



INTERNATIONAL CONGRESS OF THE
EGYPTIAN
OPHTHALMOLOGICAL SOCIETY

In collaboration with:



MEACO
MIDDLE EAST AFRICA
COUNCIL OF OPHTHALMOLOGY

Phaco In Rock Hard cataracts

Dr Mohamed Anbar MD

Professor Of Ophthalmology

Sohag University



I Have Nothing To Disclose

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Preoperative Assessment

Density

Condition of the zonules

Pupil dilation

Endothelial cell count and morphology..

Specular

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Operative Preparations

Cohesive & dispersive OVD's

Trypan blue dye

**Pupil dilation devices.. Iris Hooks,
Malugyan ringetc**

?? Capsular Hooks and CTR

Operative Preparations

Virectomy set...cutter , Kenacort

Three piece IOL

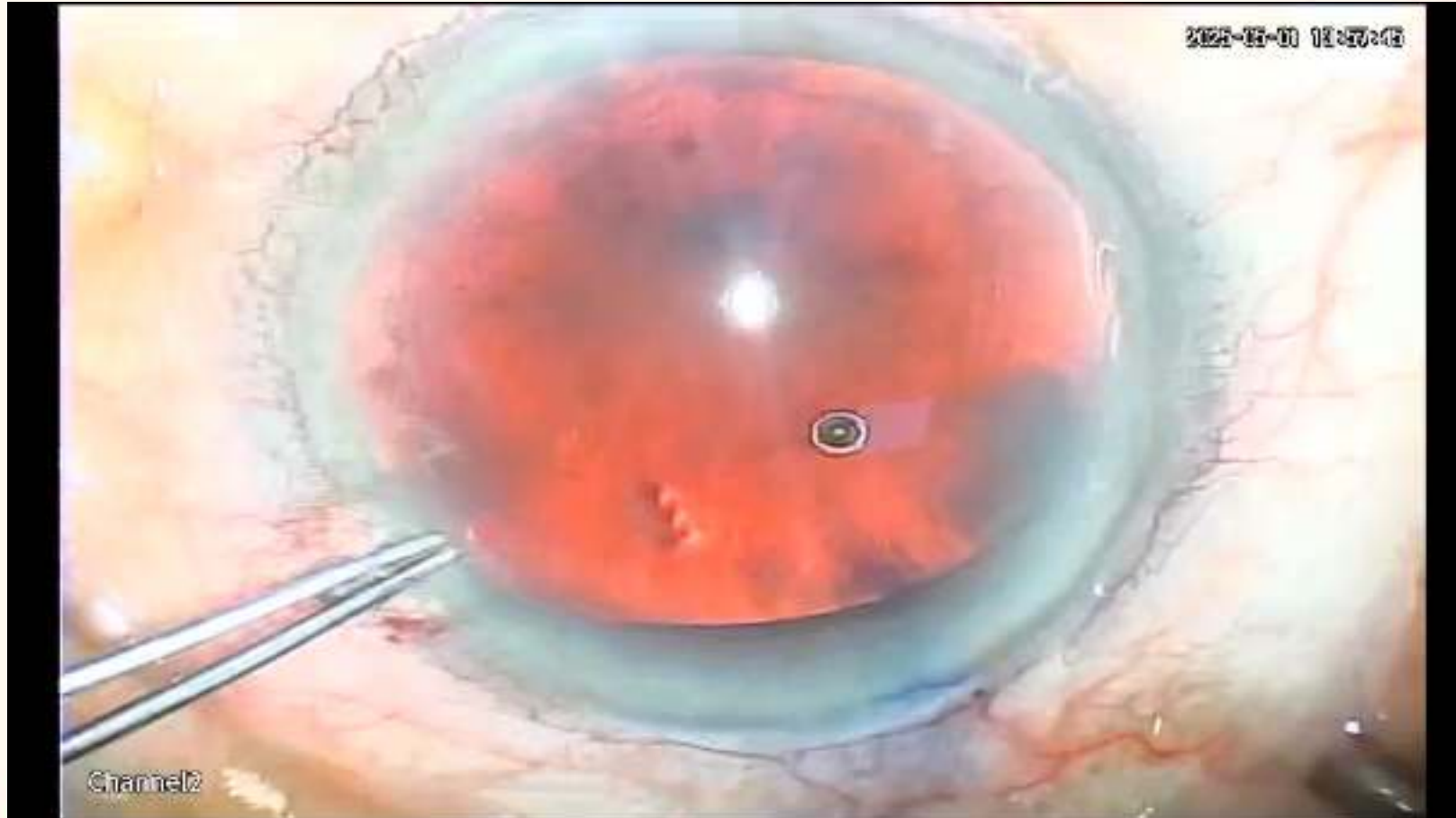
?? Be prepared for Yamane technique or other scleral fixation techniques

Nucleus Cracking

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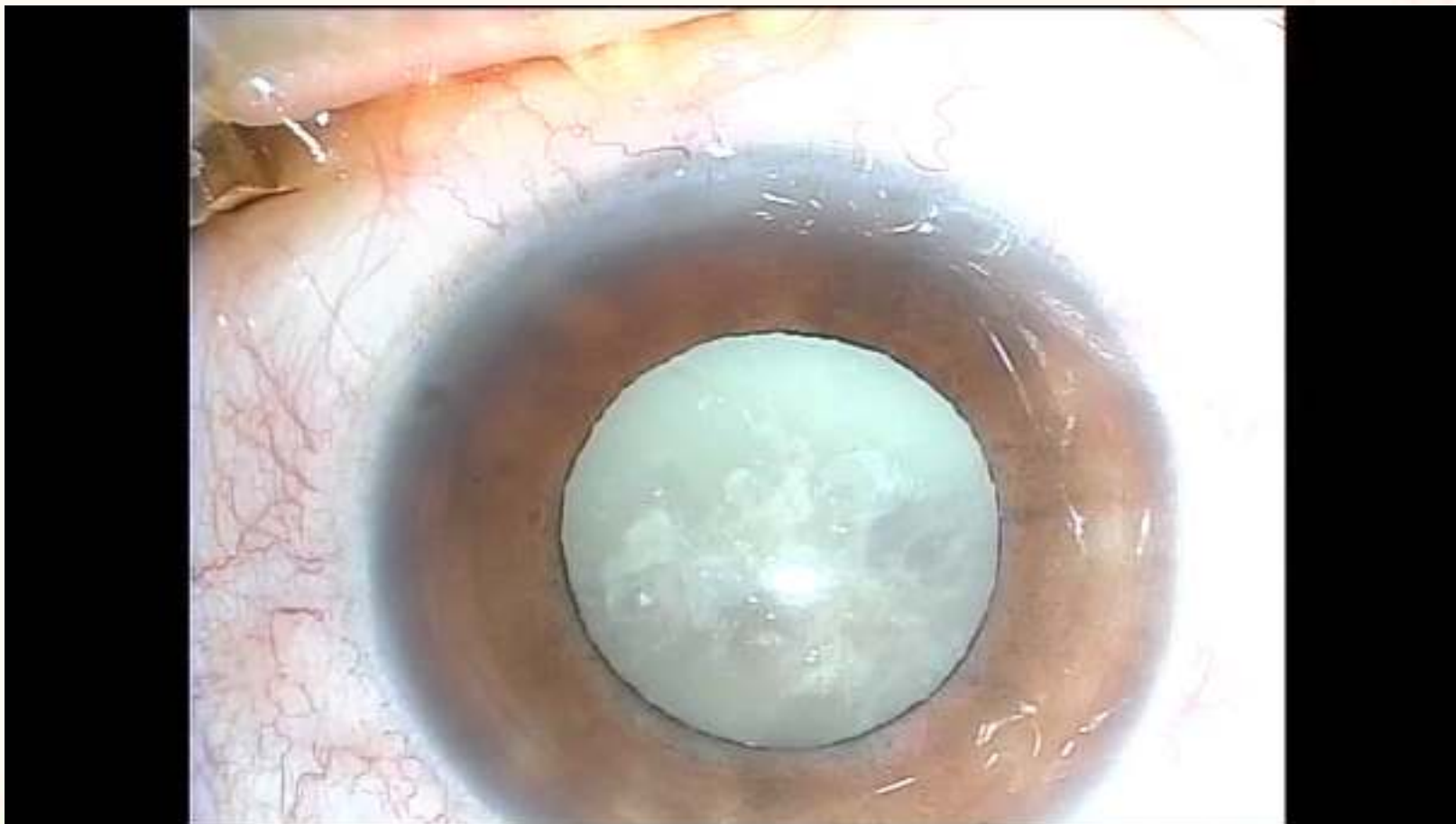
Stop & Chop



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Horizontal Chop



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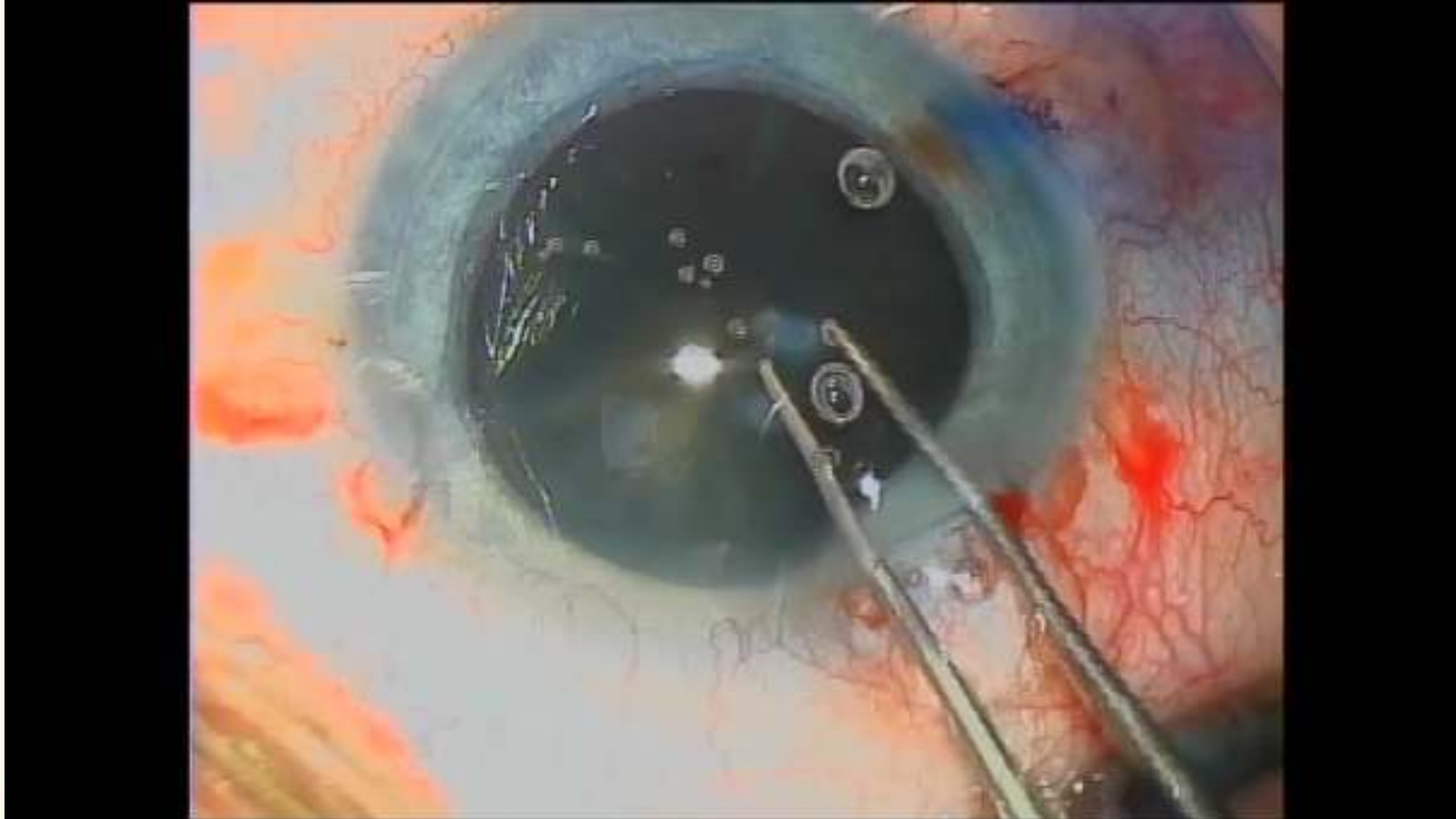
Divide & Conquer



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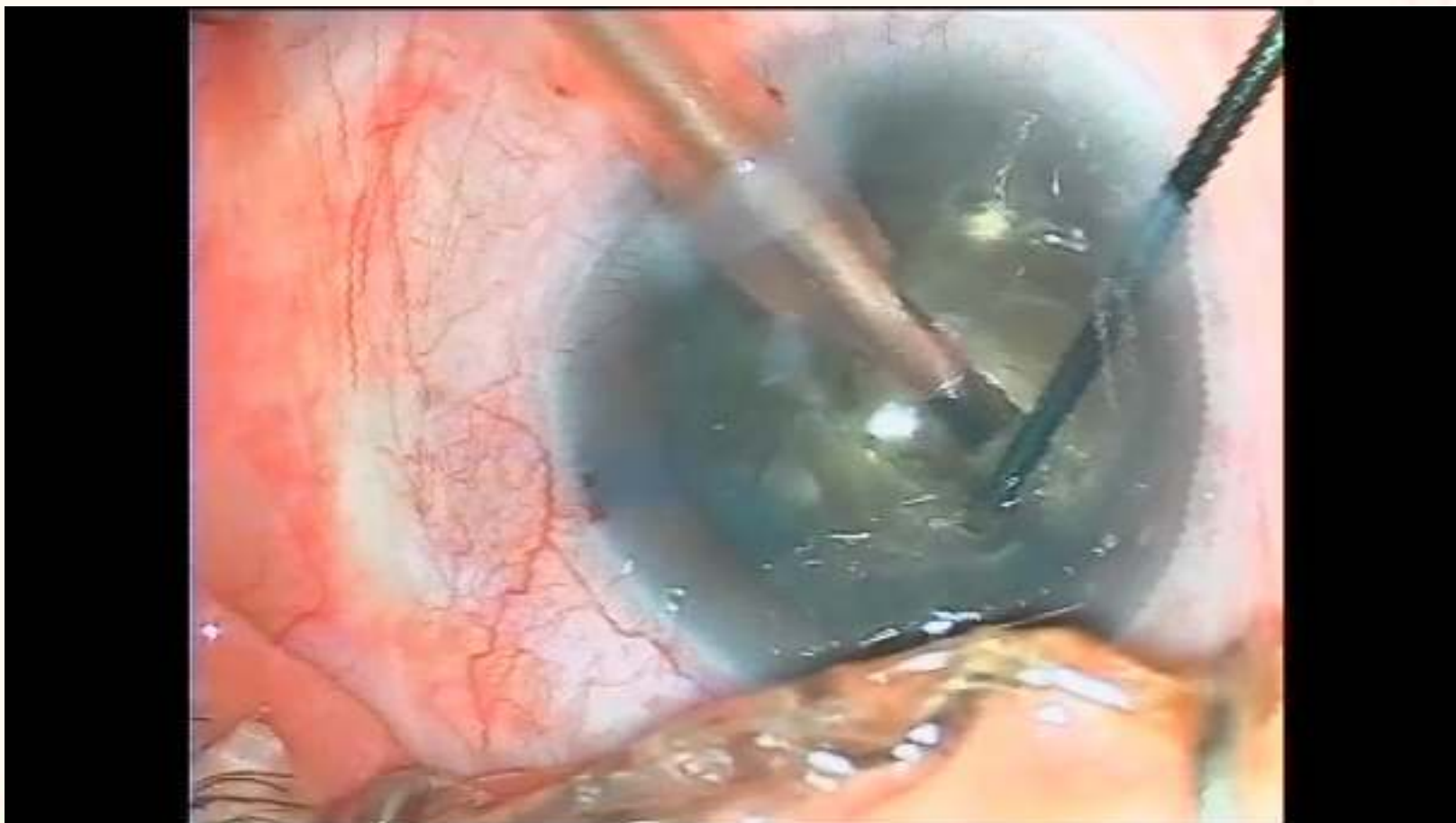
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To sum Up

Be prepared mentally and and physically

Don't start or finish your operative list with such cases

Use mechanical work to make nuclear chunks smaller will reduce ultrasound energy

Don't hesitate or shy to convert

Thank You

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