





Founded of TLC in 1993 with Optometric Co-Management Model













It was 1989... I was a senior year resident at the University of Toronto and it was 4pm on a Friday...







































Compared to Mechanical Microkeratomes:

✓ There is less risk of Epithelial ingrowth with Femtosecond Flaps

Less risk of corneal striae

 Less risk of flap complication or poor quality

Less risk of dry eye

Less risk of traumatic flap displacement

Less risk of ectasia

































More Striae





DLK Variable Presentations



Grade 1 Superior DLK











Diffuse Lamellar Keratitis

- No conjunctival injection
- No Discharge or Eyelid swelling
- No anterior chamber inflammation
- No Fluorescein staining –
- Rules out SPK
- Helps determine depth of reaction
- Steroids increased to q1h and patient rechecked in 24 hours
- If severe or not improving, Flap Lifted and Interface Cleaned



Grade 4 DLK with flap striae











































