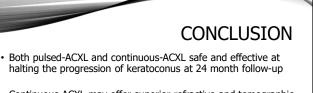
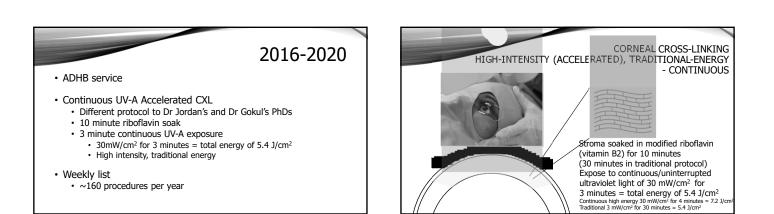
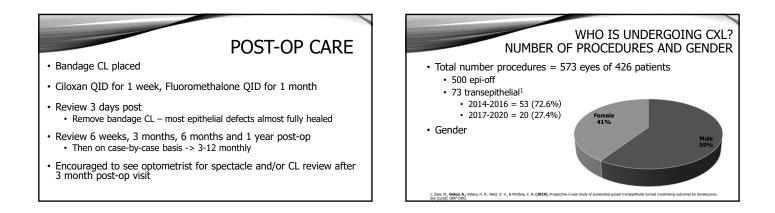


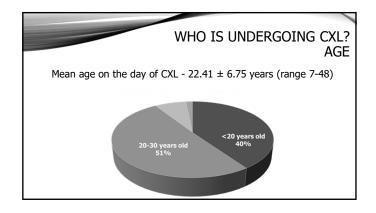
 Ziael, M., Gokul, A., Meyer, J. J., Veilara, H. R., Patel, D. V., & McGhee, C. N. (2019) Prospective Two Year Study of Clinical Outcome Continuous Accelerated Comeal Crosslinking for Karatoconus. Clinical and Experimental Ophthalmology. 47(8):980-986.

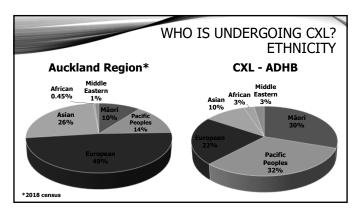


- Continuous-ACXL may offer superior refractive and tomographic outcomes but may not translate into better visual outcomes
- Continuous possibly the superior method due to shorter procedure time i.e. more efficient – 5 pulsed = 6 continuous









CRITERIA FOR PROGRESSION

- At least 6 months of visual/refractive/ tomographic data available
 Progression defined as ≥one of:
 - Increase in maximal keratometry of ≥0.75D
 - Change in refractive astigmatism of \geq 0.75D
 - Decrease in thinnest corneal thickness of ${\geq}15 \mu m$
 - Progression measured indirectly by using rigid contact lenses; a change of >0.2mm in base curve
 - · Loss of 2 or more lines of best spectacle corrected visual acuity
- Clinician judgement

SAFETY LIMITATIONS

- Corneal thickness
- Thinnest point >400 μm
- Corneal clarity

 No significant corneal scarring -> from KC or otherwise
- Inflammatory disease under control -> non-healing epithelial defects
 E.g. allergic eye disease (VKC, AKC, SAC)
- No limitation on keratometry values
 - As long as above criteria are met

