

Modern one stitch ECCE

By
Prof. khaled fawzy
Zagazig university

Is there is still a place for ECCE

- When phaco is difficult , dangerous or unavailable
- Bad unclear cornea , low endoth. count
- Failed capsulorhexis , posterior capsular rupture during phaco
- Hard mature brown , black and hyper mature cataract[ideal]

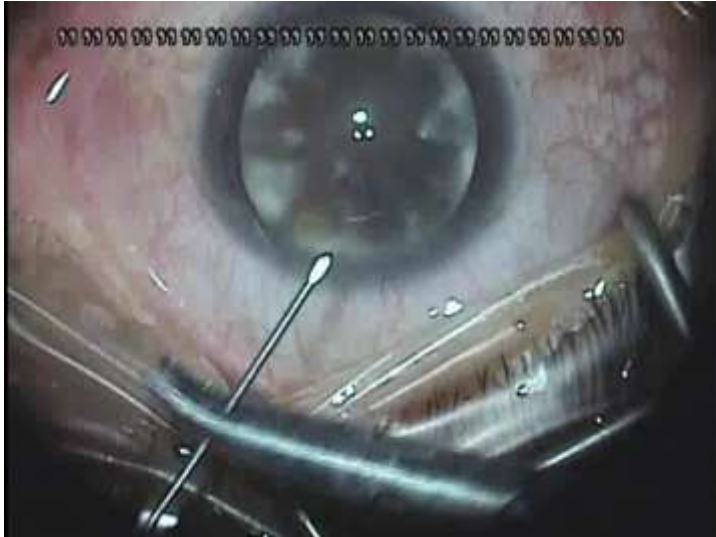
Modern ECCE

- Rapid
- Safe
- Less post op. astigmatism

steps

- Corneal valvular keratome incision
- Capsulotomy or rhexis
[6mm,circular,releasing incisions at 12 o'clock]
- Nucleus delivery with help of viscoelastic
- Irrigation aspiration[may be incomplete]
- IOL implantation[loops at 3 and 9 o'clock]
- Take one central 10\0 stitch
- Complete irrigation aspiration

Modern one stitch ECCE



Take home messages

- ECCE is the back up technique for cataract surgeons
- Following the steps described we can do rapid ,safe , less astigmatic ECCE
- in the era of phaco and laser cataract surgery please do not forget to master ECCE



Thank you