Visian ICL for Myopia below 5.0 D Clinical Outcomes and Quality of vision

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Financial Disclosure

Consultant to

- STAAR Surgical
- Nidek Co
- PhysIOL

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Criteria of an IDEAL Refractive Surgery

- Efficacy:
 - Predictability. (UDVA, MR)
 - · Reproducibility.
- Safety:
 - Preservation of DCVA.
 - Preservation of quality of vision.
 - Complications free.
- Reversibility.
- Room for future needs.

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Visian ICL for Myopia below 5.0 D

Evaluation against criteria of ideal refractive surgery

Study Design

- Retrospective.
- 77 Consecutive eyes.
- All eyes received a Visian ICL or Visian Toric ICL "V4c".
- MRSE: -5.0 D or lower.
- Preop DCVA: 20/20 or better.
- Refractive goal: Emmetropia.
- Completed 1 year exam after surgery.
- All eyes were good candidates for LVC.

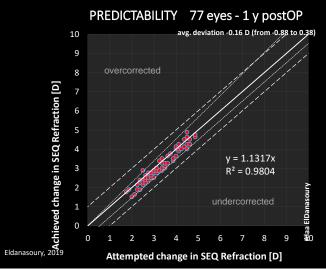
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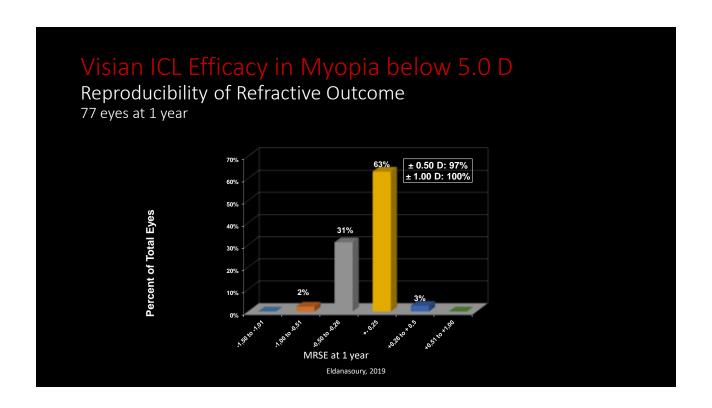
Attempted vs. Achieved SEQ

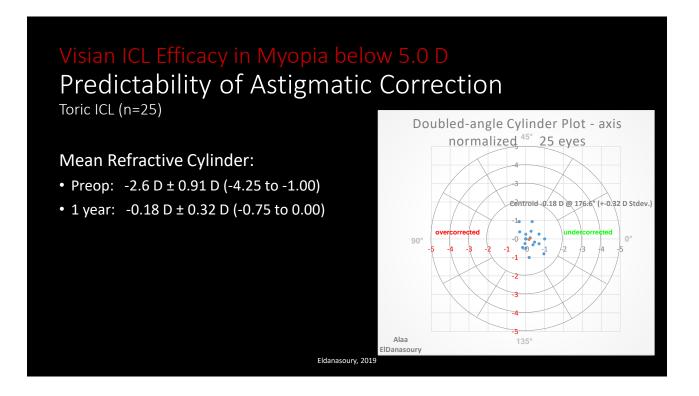
Mean MRSE:

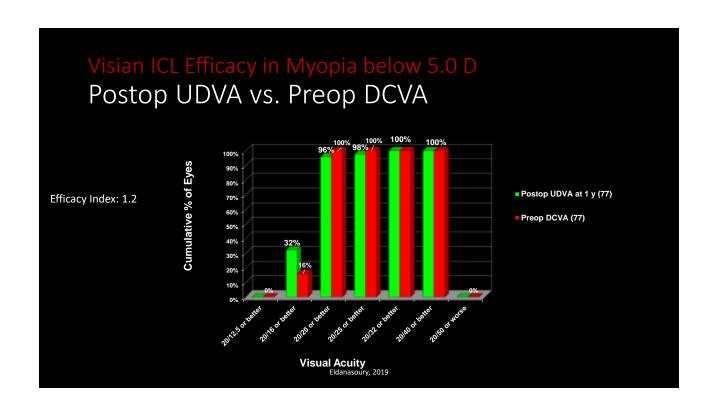
• Preop: -3.51 D ± 0.85 D (-5.00 to -1.63)

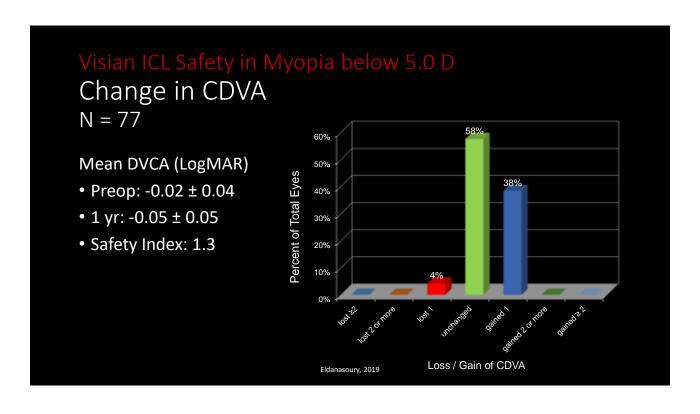
• 1 year: -0.16 D ± 0.19 D (-0.75 to 0.38)

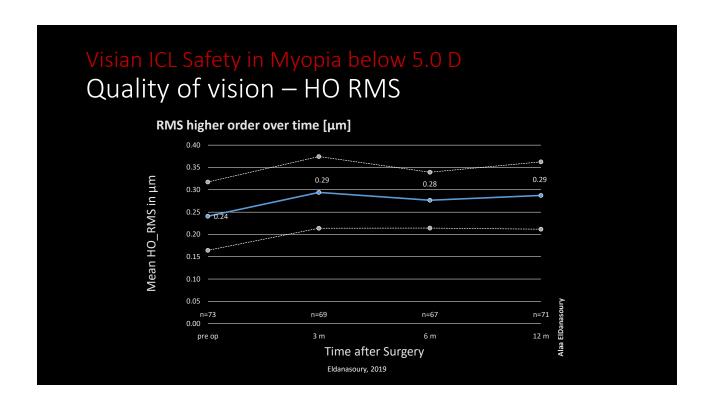


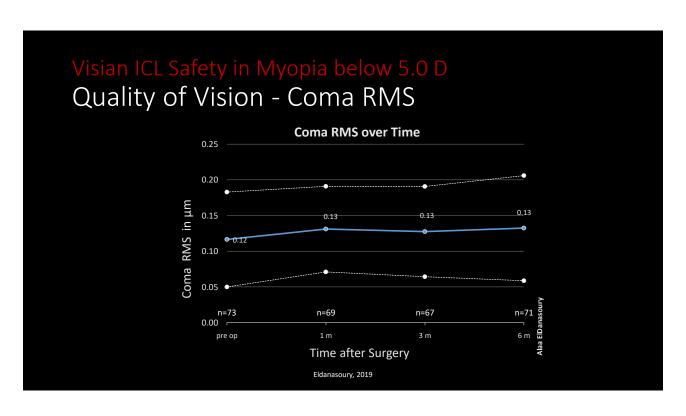


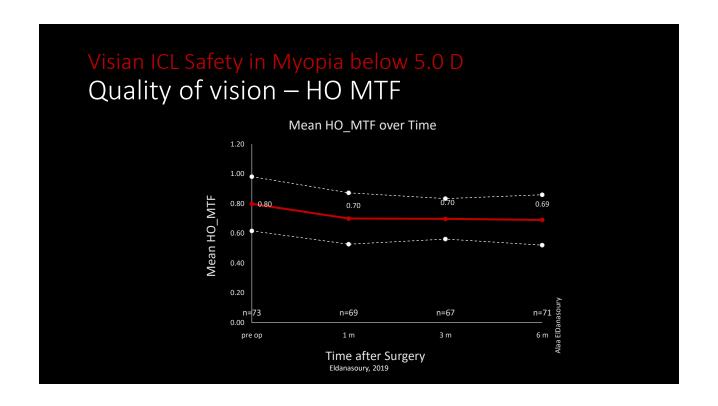














Visian ICL Safety in Myopia below 5.0 D Complications

• No visually threatening complications in this cohort.

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Visian ICL for Myopia lower than 5.0 D Biocompatibility

The MATERIAL makes the difference:

- Collamer is exclusive to STAAR Surgical.
- Less dysphotopsia.
- Less inflammatory reaction.
- Proven history; over 900'000 ICLs implanted world wide.

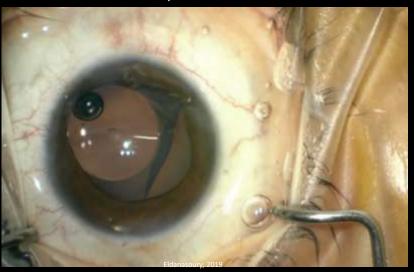
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Superiority over LVC

- Removability.
- Better quality of vision.
- Worst case scenarios are satisfactorily managed.
- Room for future needs
 - Age related cataract.
 - Presbyopia correction.
 - Refractive changes.

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Removability 0.4% (over or under sized)



Visian ICL Worst Case Scenario!

Retrospective Review of our last 1500 Consecutive Eyes

Myopia up to 18D

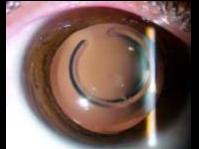
- With V4c: None in 600.
- Older models:
 - 4 in 1000 (0.04%).
 - All had peripheral touch.
 - All were very satisfied after phaco surgery!
 - All were above 12.0 D of myopia.

(a)

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Ectasia Management







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Criteria of an Ideal Refractive Surgery	Visian ICL in low myopia
1- EFFICACY (Predictability & Reproducibility)	Excellent
2- SAFETY (Acuity, quality, worst case scenario)	Excellent
3- REVERSIBILITY (Removability)	Removable
4- FUTURE PROOFING	Preserves the cornea Collamer proven safe
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