Phacoemulsification through the tough Dua's Layer in BB DALK, A thrilling experience

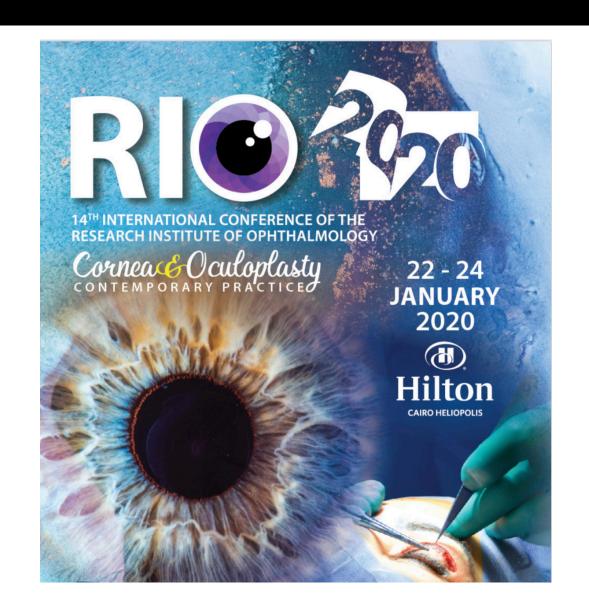












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2020

Types of Big Bubbles

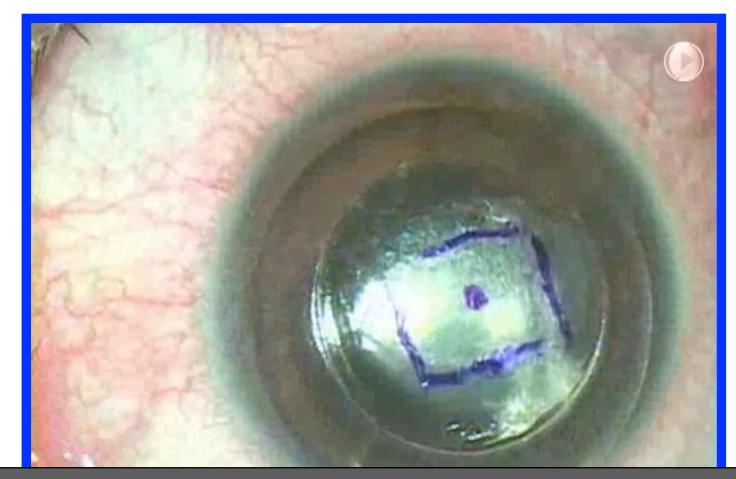
(according to Dua's Layer)

TYPE 1 BB

TYPE 2 BB



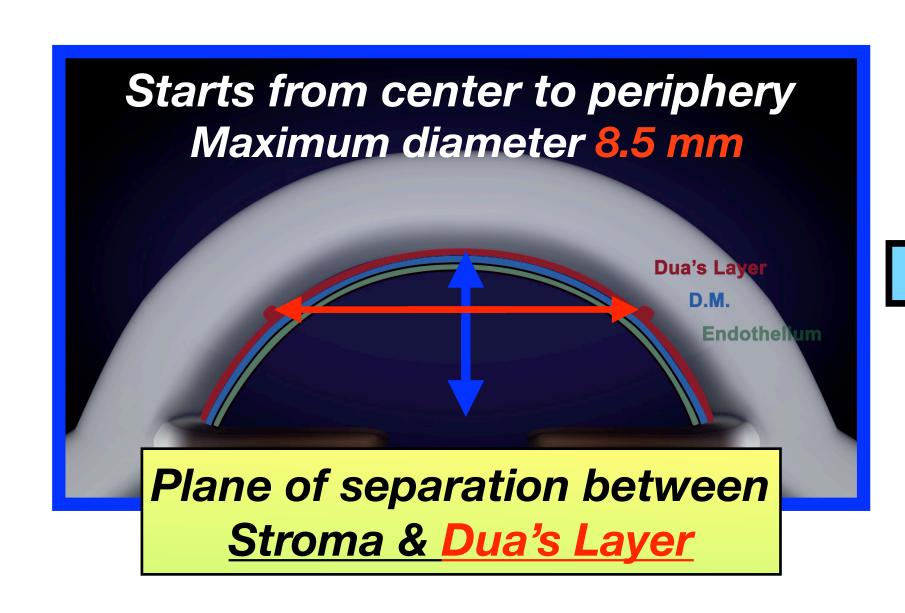
Characteristic White edge

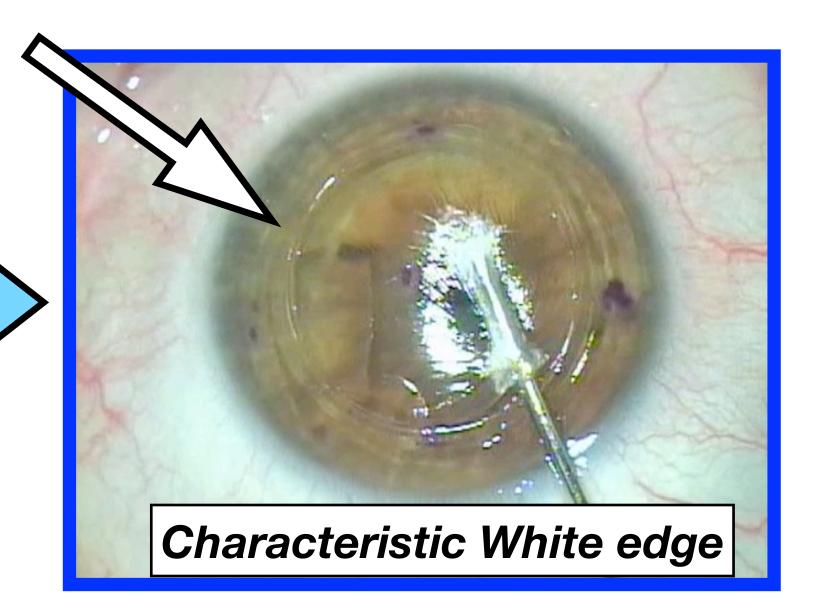


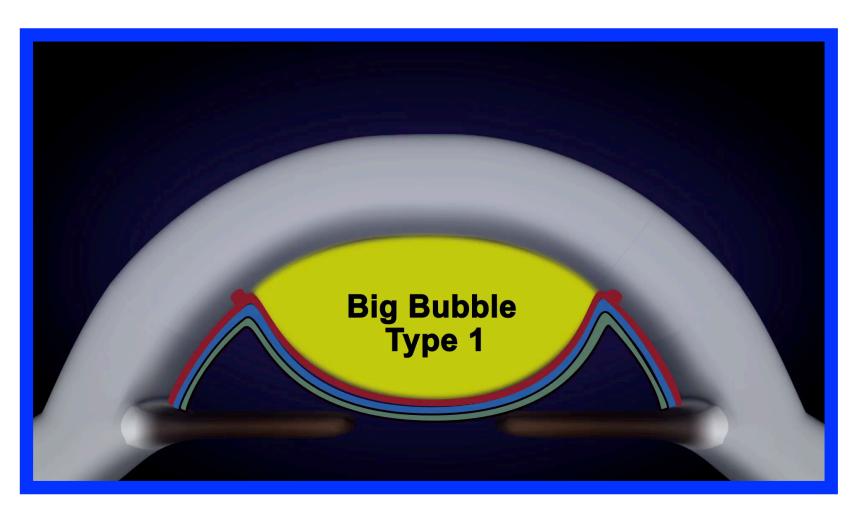
Characteristic Clear edge

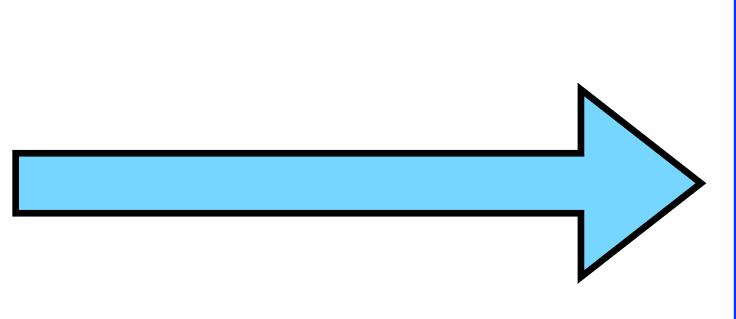


TYPE 1 BIG BUBBLE



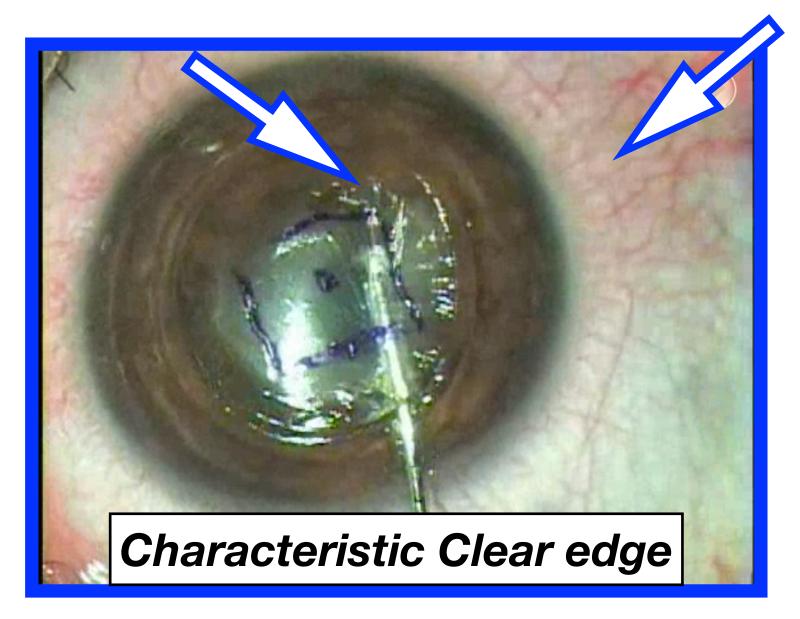








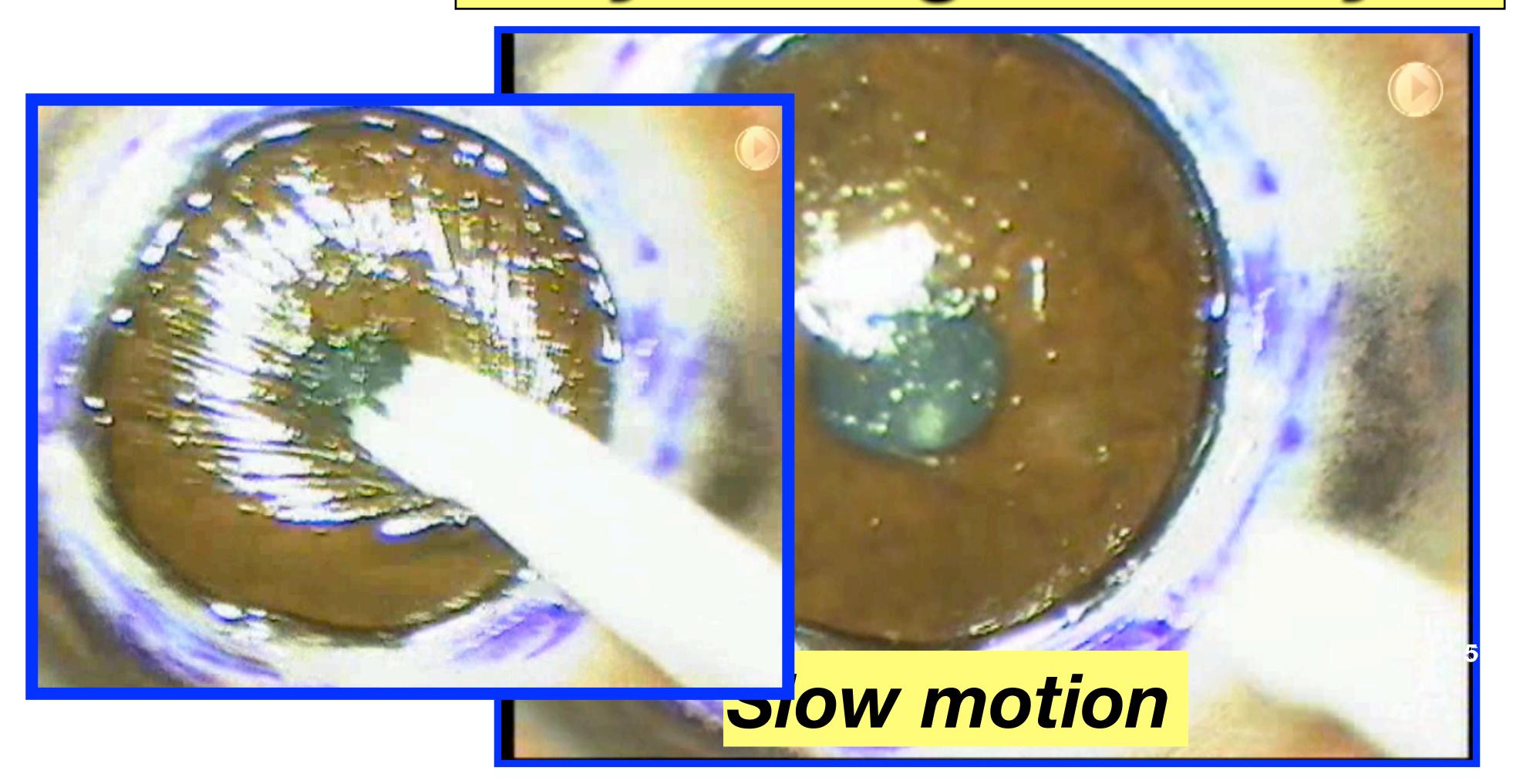
TYPE 2 BIG BUBBLE (Pre-Descematic)



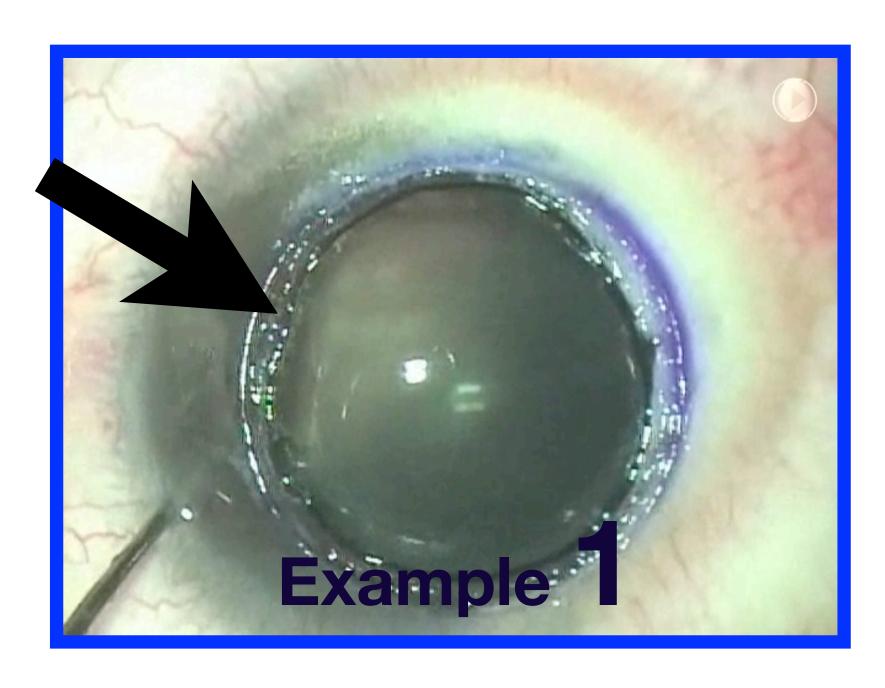


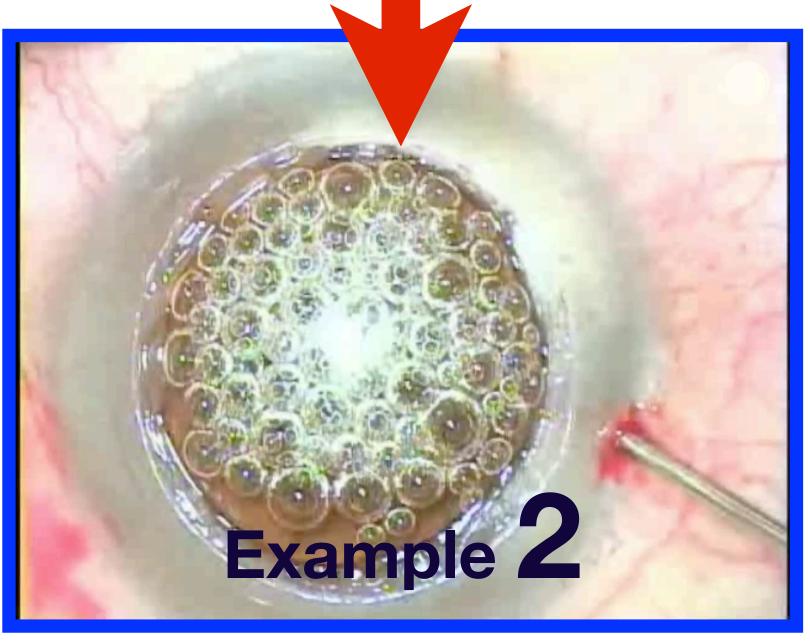
Type 1 Big bubble

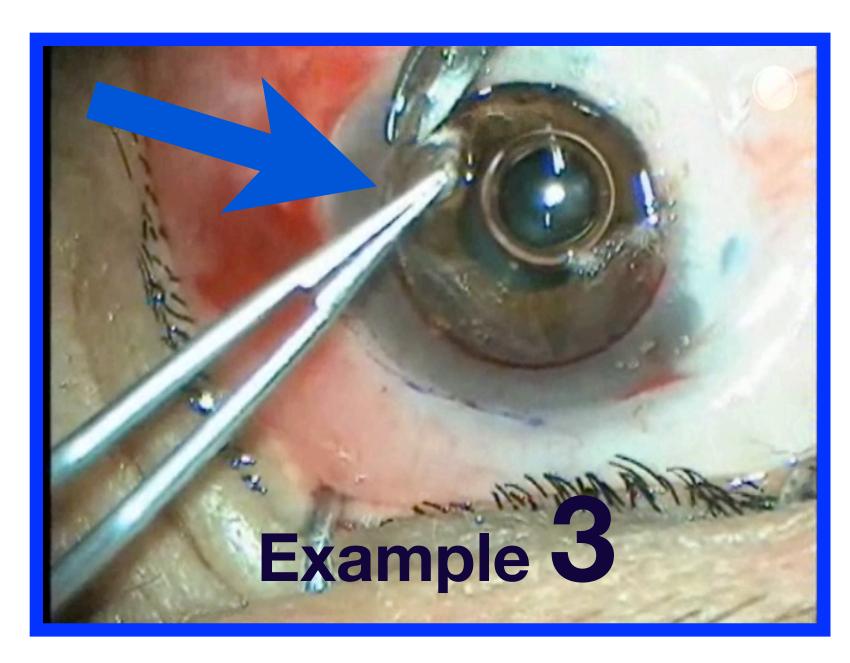
Very strong Dua's layer



Type 2 Big bubble Very fragile (Rupture D.M.)







Case

- 60 years old male patient

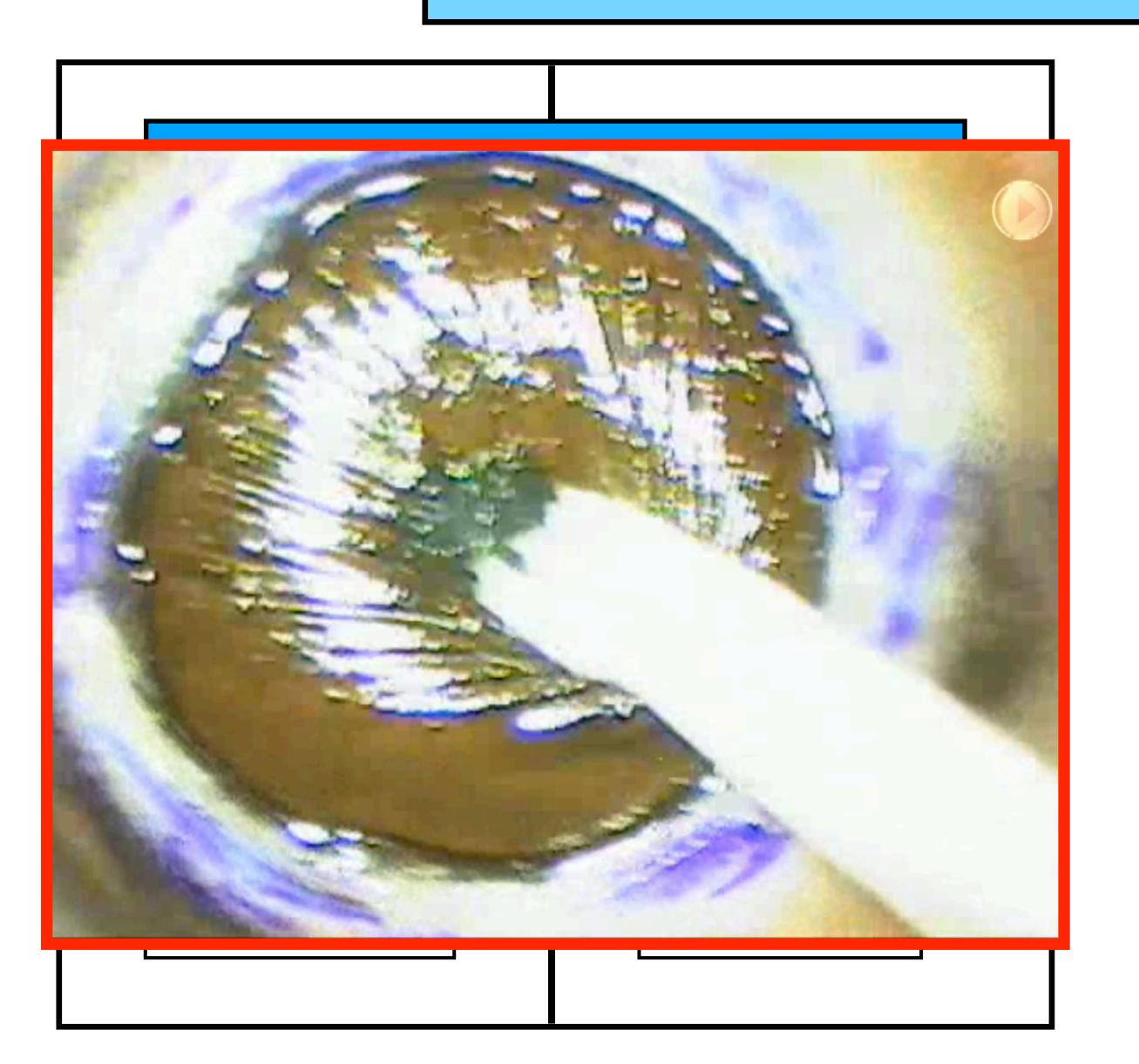
- Single eyed

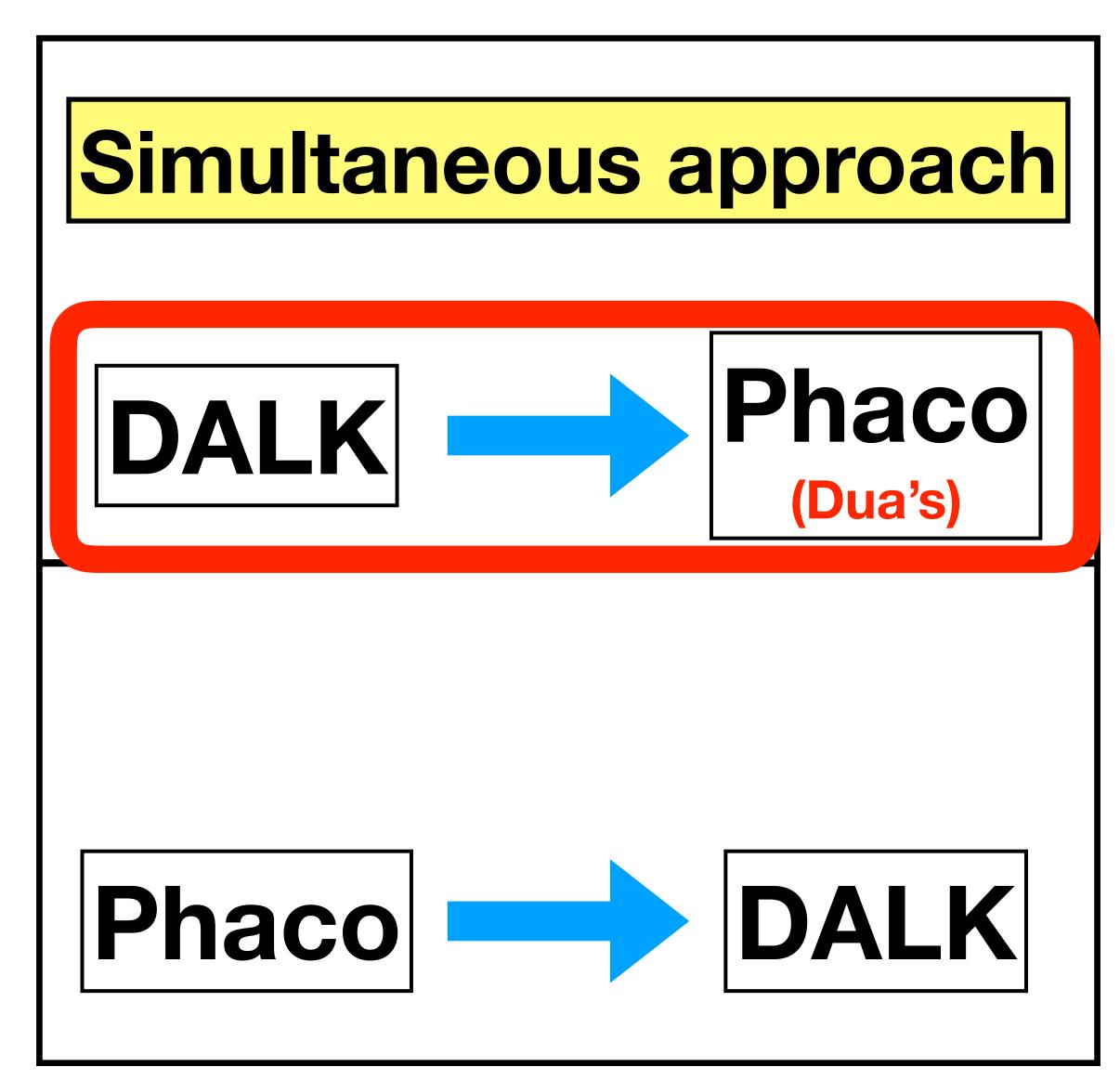
Advanced keratoconus with Nuclear +++ cataract

- Very sunken globe

- Very narrow palpebral fissure

Treatment Options





Difficulties

- 1- Very sunken globe
- 2- Very narrow palpebral fissure
- 3- DM & Dua layer perforation
- 4- Jet like stream of BSS (visibility)
- 5- Awkward position of IOL
- 6- Post-operative double A. C.

Stress of working through DM & Dua's



Thank You