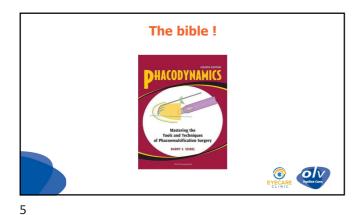


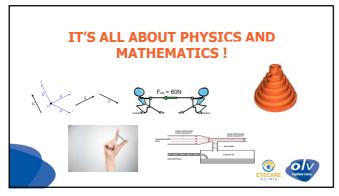
## Master the theory and you're halfway ! Phaco machine(manual, rep, user meetings) Cataract surgery ≈ physics/math Always a plan B !

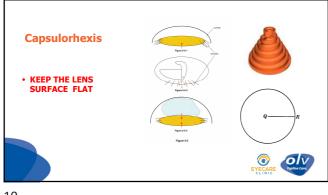








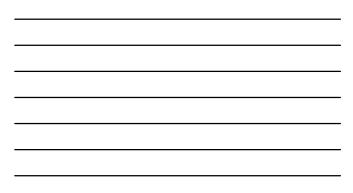






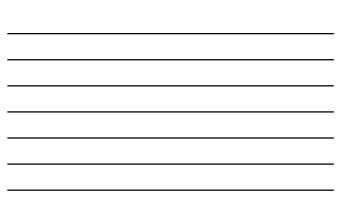


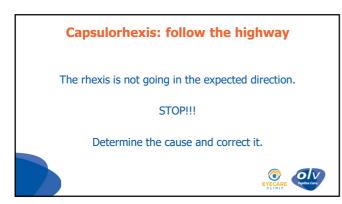


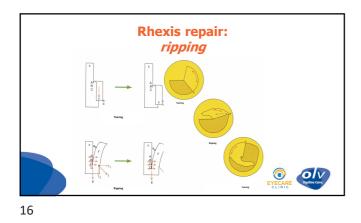




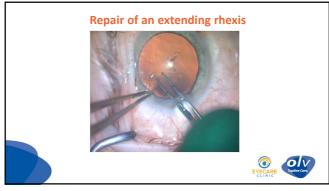








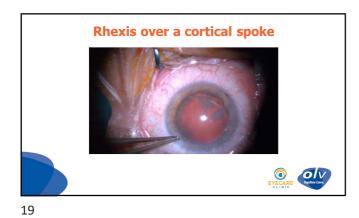






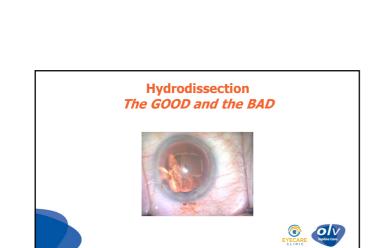


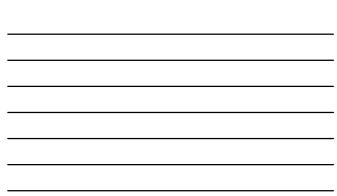


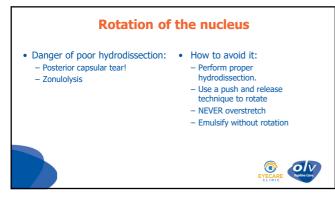








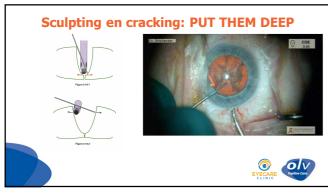


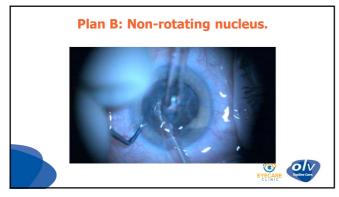


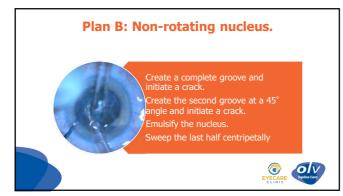












## Tips sculpting en cracking

- Adjust phaco mode to cataract density.
- Sculpt to 2/3 depth.
- Place instruments deep and parallel to the groove.
- If the first groove doesn't break, start with the second

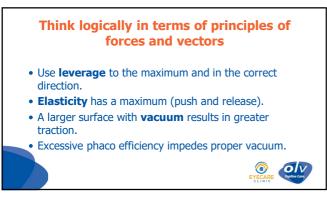


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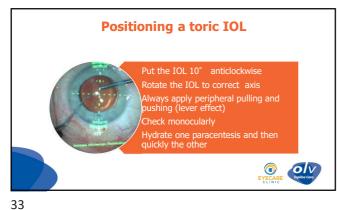


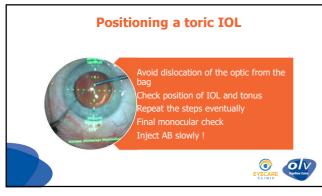


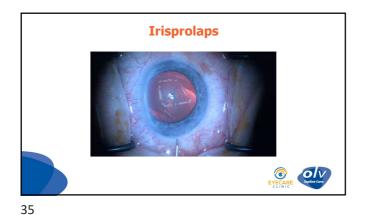




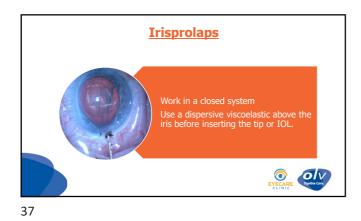


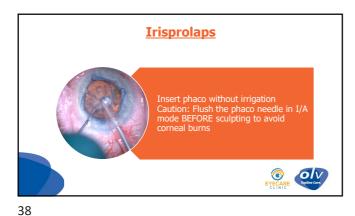


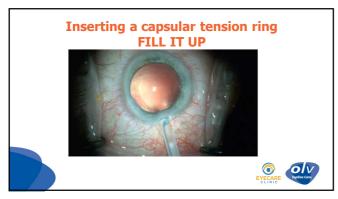




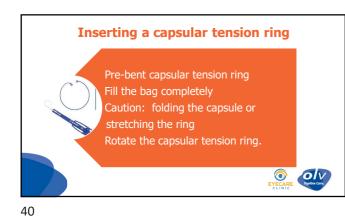






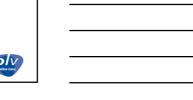




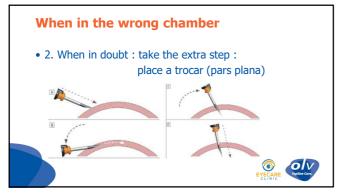


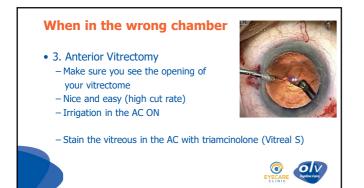








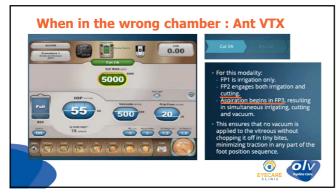






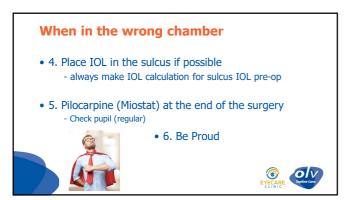
















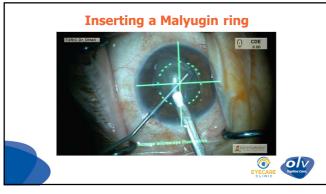






- Maintain a deep anterior chamber
- If the nucleus is present: use eventually a trocar + dispersive viscoelastic
- Consider vitrectomy if necessary.
- Reposition the nucleus above the intact capsule
- Dye the vitreous or check it through (minimal) traction

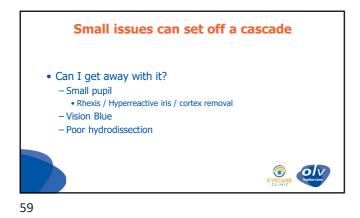


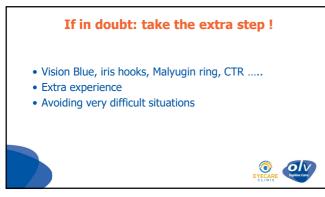










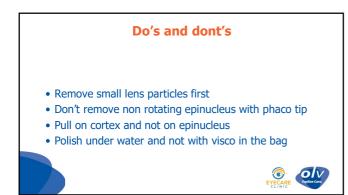


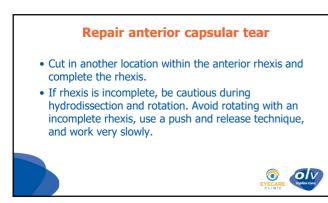
## Do's and dont's

- Be kind to your incisions(forceps)
- Standard incisions always the same
- 2,2 mm incision
- Flush
- Bimanual I/A
- Exit fast from incisions



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How to avoid an Argentinian flag ?
Maintain a deep anterior chamber
Relieve pressure in the capsular bag through paracentesis
Consider using mannitol preoperatively

Fill the capsular bag
Fill the capsular bag
Pull centripetally!
Be cautious of a pointed structure in the thexis, as it may lead to extension



