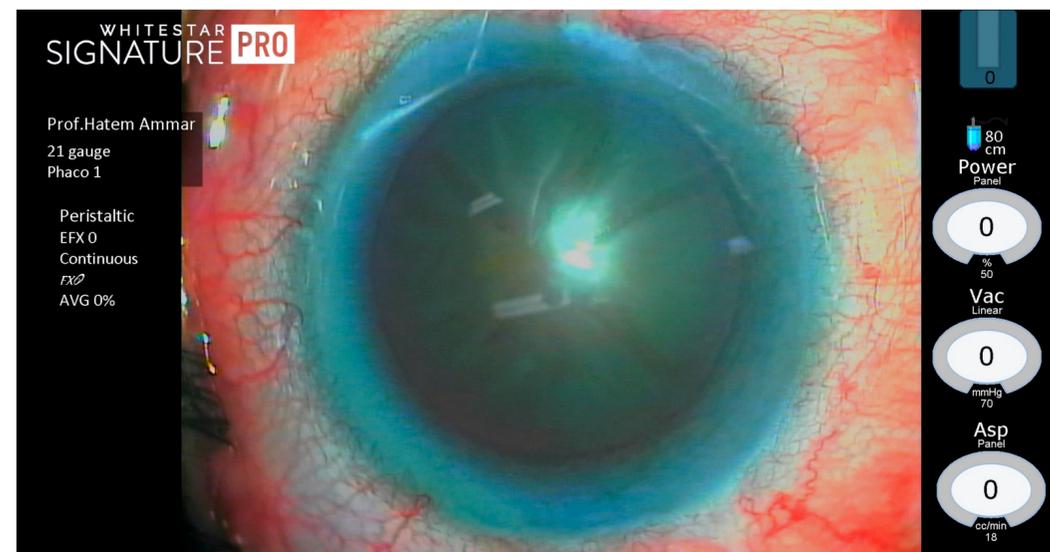


My Top 5 Pearls in Rock Hard Cataract

Hatem Ammar (MD, PhD)

Professor and Head of Ophthalmology Department
Sohag University

Board Member of The EOS, ESOIRS, MEOM
Egypt



Financial Disclosure

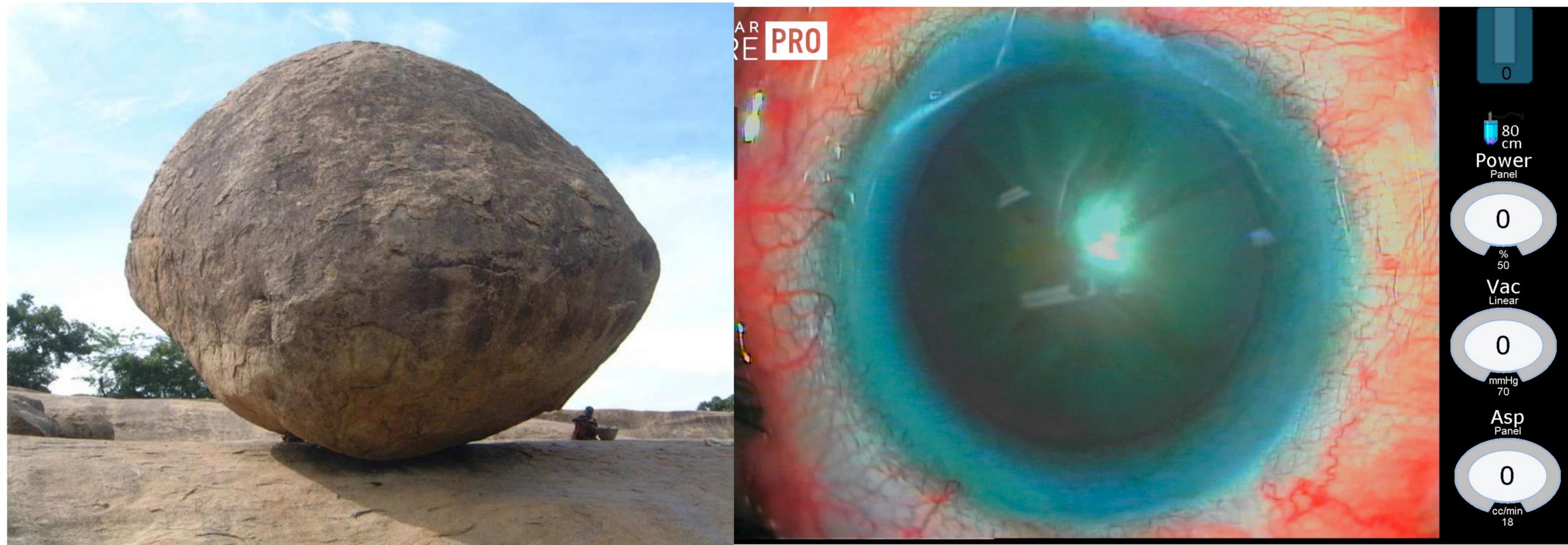
Speaker to :

- Alcon Laboratories
- J&J
- Novartis
- Orchidia
- Eva Pharma



But No Financial Interest

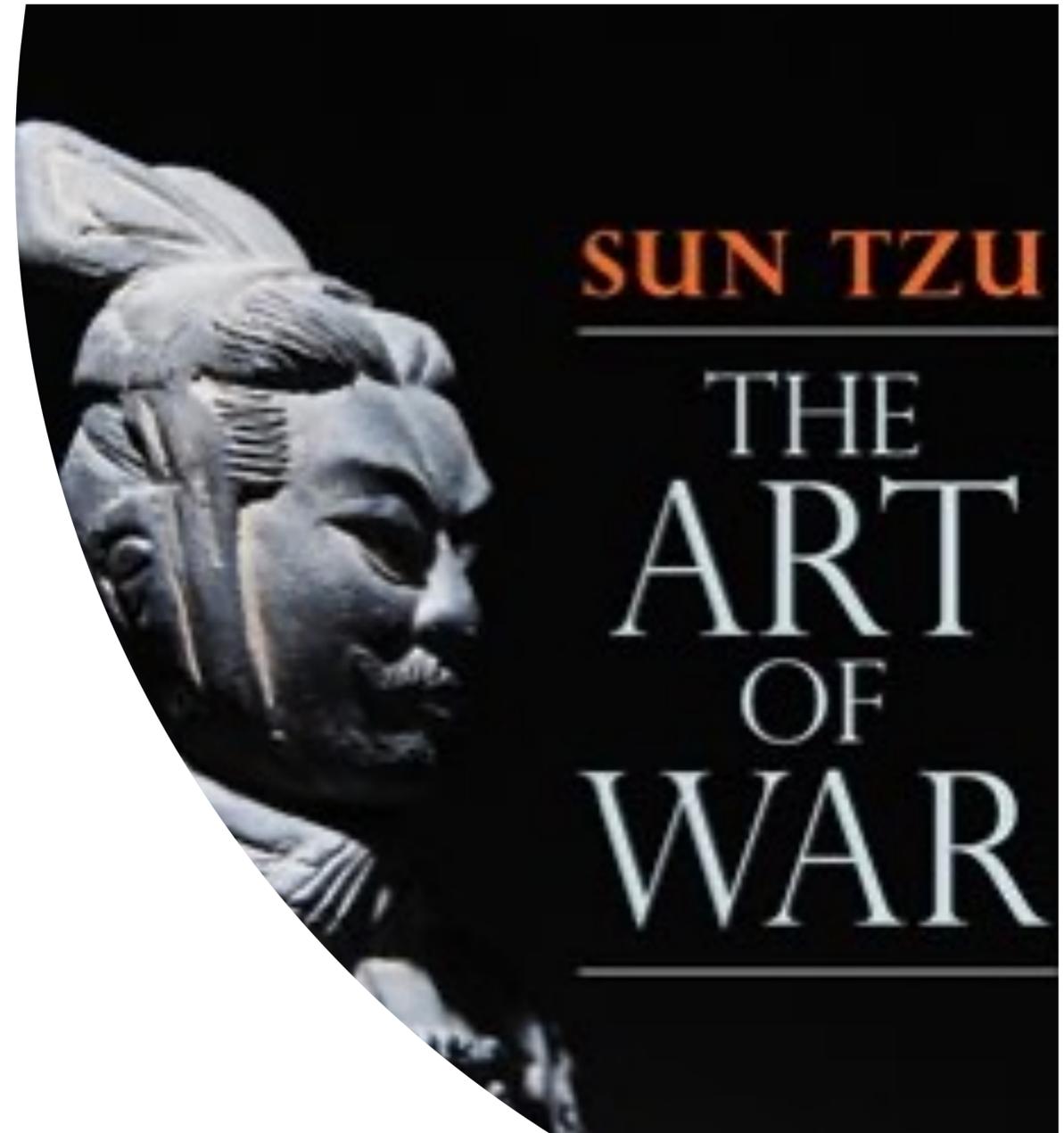
Dealing with rock hard cataract represents a **real challenge** to any Phaco surgeon regardless of his experience



Sun Tzu wrote in The Art of War:

“Know your enemy and know yourself and you can fight a hundred battles without disaster.”

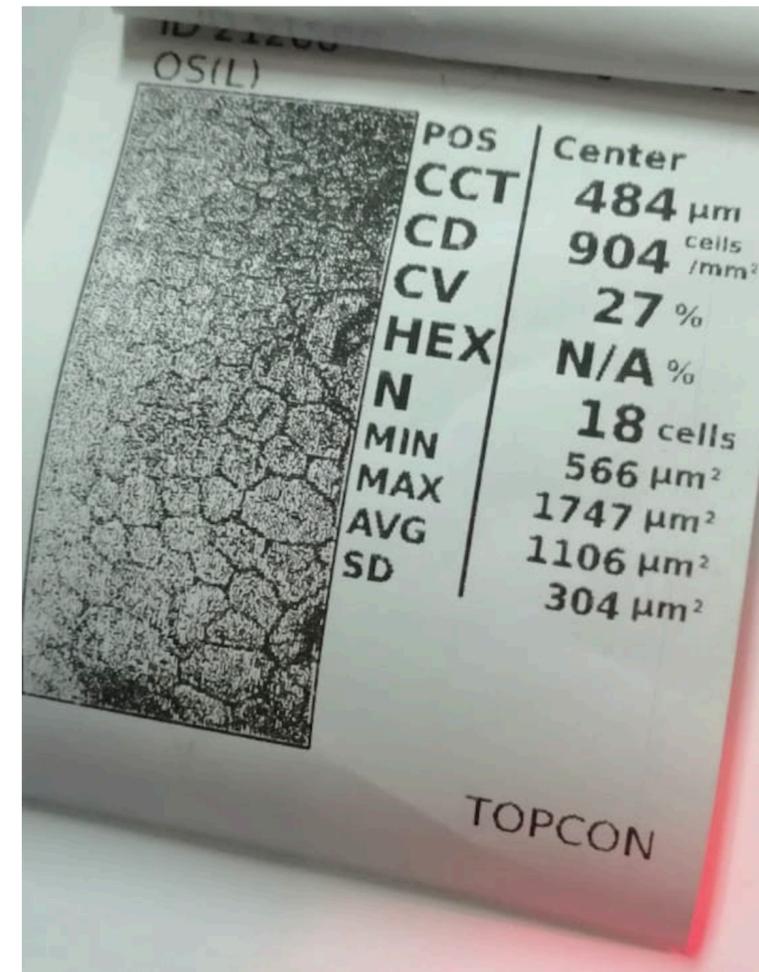
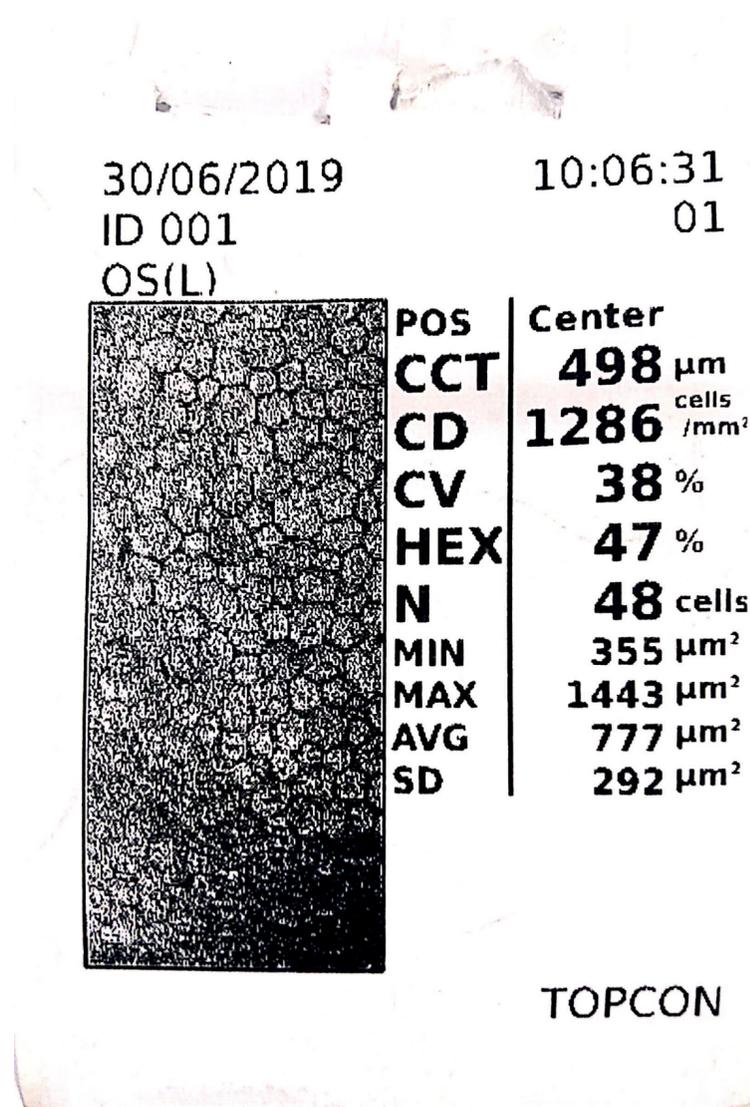
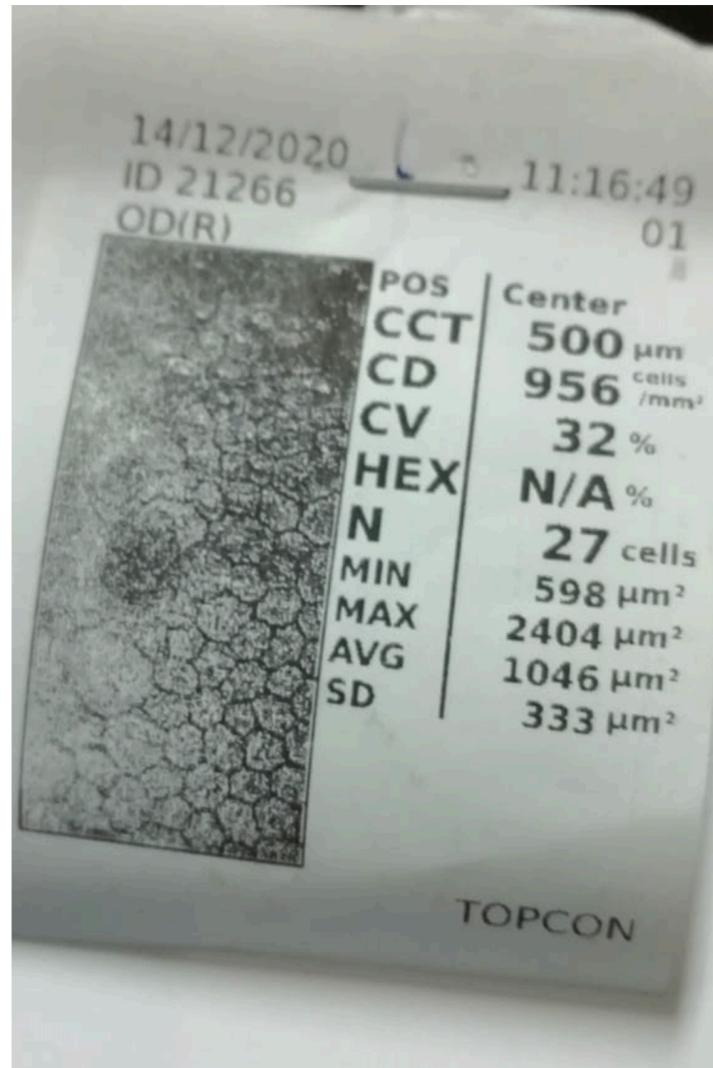
I would apply the same thinking to this type of surgery: **first understand** what you’re dealing with, **then plan** to conquer accordingly.



Pearl No. 1

Meticulous Pre & intra-operative evaluation:

- Corneal endothelium and specular microscopy
- Pupil dilatation
- Zonular condition
- Nuclear density



Pearl No. 2

Liberal use of Dispersive OVD

- Soft shell technique
- Repeated injection intraoperative

WHITESTAR
SIGNATURE **PRO**

Prof.Hatem Ammar

21 gauge

Phaco 1

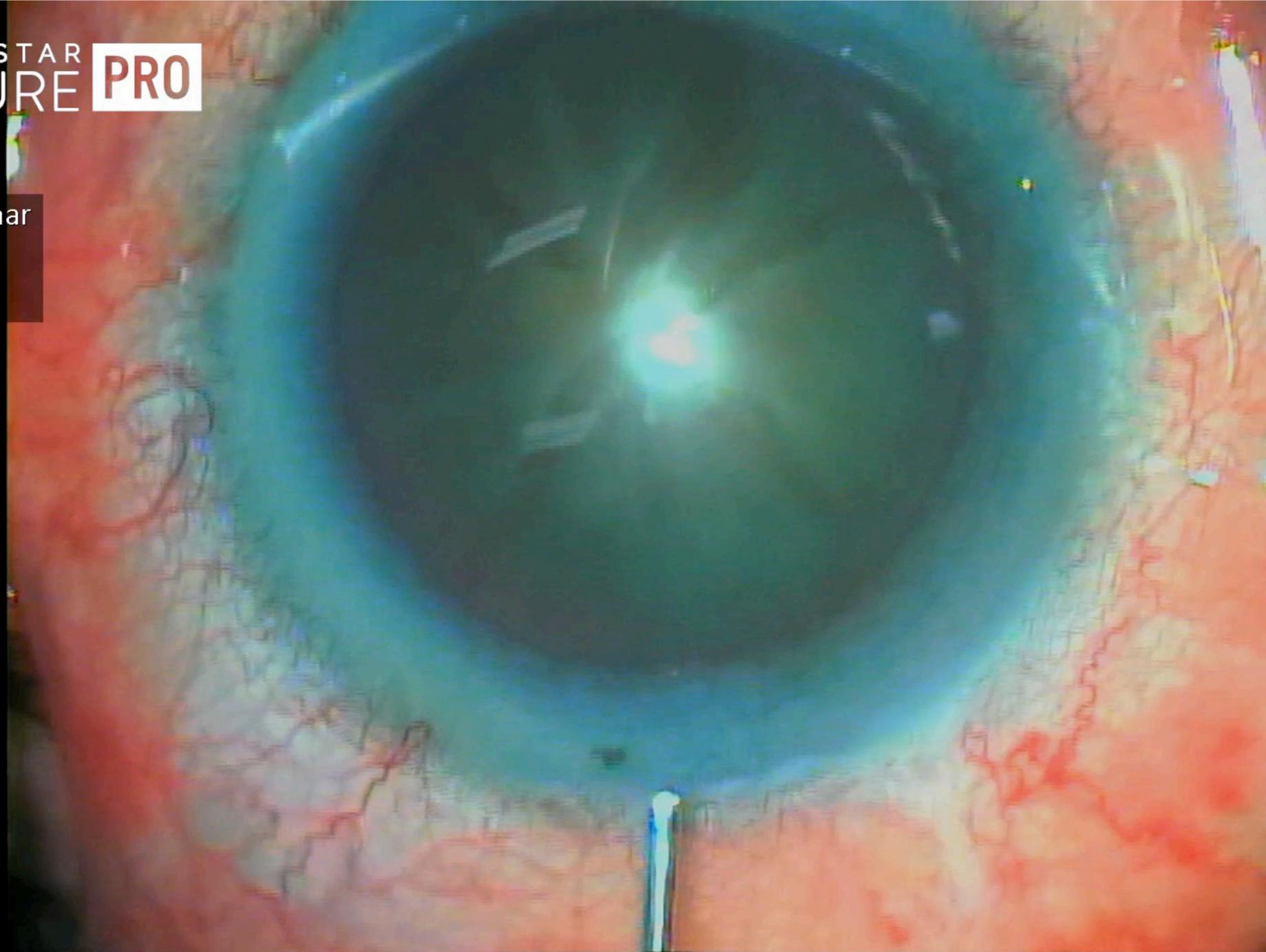
Peristaltic

EFX 0

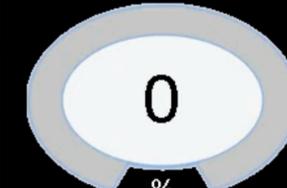
Continuous

FX0

AVG 0%



Power
Panel



%
50

Vac
Linear



mmHg
70

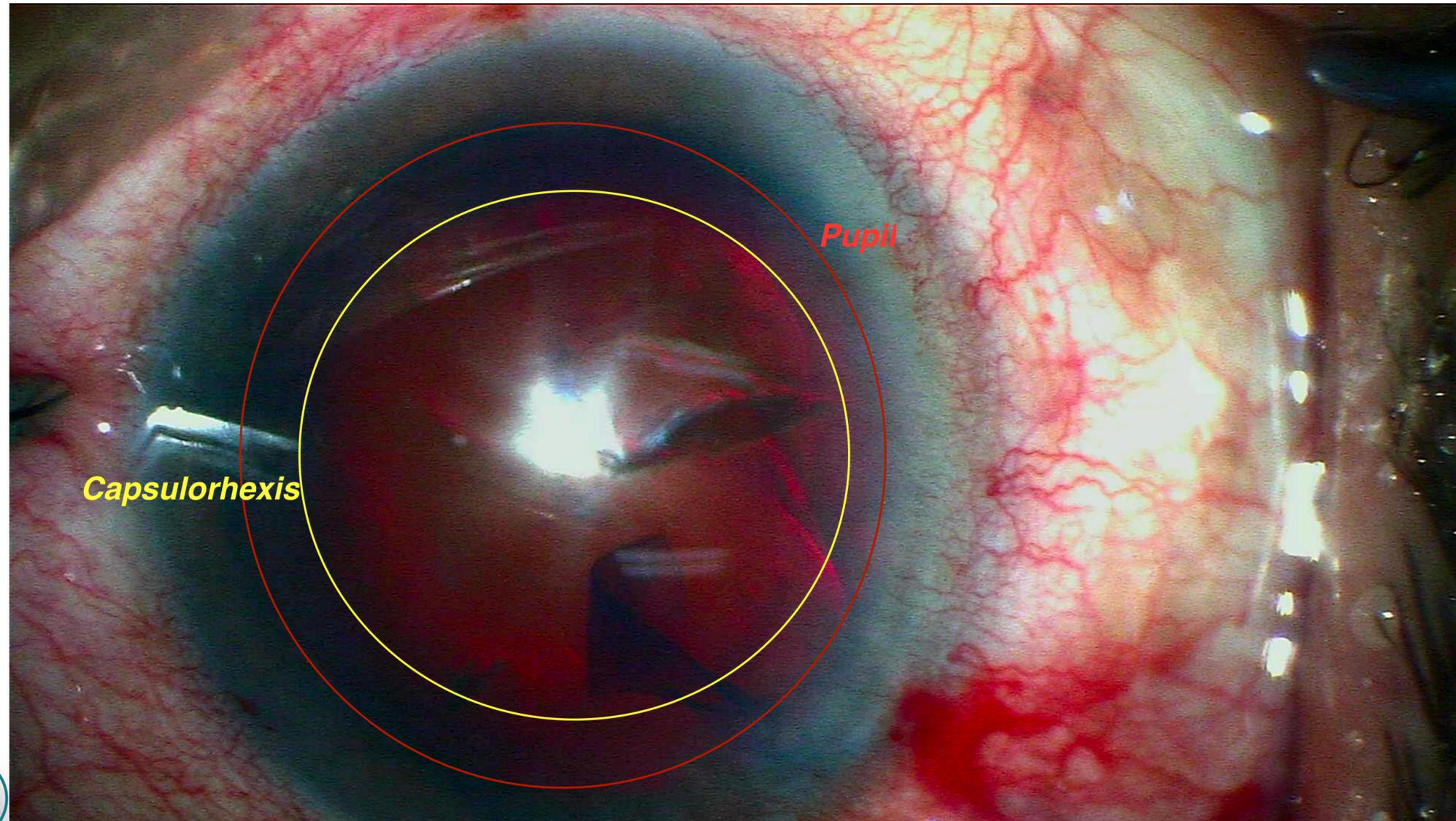
Asp
Panel

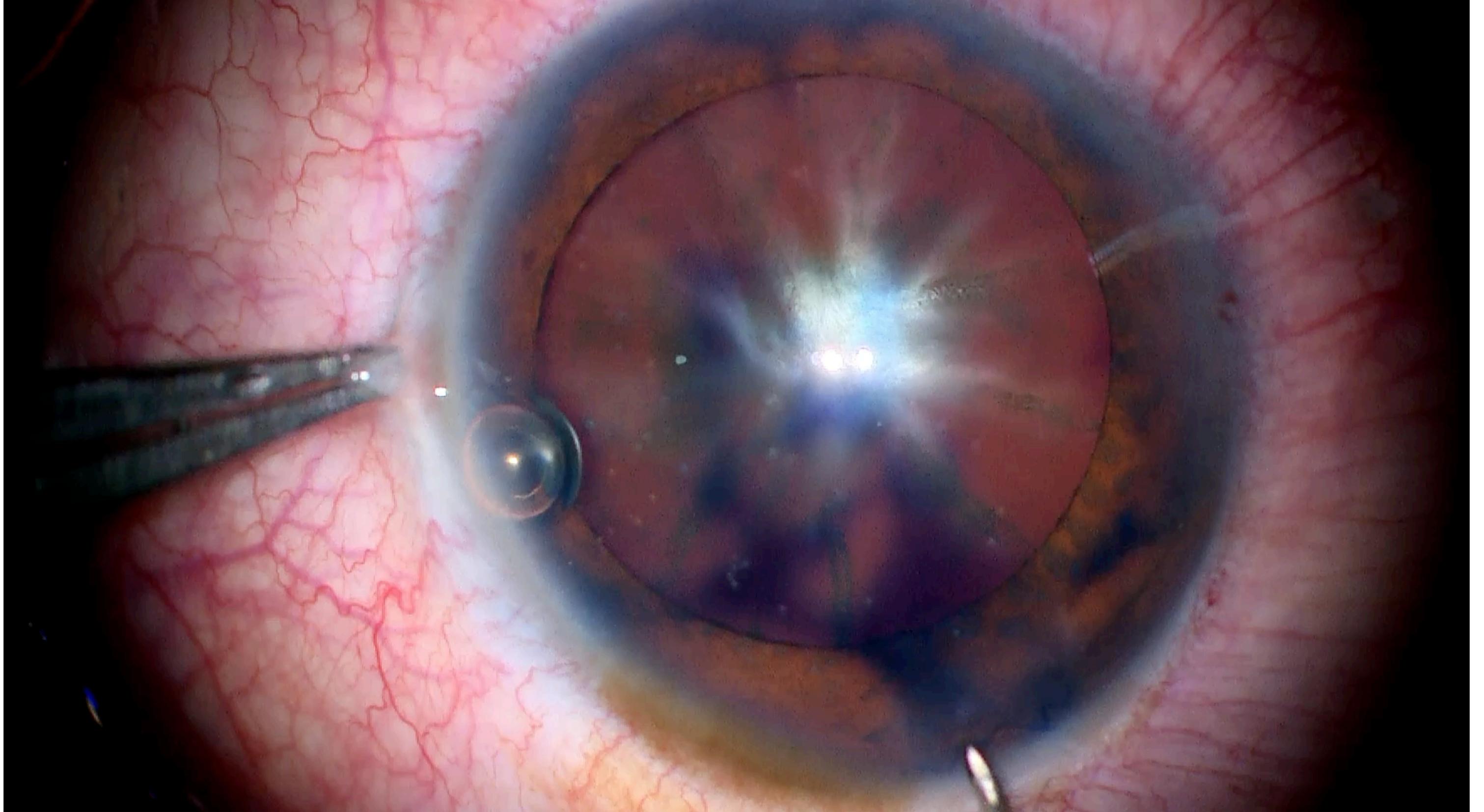


cc/min
18

Pearl No. 3

Large Capsulorhexis

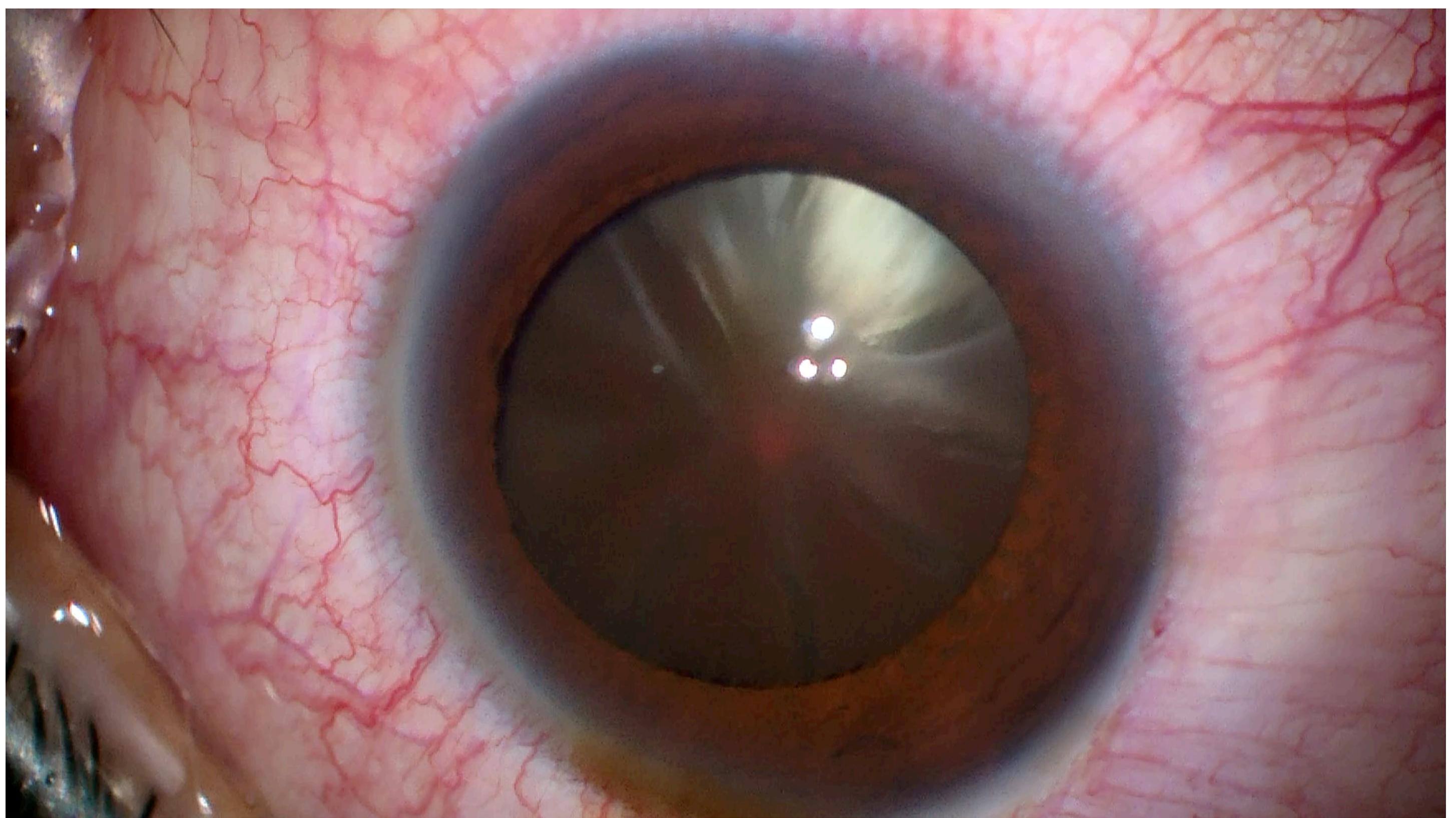




Pearl No. 4

The best Phaco technique is :

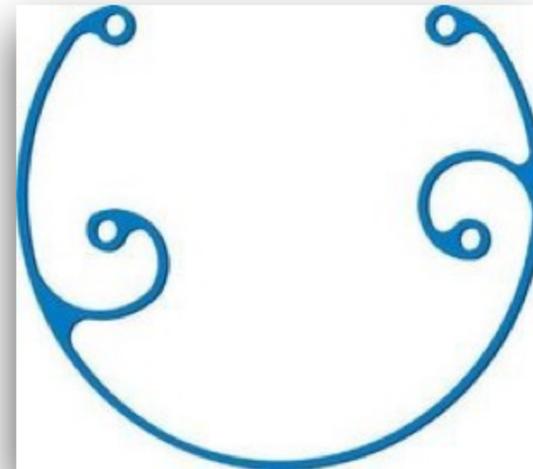
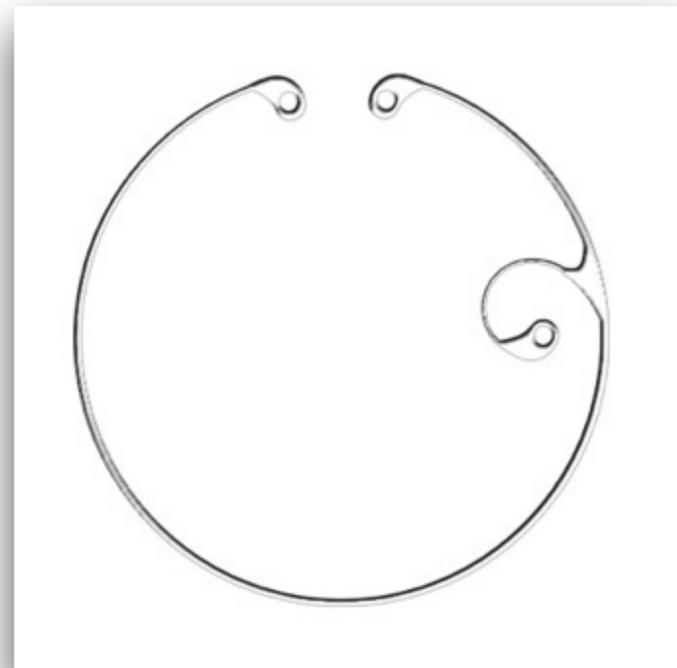
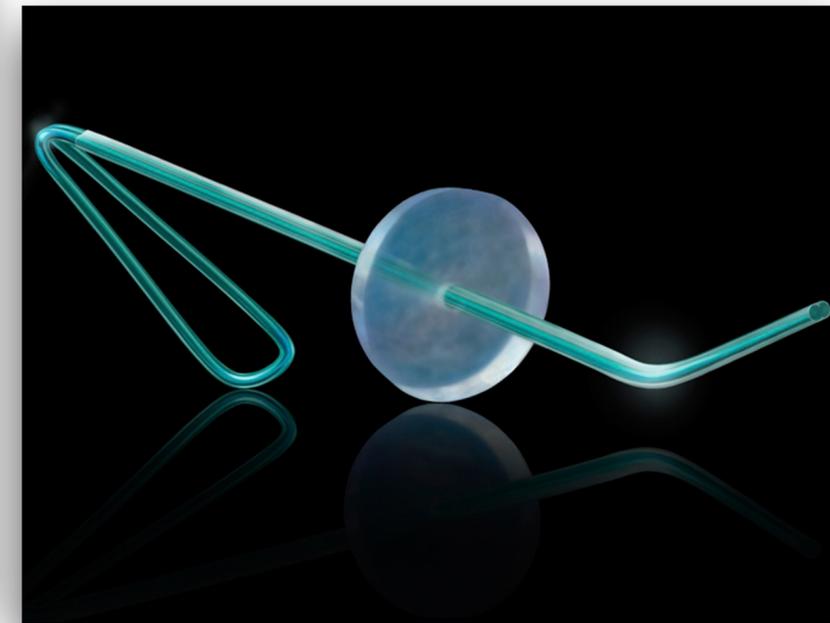
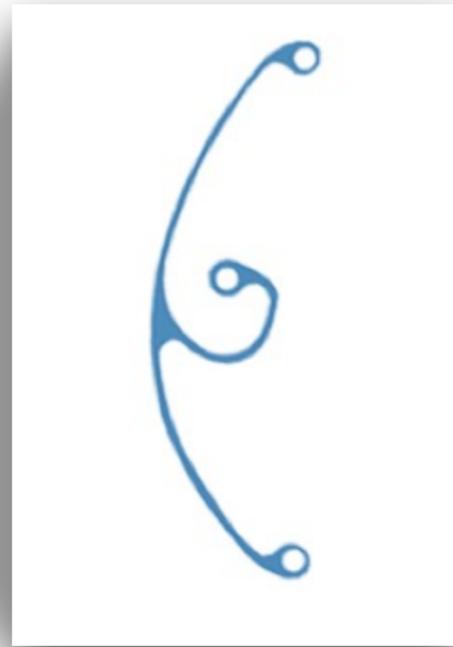
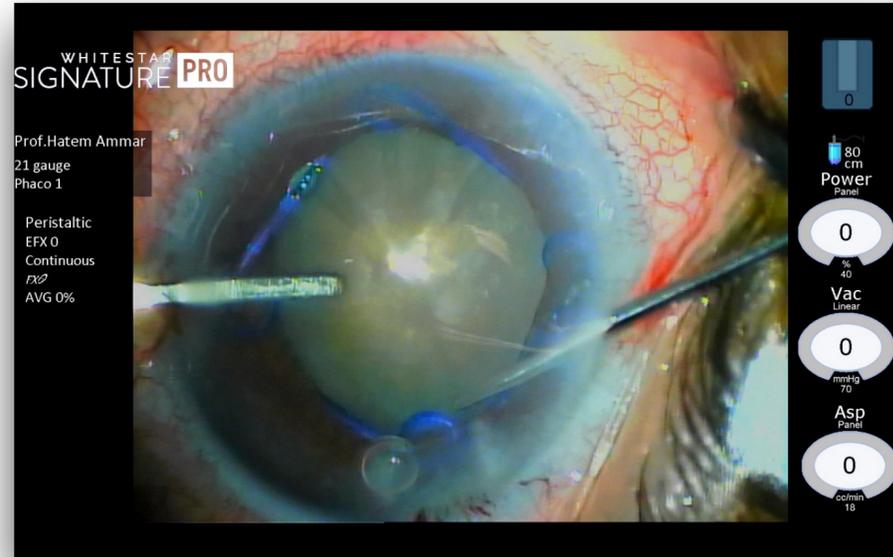
The technique you master



Pearl No. 5

Always be ready for any Challenges or Complications :

- Malyugun ring, iris hooks
- Capsular hooks
- CTR, Cionni ring,..
- Another phaco tip size
- Plan B



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Prof. Hatem Ammar

Power
Panel

0

%
40

Vac
Linear

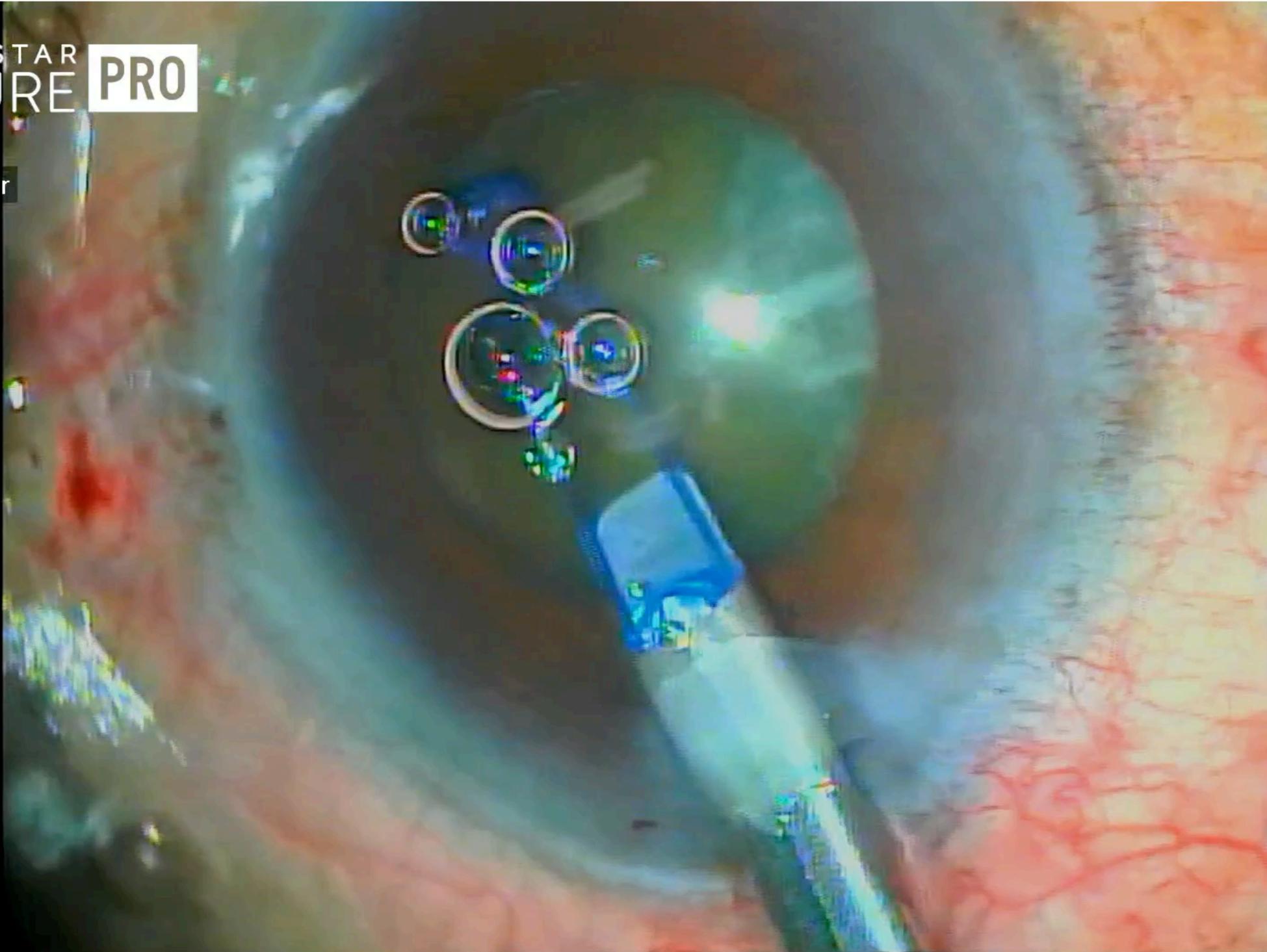
0

mmHg
70

Asp
Panel

0

cc/min
18



Peristaltic
EFX 0
Continuous
FX0
AVG 0%

WHITESTAR SIGNATURE PRO

Prof.Hatem Ammar

Power
Panel

0

%
40

Vac
Linear

0

mmHg
70

Asp
Panel

0

cc/min
18

Peristaltic
EFX 0
Continuous
FX0
AVG 0%

WHITESTAR
SIGNATURE PRO

Prof. Hatem Ammar

21 gauge

Phaco 1

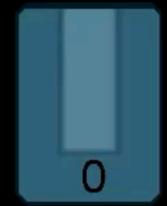
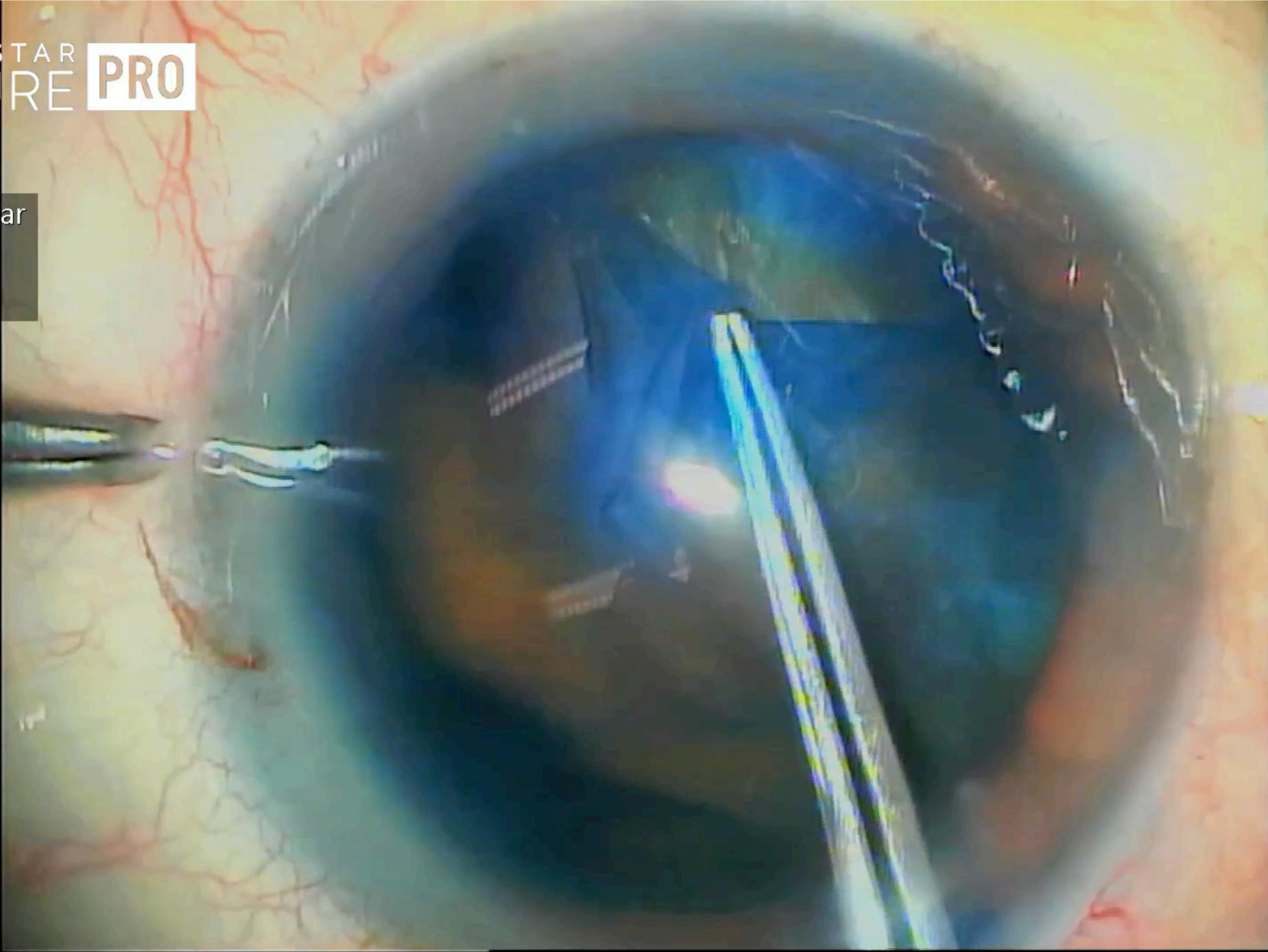
Peristaltic

EFX 0

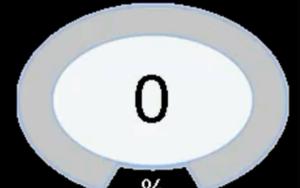
Continuous

FX0

AVG 0%

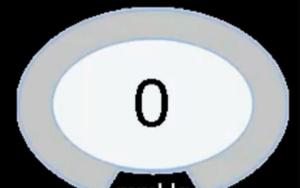


Power
Panel



%
60

Vac
Linear



mmHg
70

Asp
Panel



cc/min
18

WHITESTAR SIGNATURE PRO

Prof.Hatem Ammar

Power
Panel

0

%
50

Vac
Linear

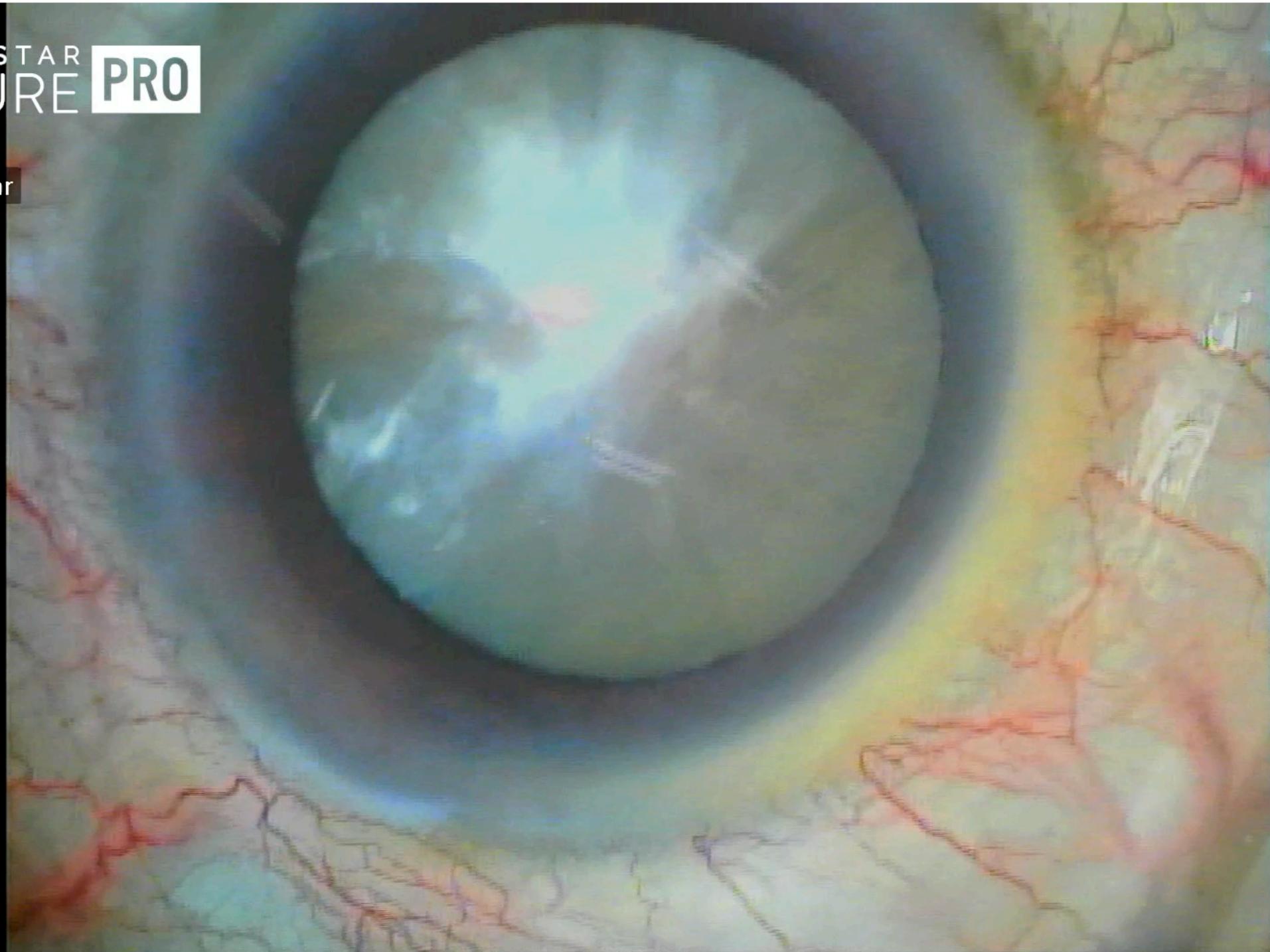
0

mmHg
70

Asp
Panel

0

cc/min
18



Peristaltic
EFX 0
Continuous
FX0
AVG 0%

Take Home Message

My Top 5 Pearls in Rock Hard Cataract:

1. Meticulous Pre & intra-operative evaluation
2. Liberal use of Dispersive OVD
3. Large capsulorhexis
4. Your mastered technique is the best one
5. Always be ready for any challenges



THANK YOU

See you next year

المؤتمر السنوي الدولي للجمعية الرمدية المصرية
INTERNATIONAL CONGRESS OF THE

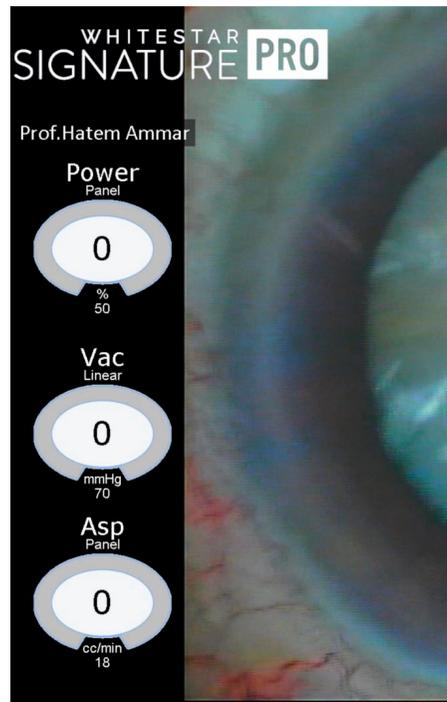
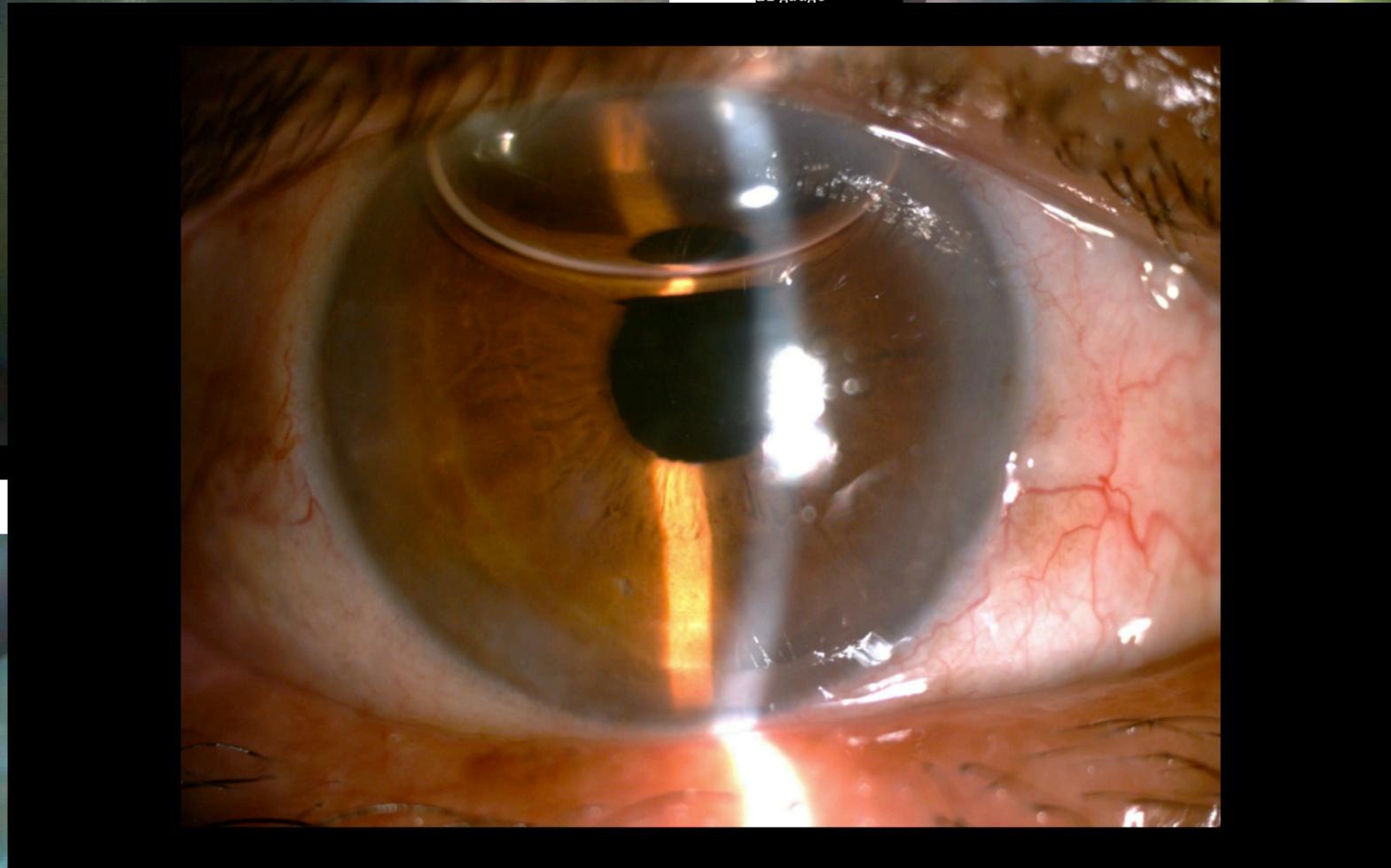
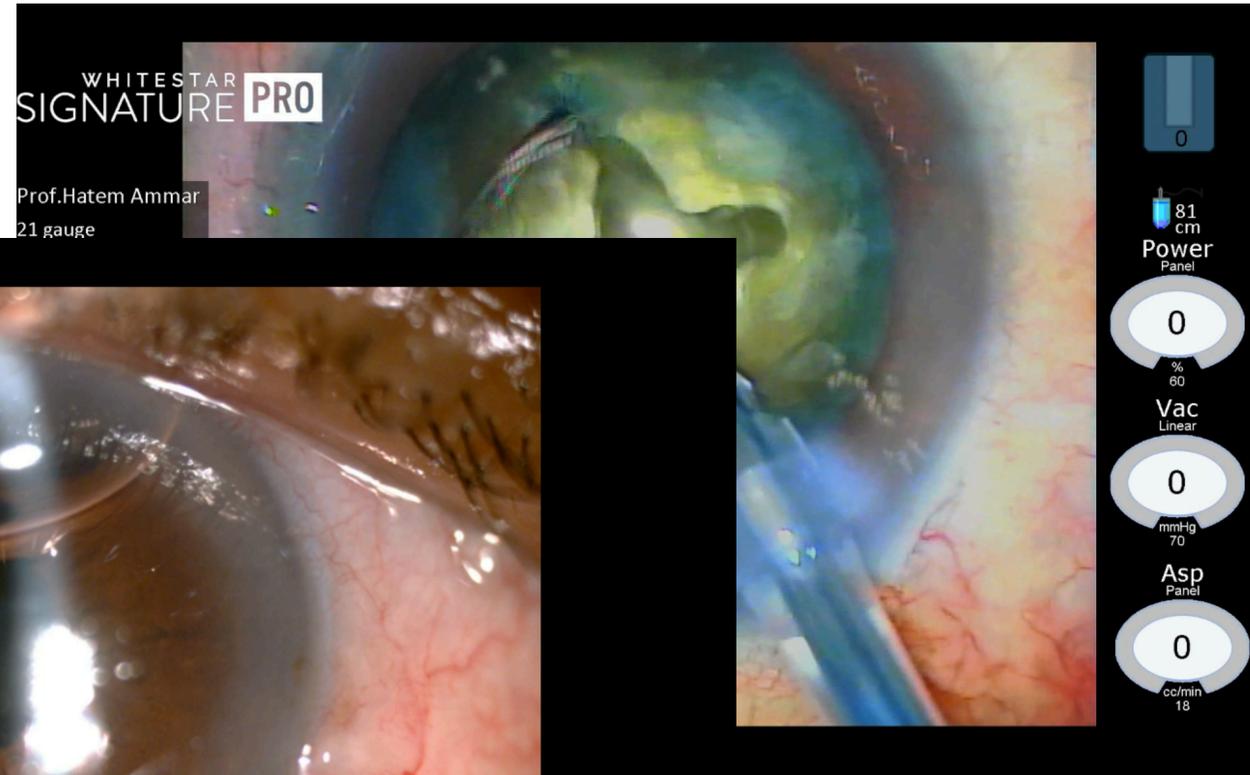
**EGYPTIAN
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EOS 2024

24-26 APRIL 2024

InterContinental Citystars, Cairo, Egypt





THANK YOU