

المؤتمر السنوي الدولي للجمعية المصرية  
INTERNATIONAL CONGRESS OF THE

EGYPTIAN OPHTHALMOLOGICAL SOCIETY

**EOS 2023**



# Cataract Complications Symposium

**Prof. Hosam El-Fallal, MD**

Mansoura Ophthalmology Center

Mansoura University



1

## Case 1



EOS 2023



2



EOS 2023

3

## Case 2

### Refractive Surprise

- Straight forward phaco.
- Planned IOL: + 21.0 D.
- Post op. Rx.: +6.0



EOS 2023

4

## Refractive Surprise

### Workup:

- 2 D or less → Corneal refractive surgery.
- More than 2 D:
  - Piggyback IOL.
  - IOL Exchange.



5

### Piggyback IOL advantages:

- Easier.
- Faster.
- Safer:
  - Capsule.
  - Endothelium.

### IOL Exchange advantages:

- No pupillary block.
- No pigment dispersion.



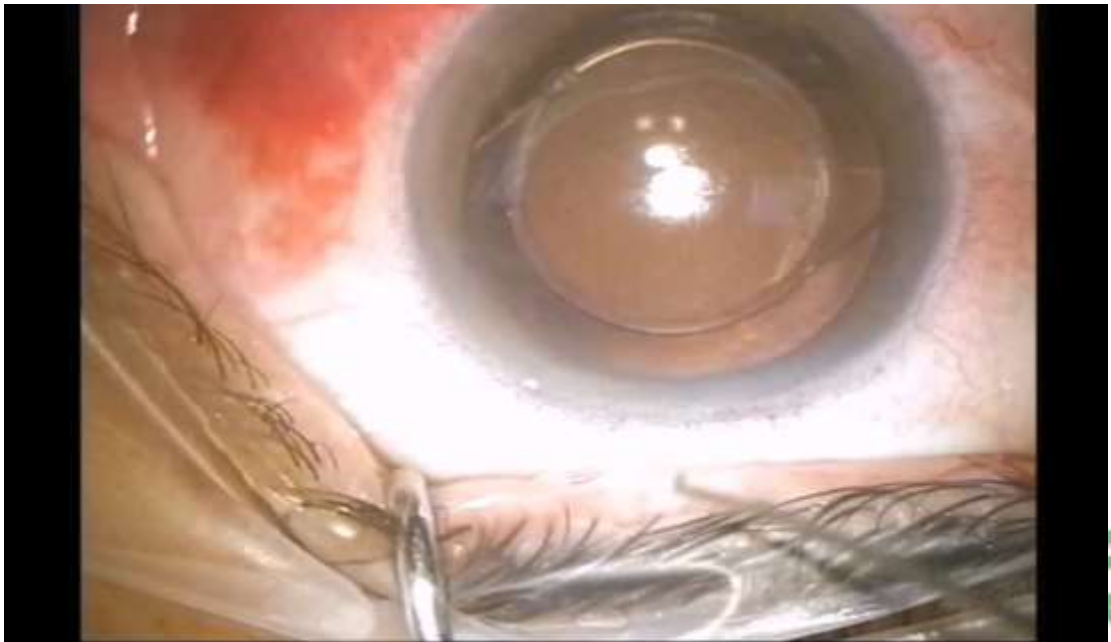
6

## Secondary piggyback IOL calculation:

- **Hyperopia = 1.5 X (RX + intended).**
- **Myopia = 1.25 X (RX + intended ).**



7

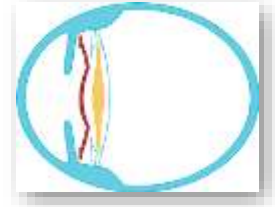


8

## Surgery

### Criticism:

- **Ideal piggyback**
  - Angulated.
  - Round edge.
  - Convex-Concave.
  - Non stiff haptics.



### Current IOL:

- Sulcoflex.
- Add-on.
- 1<sup>st</sup> Add-on.



9



# THANK YOU

*See you next year*

المؤتمر السنوي الدولي للجمعية الرمدية المصرية  
INTERNATIONAL CONGRESS OF THE

**EGYPTIAN  
OPHTHALMOLOGICAL SOCIETY**

**EOS 2024**

24-26 APRIL 2024

InterContinental Citystars, Cairo, Egypt



10