



Artisan in Extreme Myopia (> - 20 Diopters)

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(ISO 9002)

Cairo 2019



Artisan / extreme myopia

□ 273 eyes (192 patients) : Myopia (-20 to -40)

Artisan (-18 to -23,5)

Surgery < 2014



Artisan / extreme myopia

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Artisan (-18 to -23,5)
Surgery < 2014
- 101 eyes : 5 years follow up (39%)

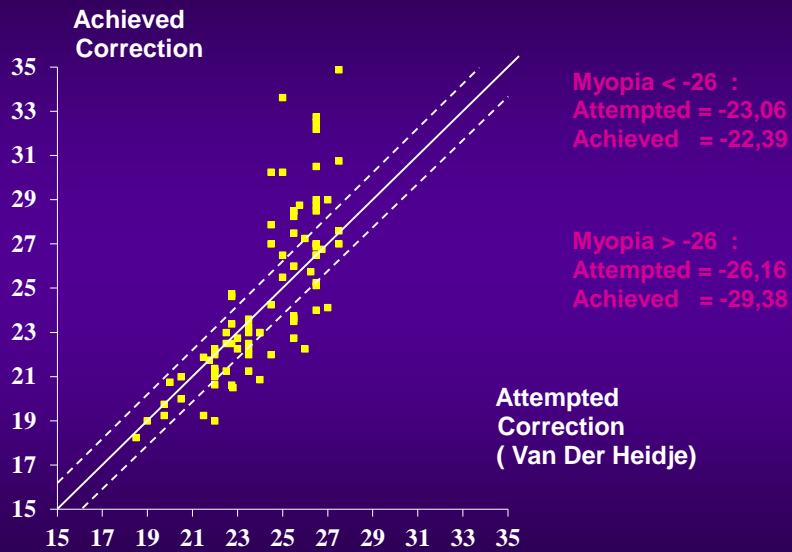


Artisan / extreme myopia

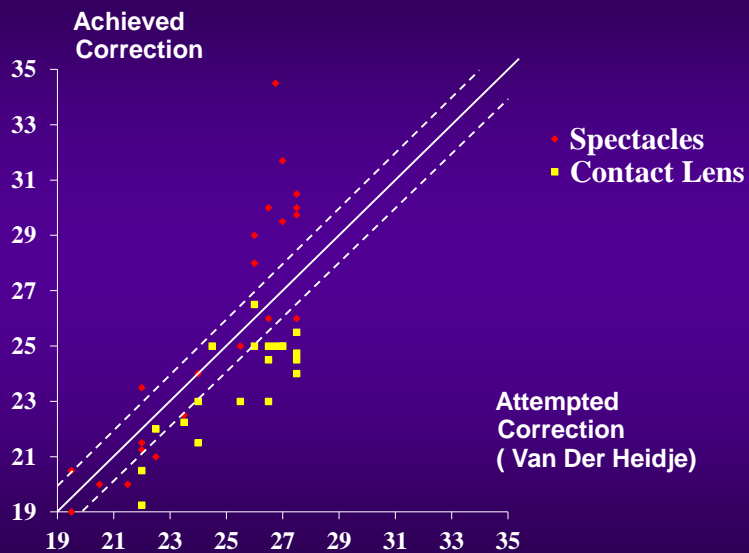
- 273 eyes (192 patients) : Myopia (-20 to -40)
Artisan (-18 to -23,5)
Surgery < 2014
- 101 eyes : 5 years follow up (39%)
- 61 eyes : 10 years follow up (40%)



Predictability 5 years

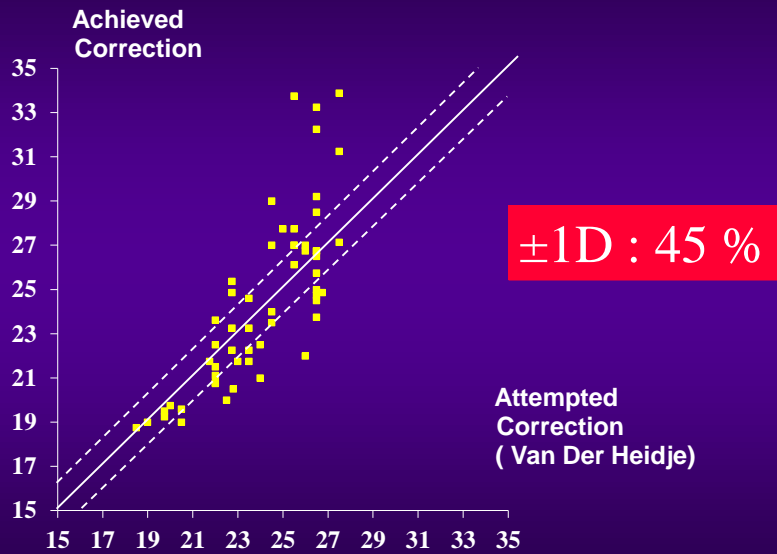


Predictability

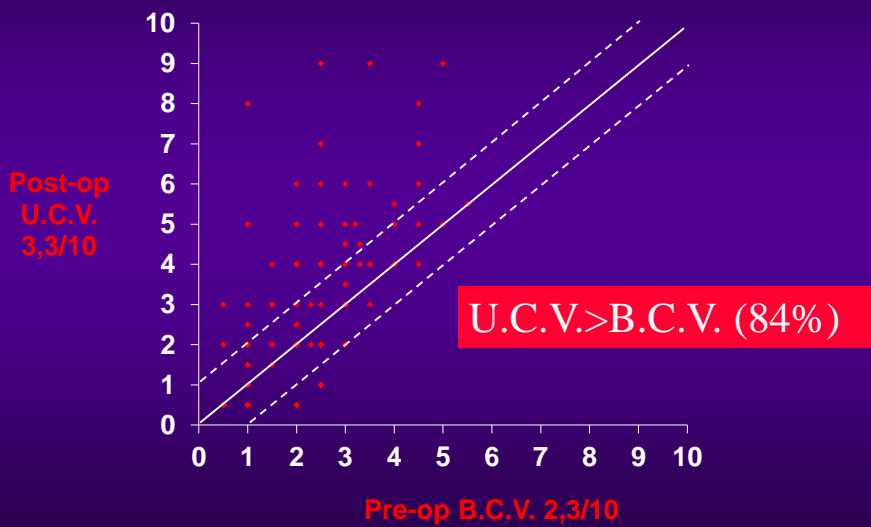




Predictability 10 years



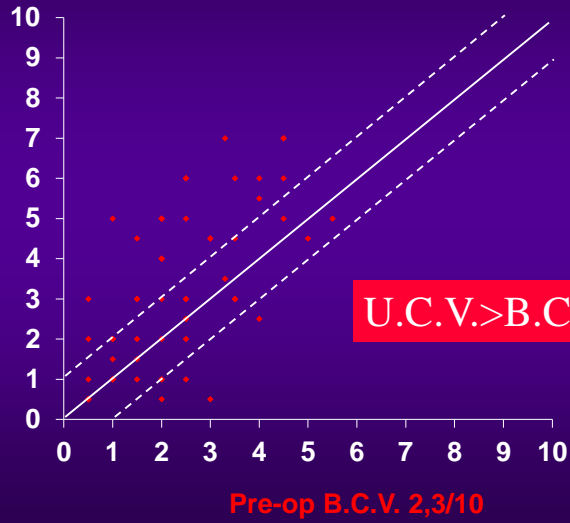
Uncorrected Vision 5 years





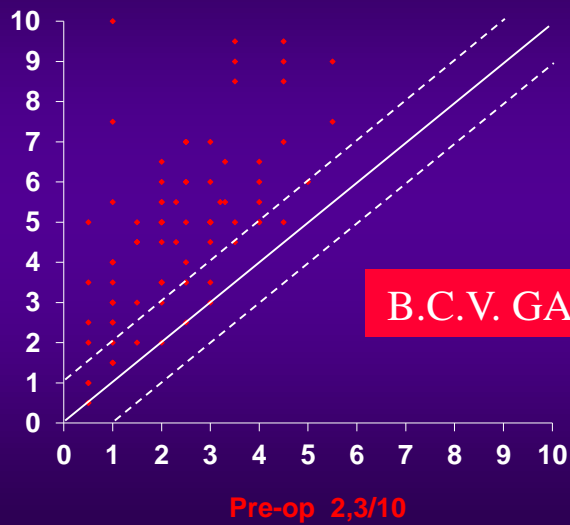
Uncorrected Vision 10 years

Post-op
U.C.V.
3,15/10



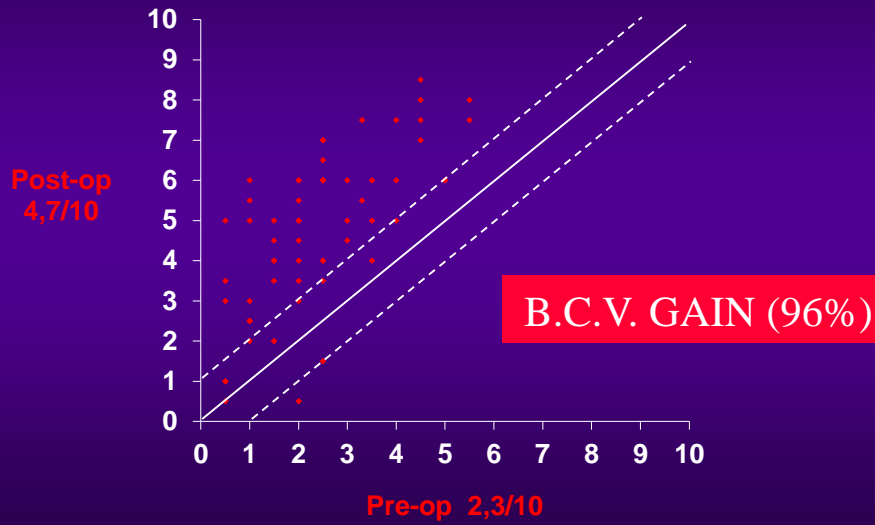
Best Corrected Vision 5 years

Post-op
4,74/10

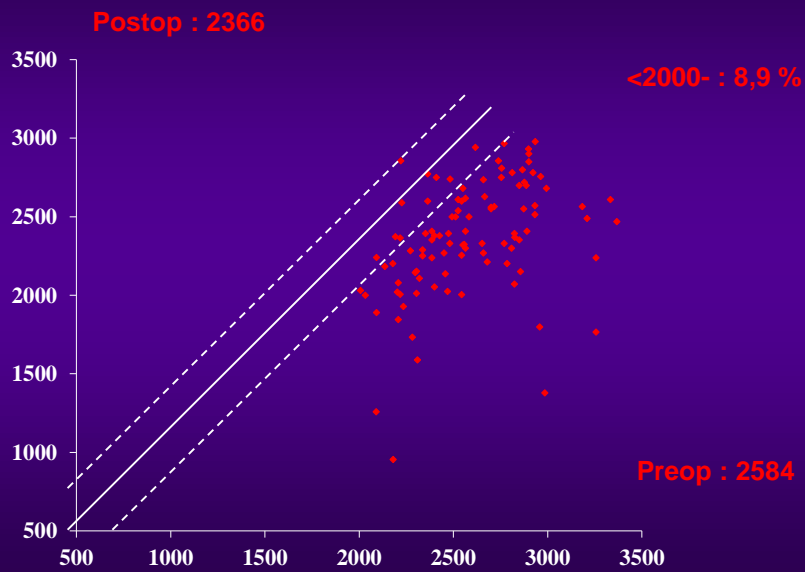




Best Corrected Vision 10 years



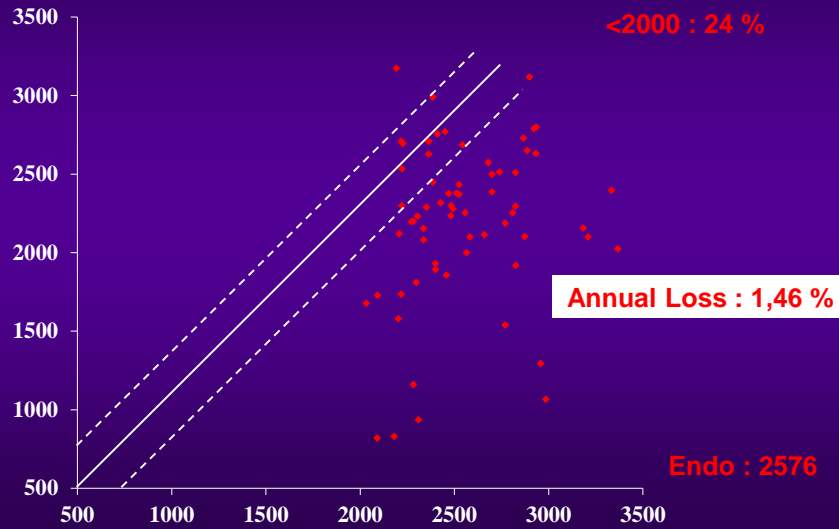
Endothelium 5 years -8,5 %





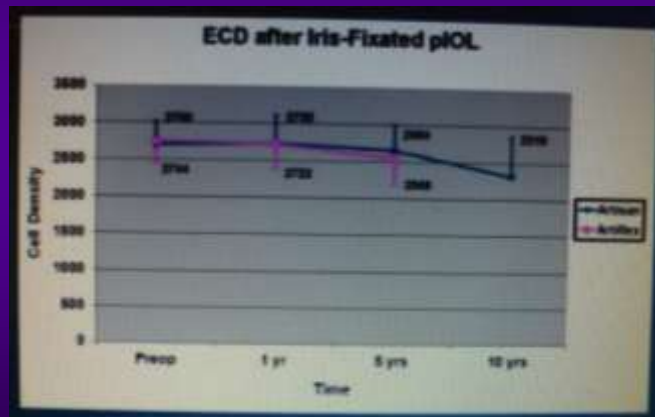
Endothelium 10 years -14,6 %

Postop : 2202



Artisan Annual Endothelial loss (1.6 %)

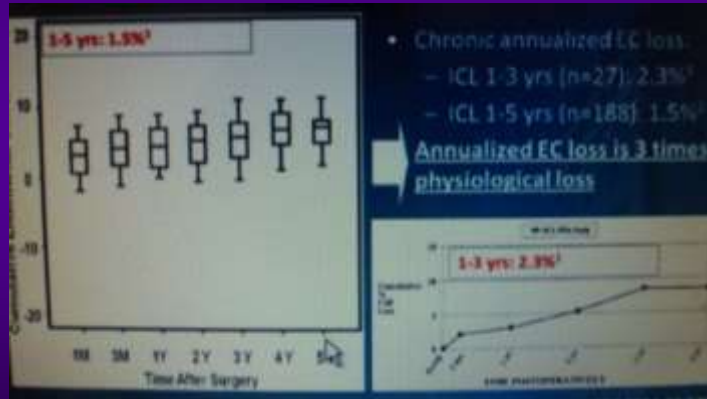
3 X physiological loss





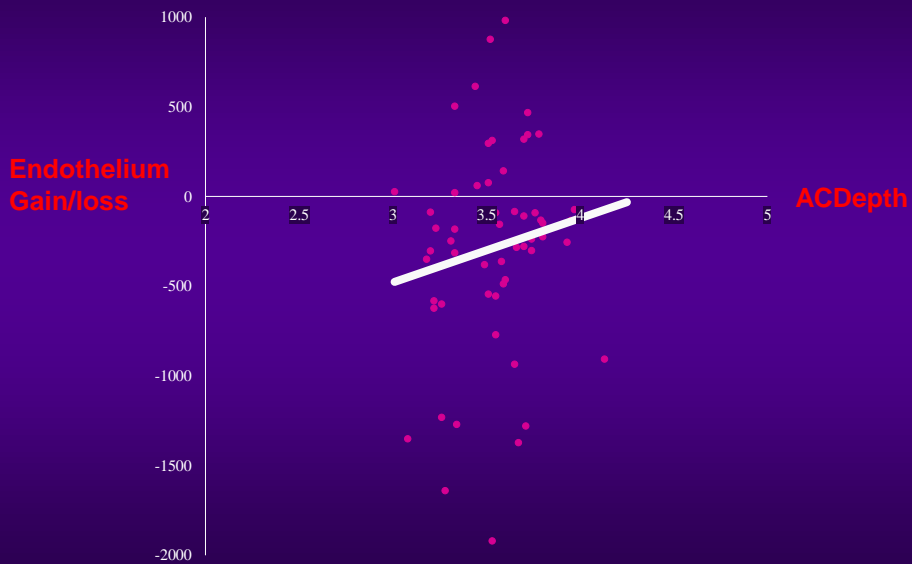
I.C.L. Annual Endothelial loss (1.5 %)

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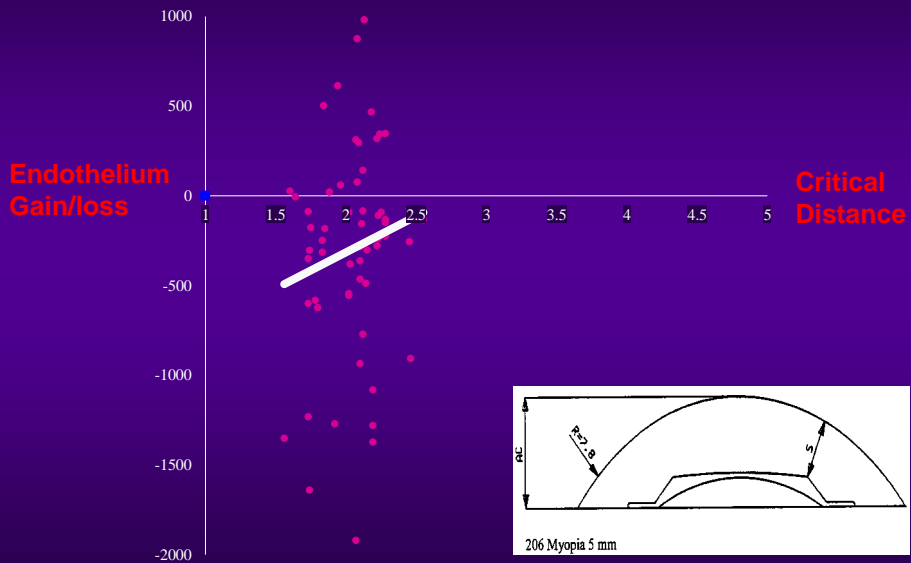


R. Nujits : ESCRS 2013

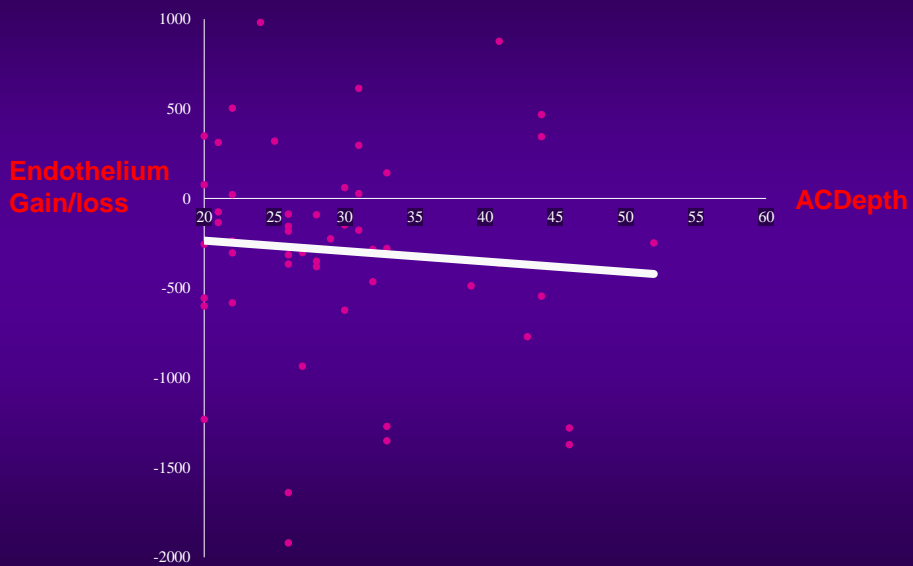
Endothelium Loss / AC Depth (10 years)



Endothelium Loss / Critical Distance (10 years)



Endothelium Loss / Age (10 years)

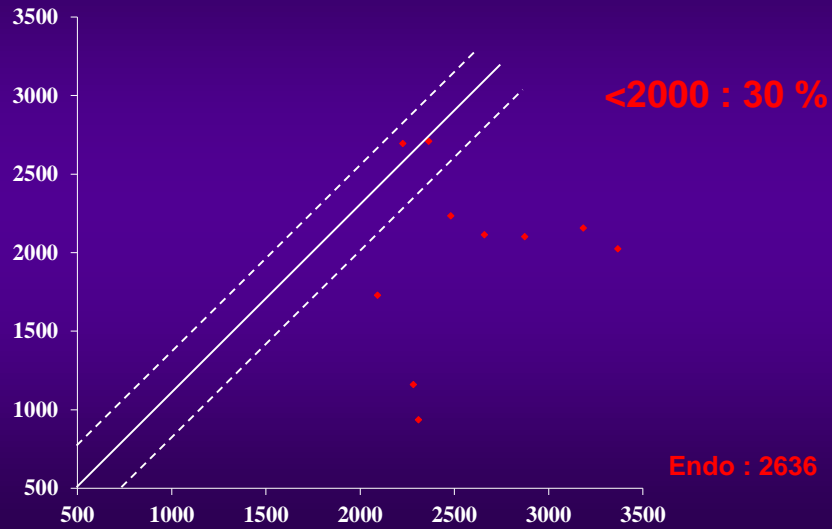




Endothelium 10 years (> 40 yod)

14,6 >>> 19,2 %

Postop : 2132



Artisan (10 years)

□ Uveitis : 0 %



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- Glaucoma : 16 % (33 yod) 5 y post op



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- Myopic maculopathy : 8 %



Artisan / Extreme Myopia (10 years)

- Vision : efficacy (140%) B.C.V. gain (205%)



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- Glaucoma(16%) & Cataract(18%): extreme myopia & age
- Endothelium : 3 X physiologic loss (AGE)



Artisan (Phakic IOLs)

- Visual Rehabilitation / Late complications



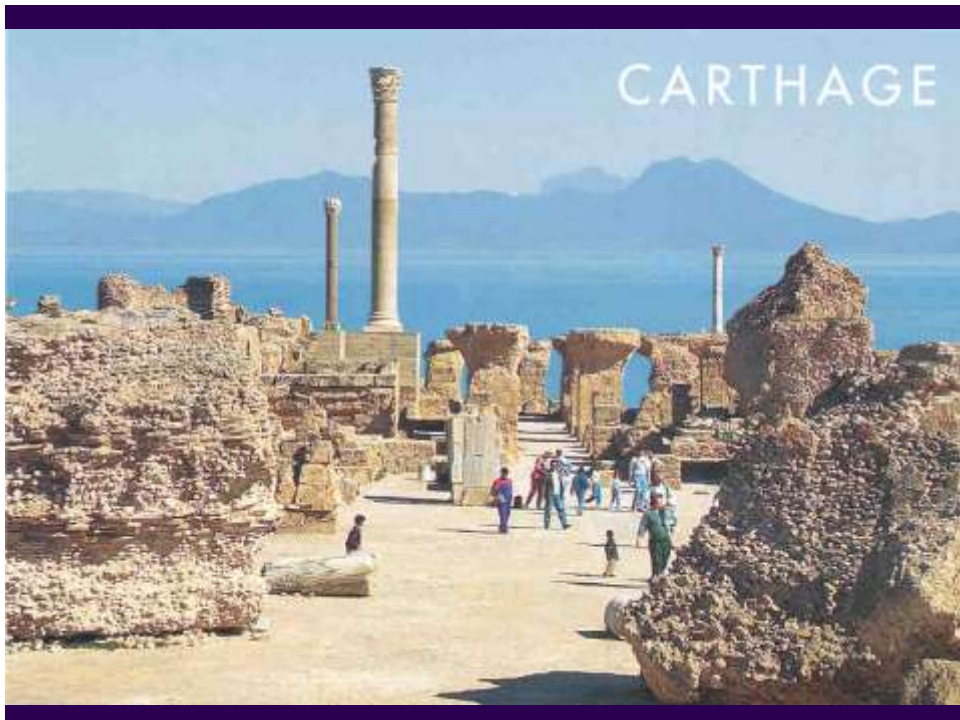
Artisan (Phakic IOLs)

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Artisan (Phakic IOLs)

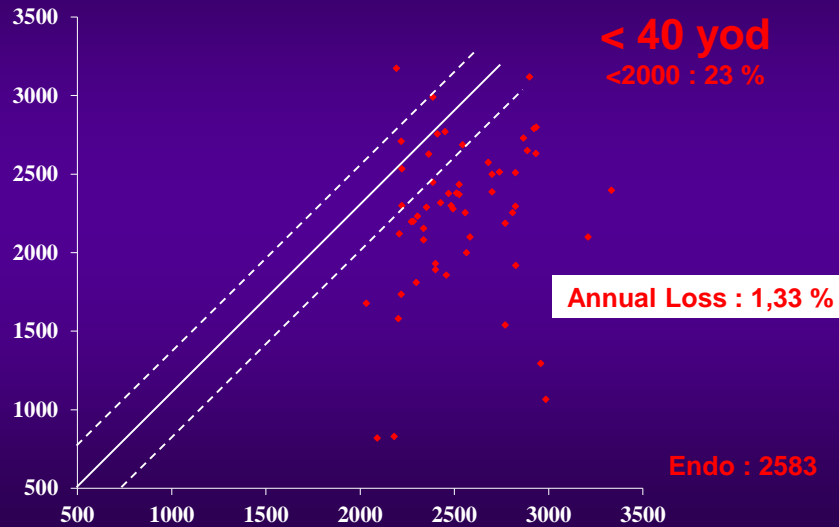
- Visual Rehabilitation / Late complications
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- Temporality : Guell -Ridley lecture 2016





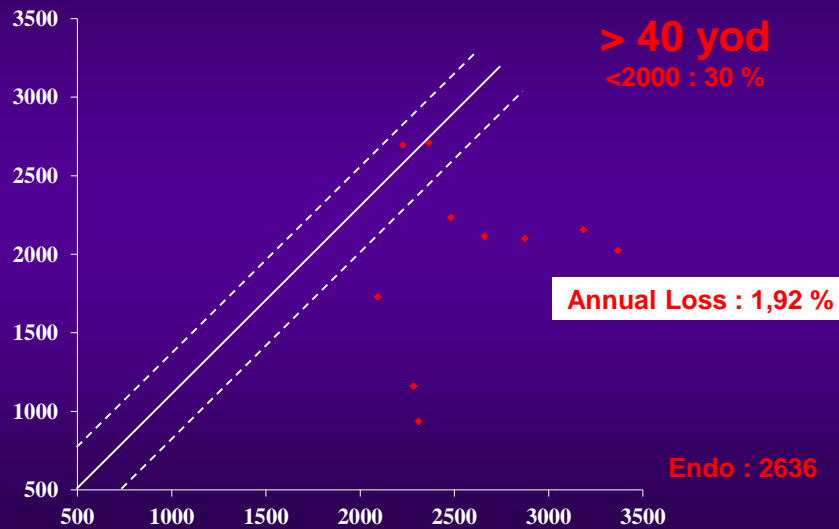
Endothelium 10 years -13,3 %

Postop : 2240

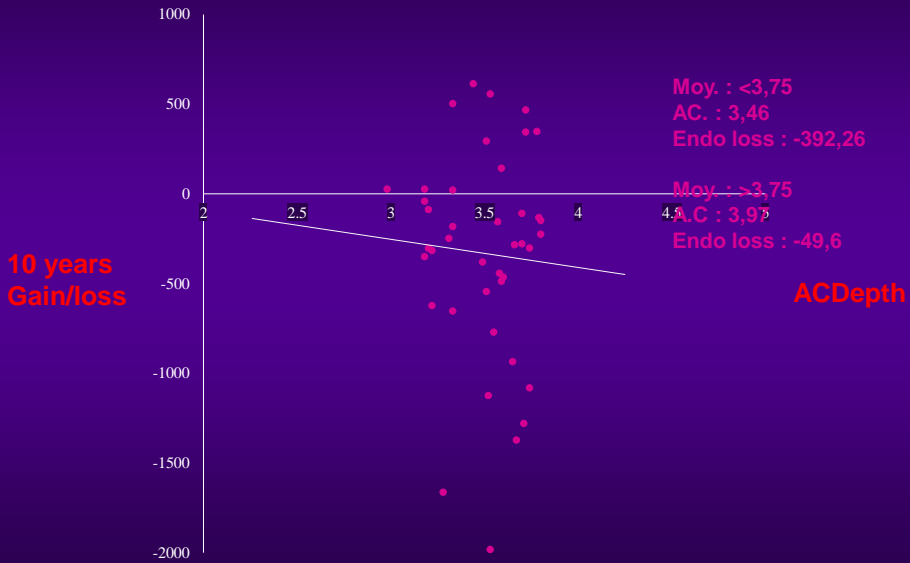


Endothelium 10 years -19,2 %

Postop : 2132



Endothelium Loss/AC Depth (10 years)



Endothelium Loss/Critical Distance 10 years

