



TORIC TRIFOCAL IOL Premium Surgery / Premium Complication

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NO FINANTIAL INTEREST



TORIC TRIFOCAL IOL

Clinical case

- 59 years old, professional driver, uncomfortable vision with glasses
- R.E.: +4.00 sph – 4,50 cyl 5° BCVA: 0,6
- L.E.: +2,75 sph – 1,75 cyl 40° BCVA: 0,7
- PRESBYOPIA
- Endothelial count: OD: 2.850 cell / mm² OI: 2.753 cell/ mm²
- OCT: healthy macula

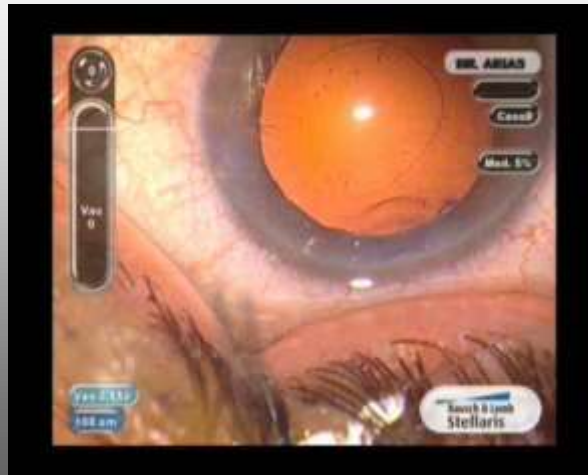
SURGICAL OPTION
TORIC TRIFOCAL IOL
AT-LISA TRI TORIC



Ophthalmologist: "It's a good case for lens refractive surgery"

Patient: "I have been successful with the election"

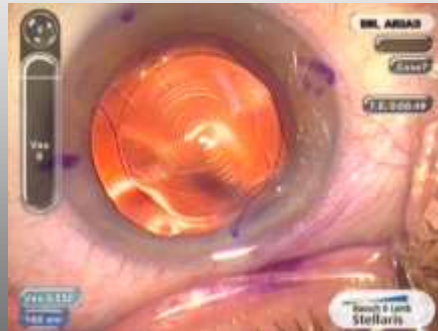
Surgery RE (conventional phaco technique)



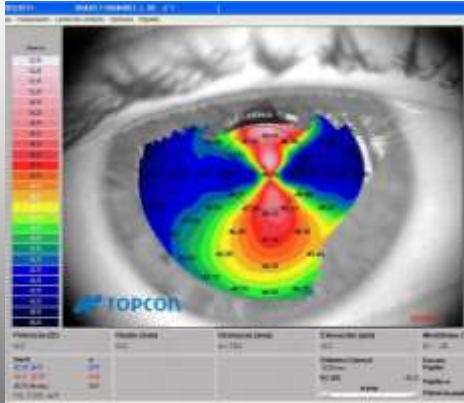
Surgical result

RE (aphakia)

LE (7 days later) Multifocal Toric IOL



Postop follow-up RE



Sim-K	e
42.18 @ 5°	0.57
49.31 @ 95°	0.46
45.74 (Media)	0.51
CYL -7.13 D ax 5°	



Refractive status: +13,00 sph - 6,50 cyl 0° BCVA : 0,4

Postop follow-up RE

Refractive status: +13,00 sph - 6,50 cyl 0°
BCVA : 0,4



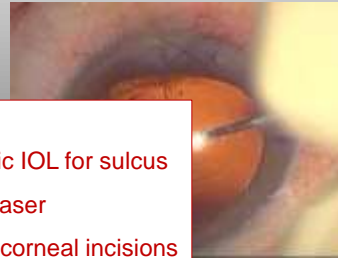
GRADE OF SATISFACTION: **DISSATISFIED ?**



Postop follow-up RE



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45.74 (Media)	0.51
CYL -7.13 D ax 5°	

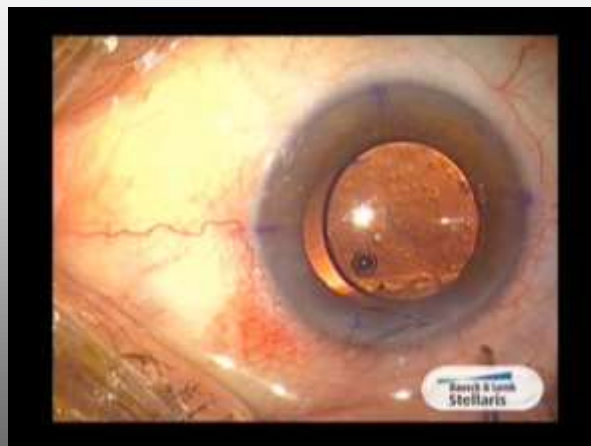


SURGICAL OPTIONS?

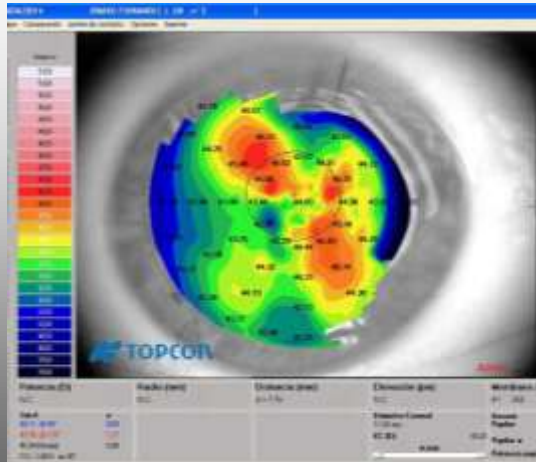
- There is not multifocal toric IOL for sulcus
- Multifocal IOL + Excimer laser
- Multifocal IOL + Relaxing corneal incisions

Refractive status: +13,00 sph - 6,50 cyl 0° BCVA : 0,4

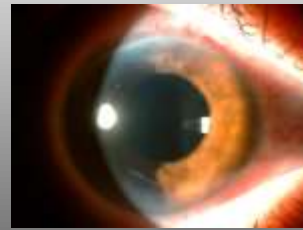
Implant multifocal aspheric IOL (*sulcus*)



Second postop follow-up RE

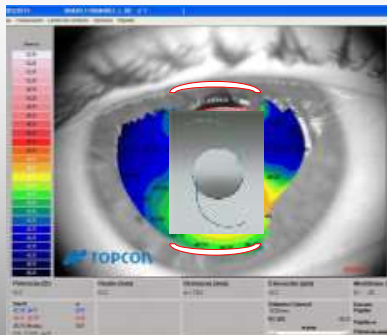


Sim-K	e
44,11 @ 45°	0,69
45,98 @ 135°	1,27
45,04 (Media)	0,98
CYL -1,86 D ax 45°	



REFRACTION: -0.50 sph- 1,50 cyl 20° BCVA : 0,8

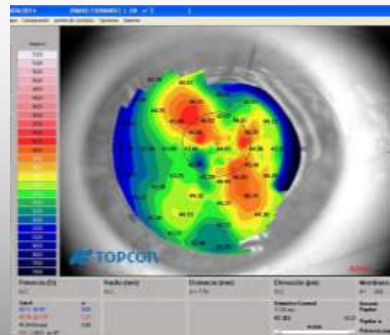
First postop follow-up RE



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CYL -7,13 D ax 5°	

+13,00 sph - 6,50 cyl 0° BCVA : 0,4

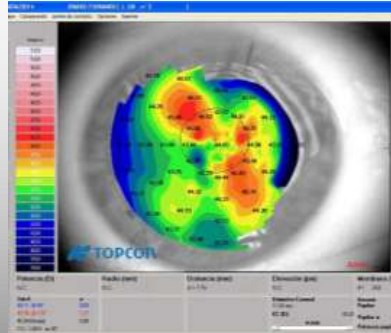
Second postop follow-up RE



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-0.50 sph - 1,50 cyl 20° BCVA : 0,8

Final surgical option: BIOPTICS with excimer laser



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45.04 (Media)	0.98
CYL -1.86 D ax 45°	

-0.50 sph - 1,50 cyl 20° BCVA : 0,8

Reject the option !!!



PREMIUM REFRACTIVE SURGERY

What have we learned with that case?

NEEDS not only:

- Premium Patient selection
- Premium IOL selection
- Premium surgical technique



NEEDS also:

- Premium surgeon
- Saving surgical solutions in case of complication
- Be sure that patient knows the **real possibility** of “premium” surgical complications even with premium surgery





شكرا جزيلا
¡ Muchas Gracias !



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