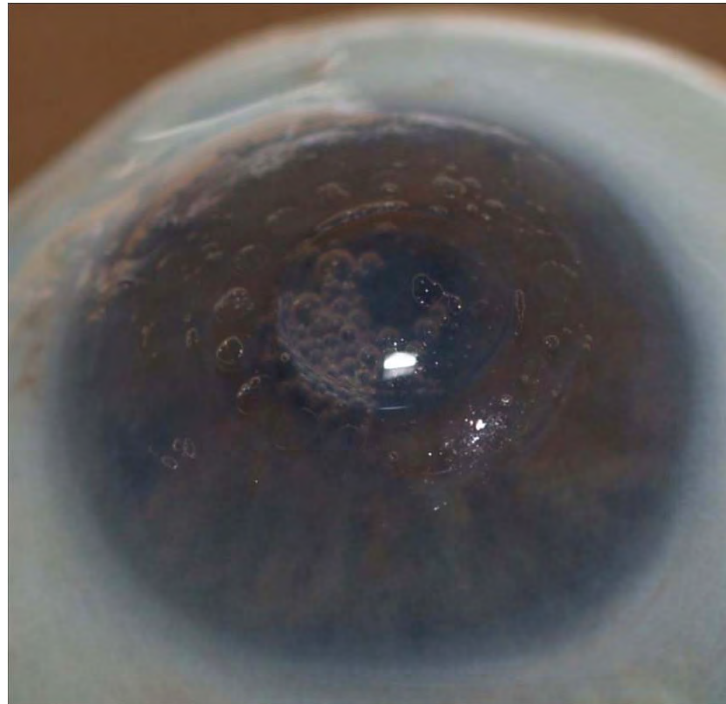
This device has European CE Mark Approval
This device has not received FDA Clearance

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:

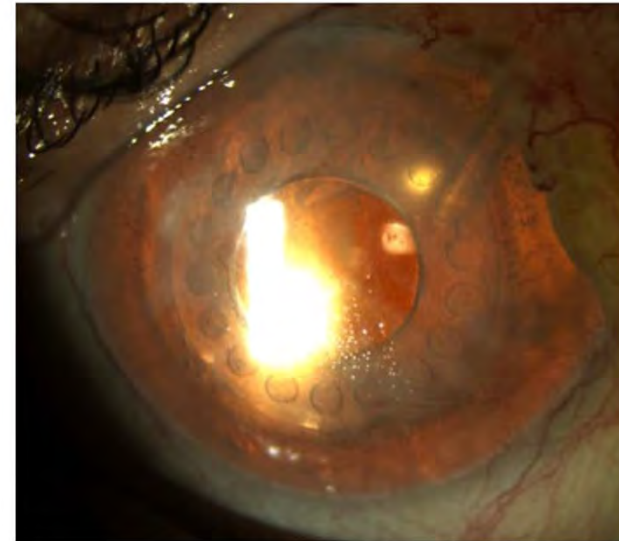
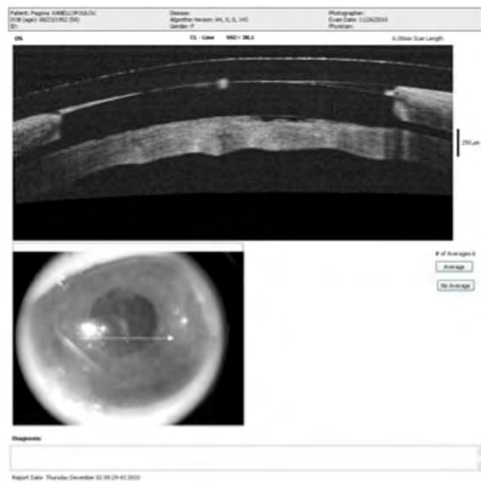


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LaserVision.gr
Institute for laser

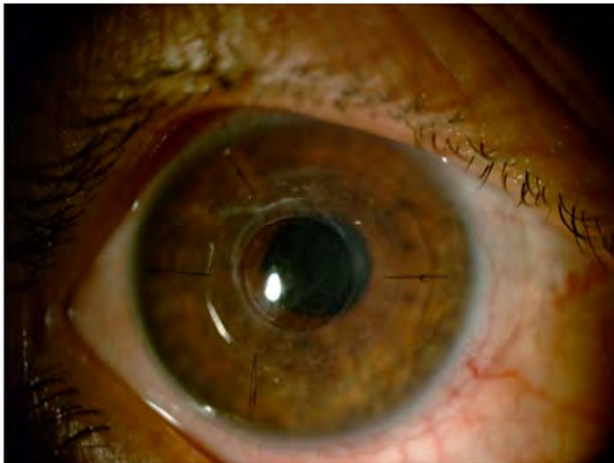


KeraKlear OCT



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.

