

Synthetic Anterior Lamellar Keratoplasty In Patients with Keratoconus

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

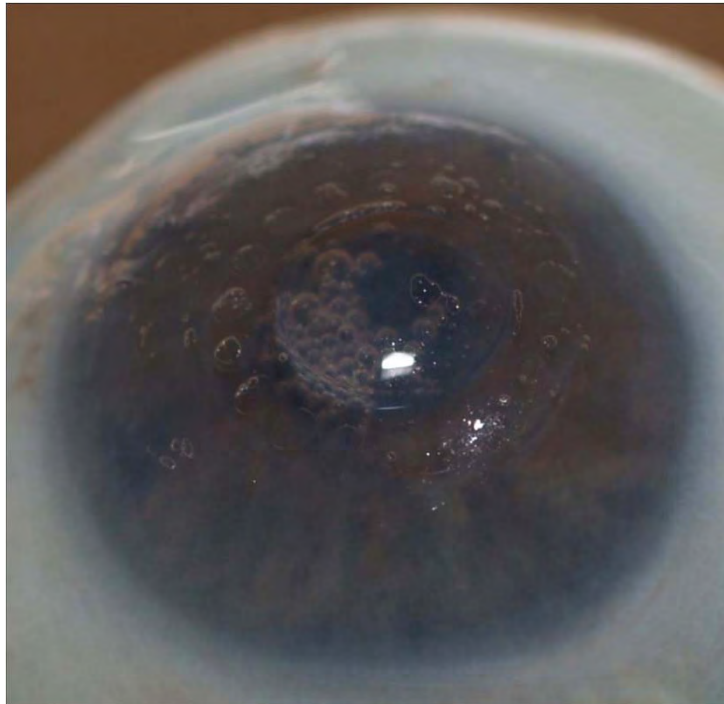


Financial Interests:

- Keramed
- Alcon/Wavelight,
- Bausch & Lomb,
- Seros Medical,
- Revision Optics,
- Ocular Therapeutix,



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



KeraKlear Artificial Cornea

- KeraMed Inc. has developed first foldable and injectable artificial cornea for small incision surgery
- Can be implanted manually, with a femtosecond laser, or with cornea pocket making micro-keratome





Clinical Results:



www.brilliantvision.com

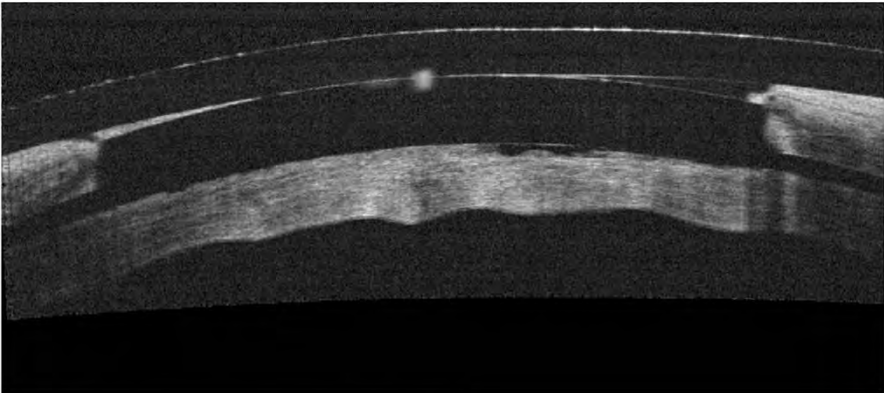
LaserVision.gr
Institute for laser



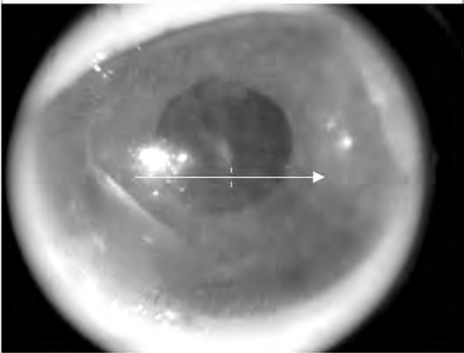
KeraKlear OCT

Patient: Pagona KANELLOPOULOU DOB (age): 08/23/1952 (58) ID:	Disease: Algorithm Version: A4, 0, 0, 143 Gender: F	Photographer: Exam Date: 11/26/2010 Physician:
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OS CL - Line 551= 38.1 6.00mm Scan Length



250 μm

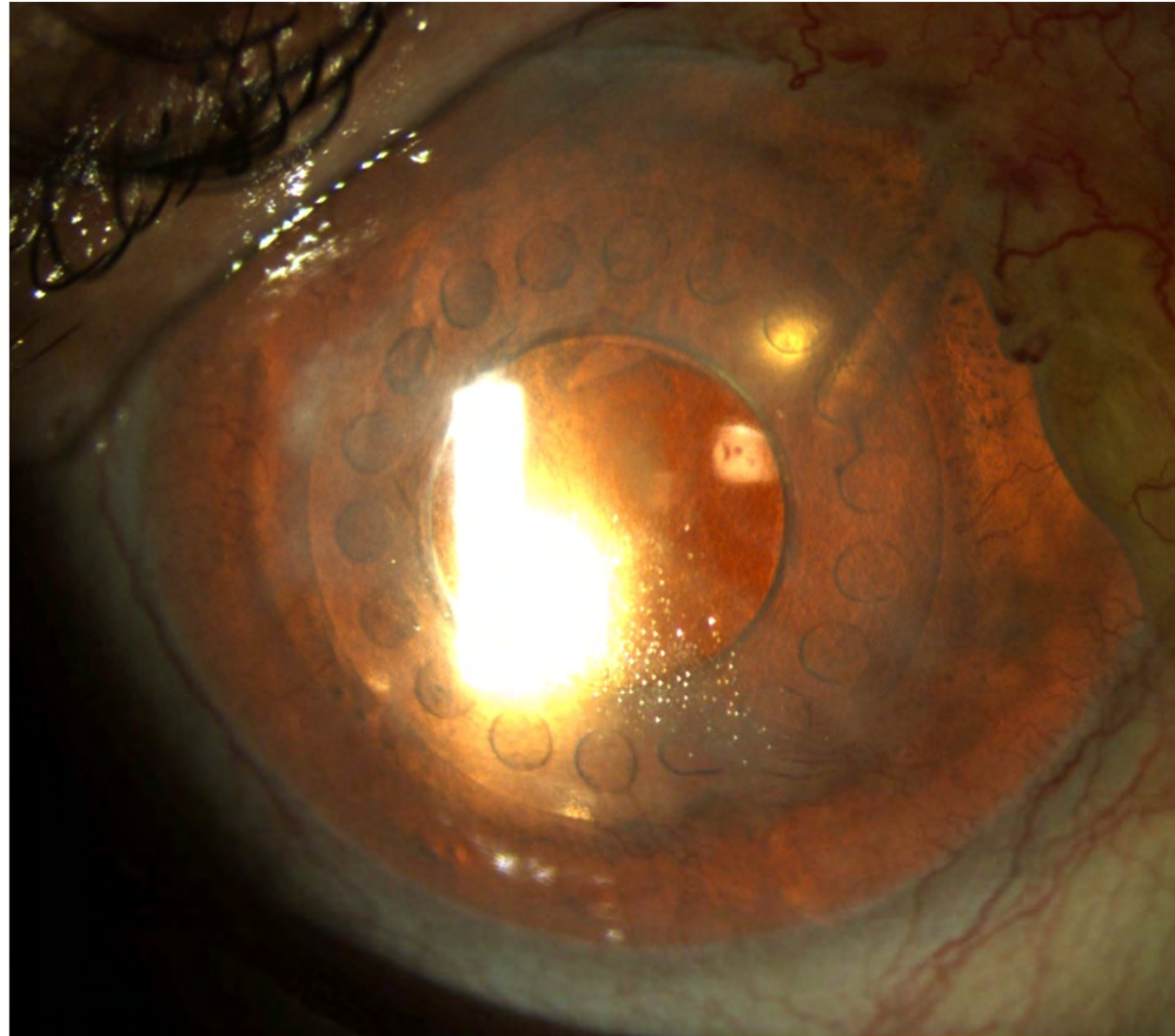


of Averages: 6

Diagnosis:

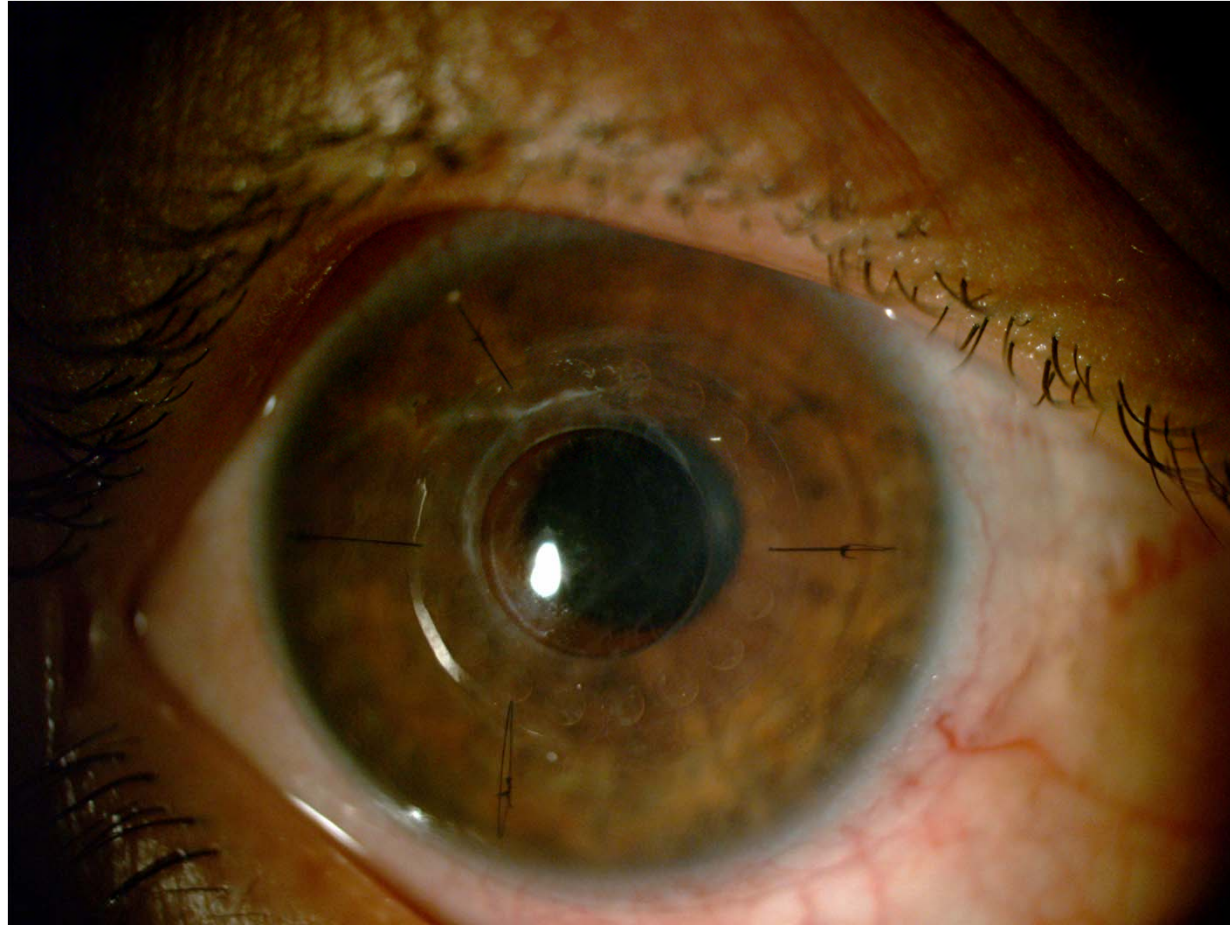
Report Date: Thursday December 02 09:29:43 2010





In advanced Keratoconus!

courtesy of Dr. Vargas



Conclusion:

- 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.





Thank you



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