

Various
topographic
patterns of
post-LASIK
ectasia and
their
management

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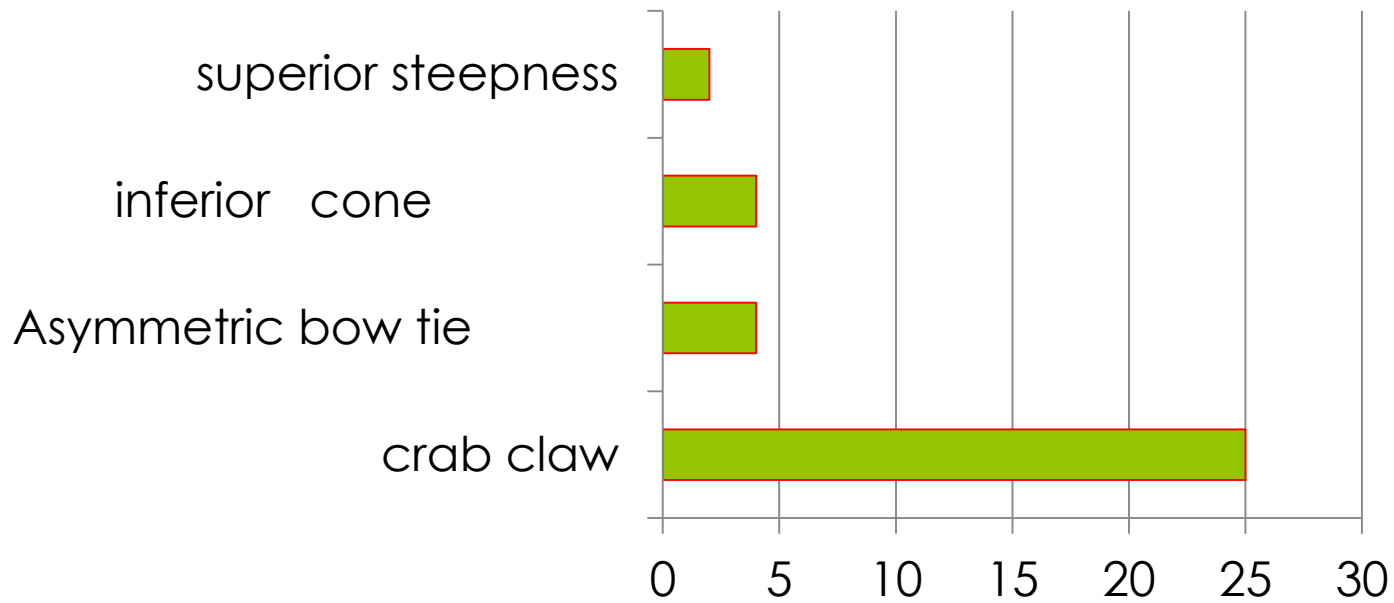
**No financial interest to
disclose**

Settings: Magrabi Aseer hospital-KSA.

- Purpose: To present different topographic patterns of post-LASIK ectasia and modalities of intervention .
- Materials and methods: Retrospective analysis of **(35) eyes** of (22) patients presenting with post-LASIK ectasia, from 5/1/2011 till 1/12/2013.(4) eyes had previous Lasik surgery by our centre surgeons and (31)eyes had Lasik outside our hospital.

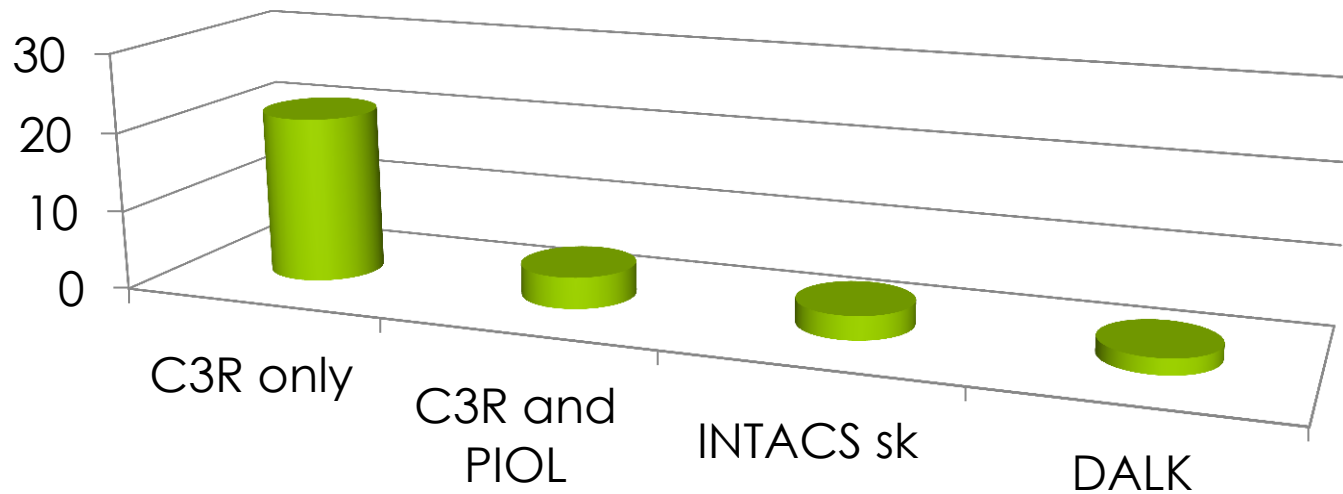
- (25)eyes early presented with **crab claw/pellucid** like pattern.(4)eyes early presented with **asymmetric bow tie with inferior steepening**.(4)eyes first presented with **inferior cone**.(2)eyes presented early with **superior steepness**.

Column1



- **25 eyes** underwent **corneal collagen crosslinking (C3R)** with riboflavin, followed by TICL in 3 eyes and ICL in one eye, **3 eyes** had **Intacs sk implantation**, **2 eyes** had deep anterior lamellar keratoplasty (**DALK**). **5 eyes** skipped treatment and presented with progressive features of ectasia over 3 years.

Management modalities

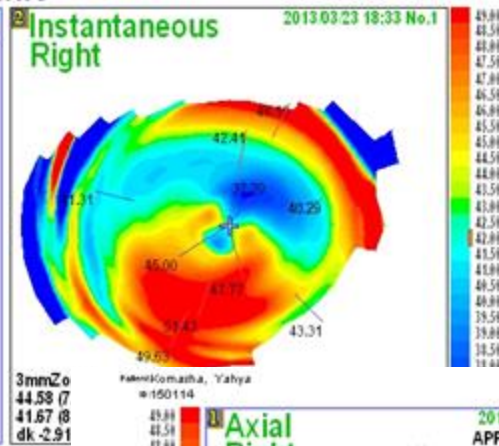
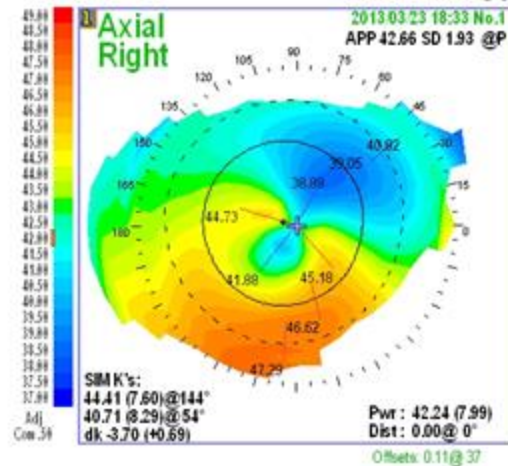


Intacs sk 1 ring (Pre and post)

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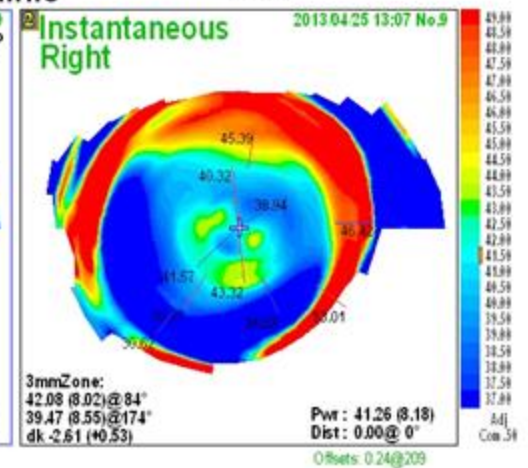
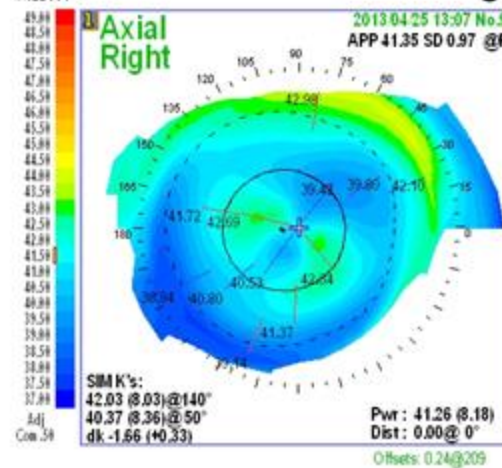
Clinic

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Clinic

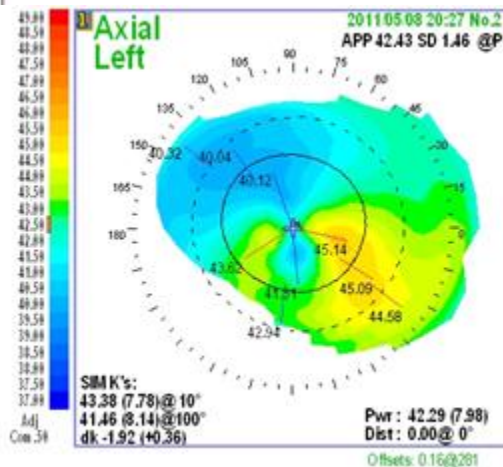
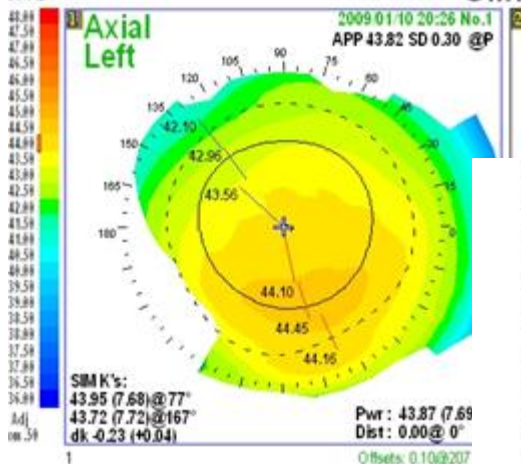
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Progressive ectasia

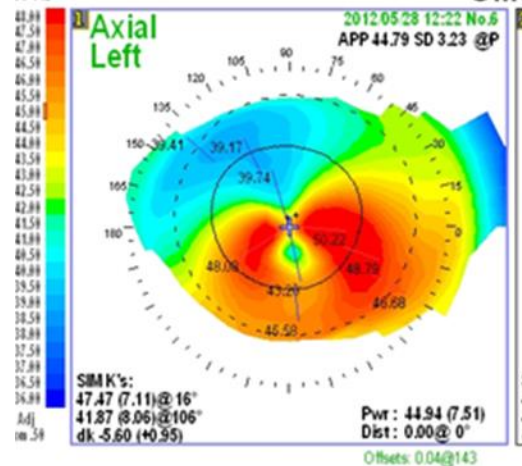
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Clin

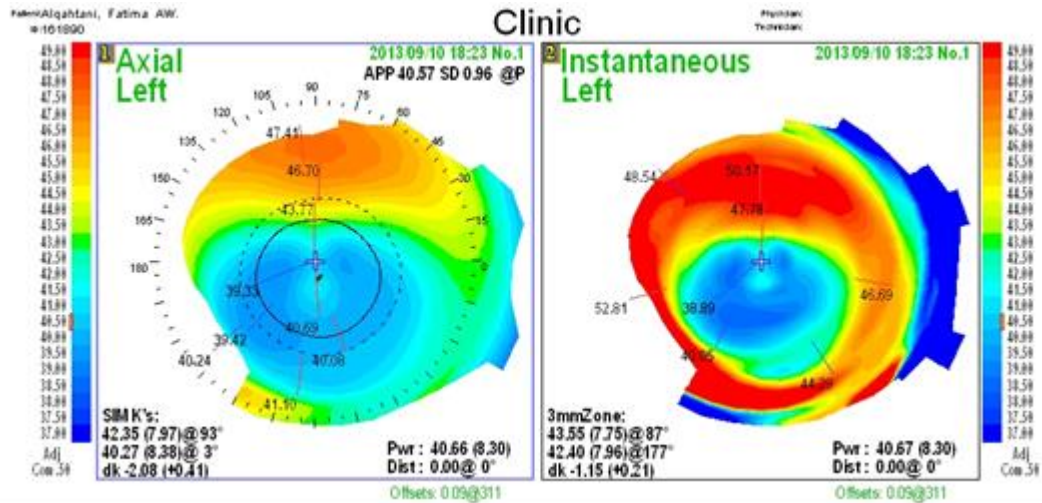


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Superior steepness



Conclusion

- Post lasik ectasia can present with various modalities of signs and symptoms, that necessitates proper discussion of the pros and cons with the patient and early intervention with the suitable corrective procedure.