

SUBLUXIERTE LINSE ZONULOLYSE

DOC Kurs 12

Phakoemulsifikation für
Fortgeschrittene

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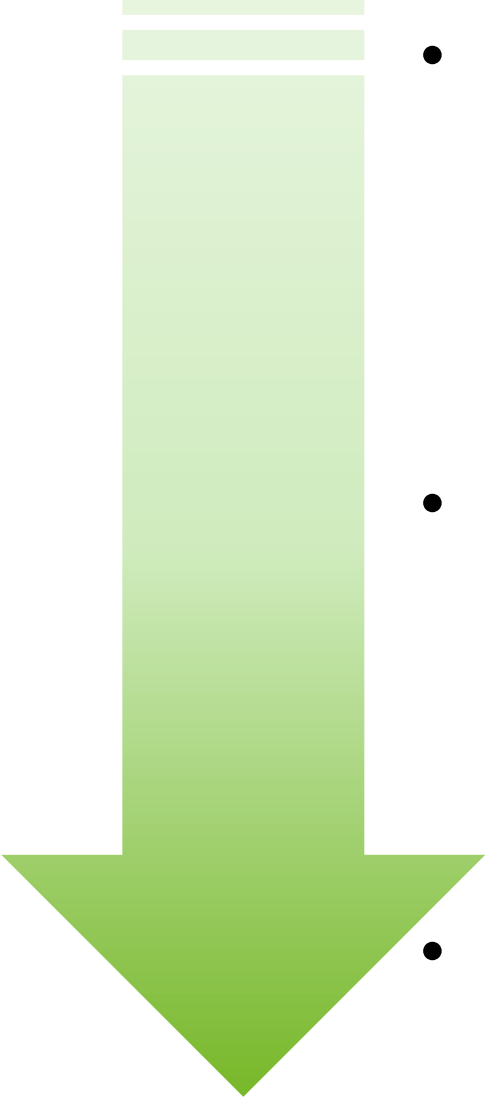
24. Juni 2022



ZONULA ADVANCED

- erkennen
- schonen
- stützen
- verzichten/ersetzen



- 
- schwache Zonulae
 - Zonulolyse
 - subluxierte Linse



WOZU BRAUCHEN WIR ZONULAE?

Akko

quer

immer

Kernro

in die Ferne

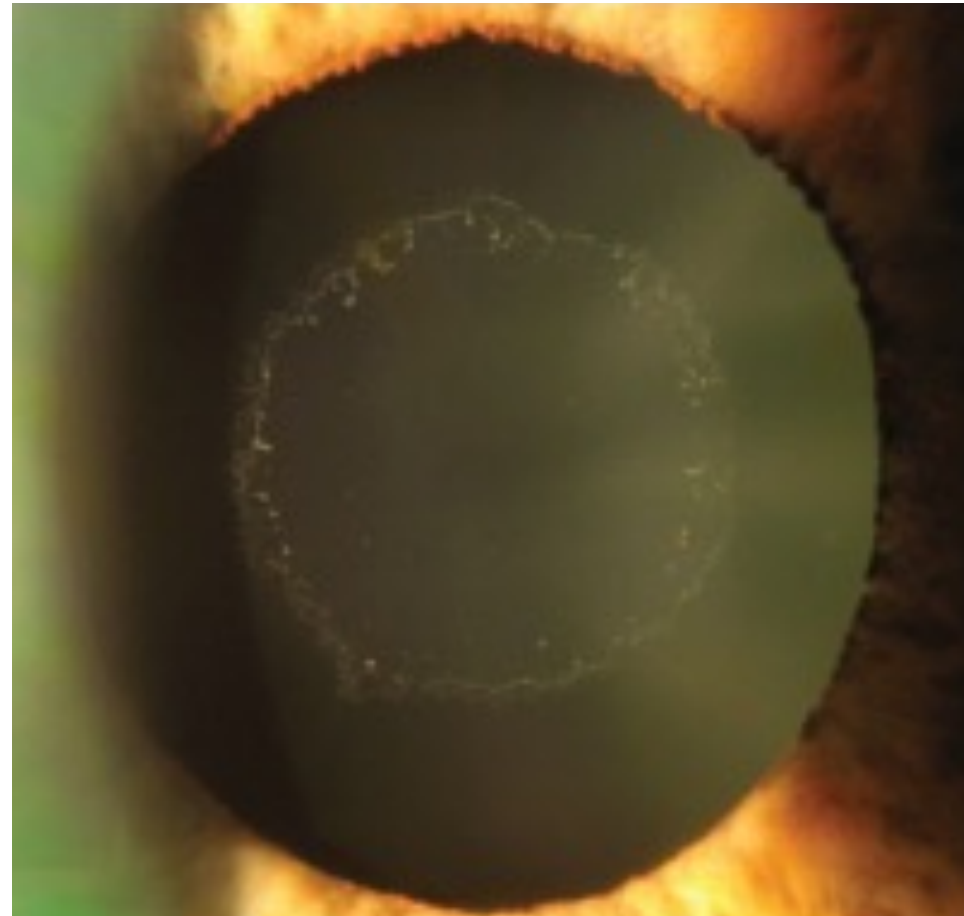
GK Barriere

SCHWACHE ZONULAE

PEX

nach Trauma

Marfans Syndrom



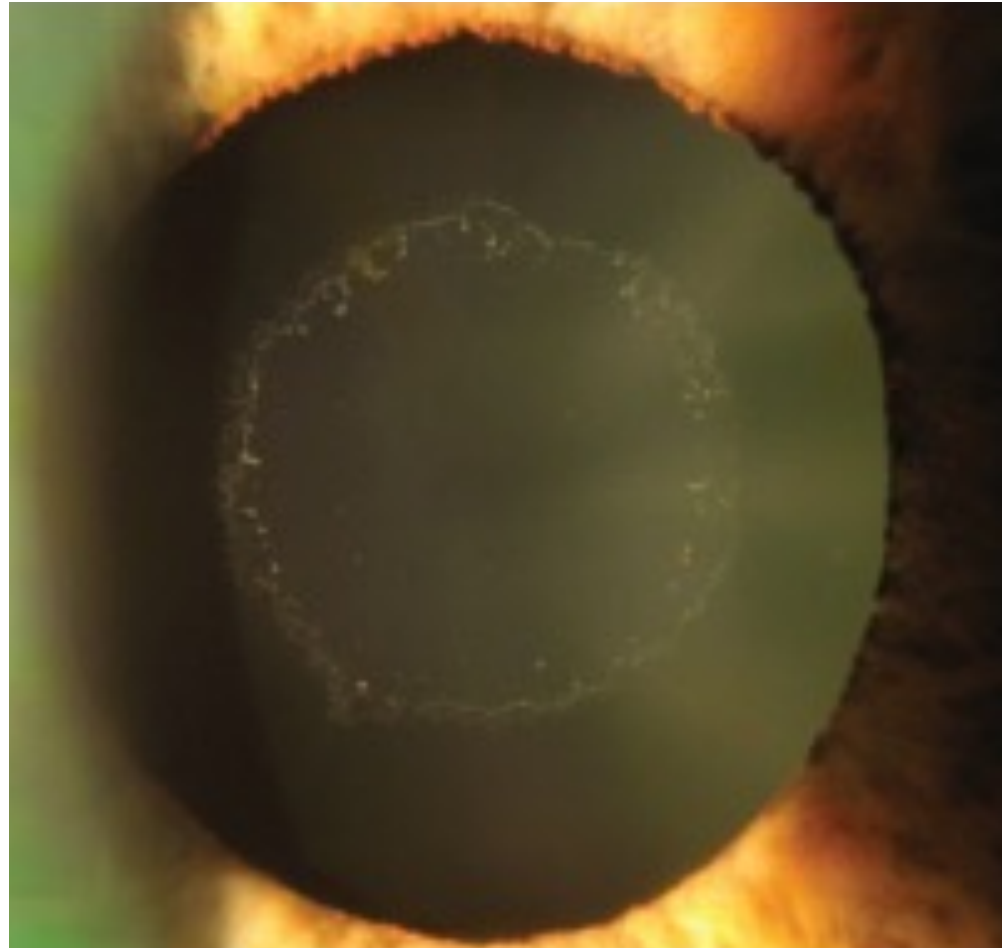
SCHWACHE ZONULAE

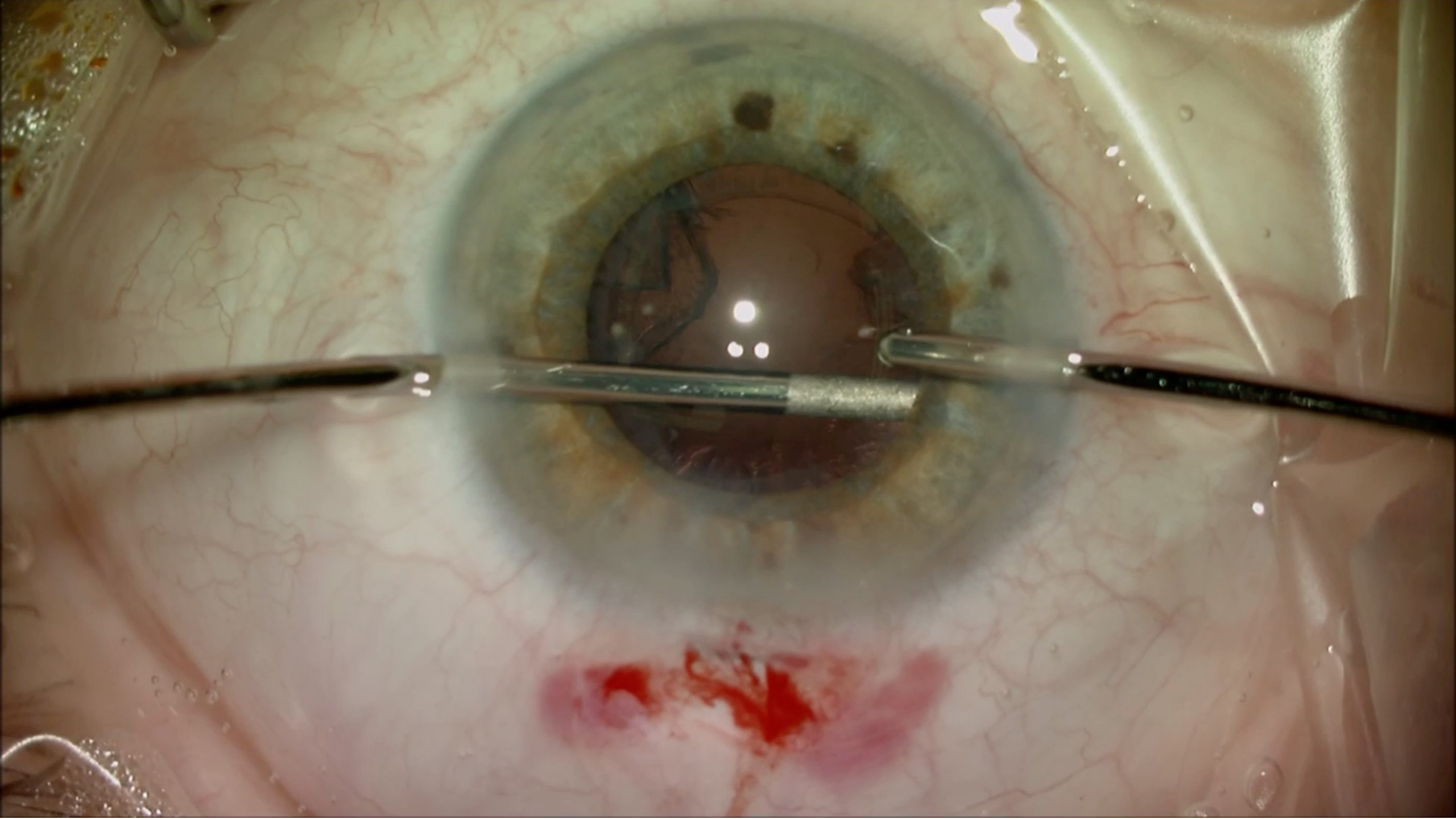
PEX

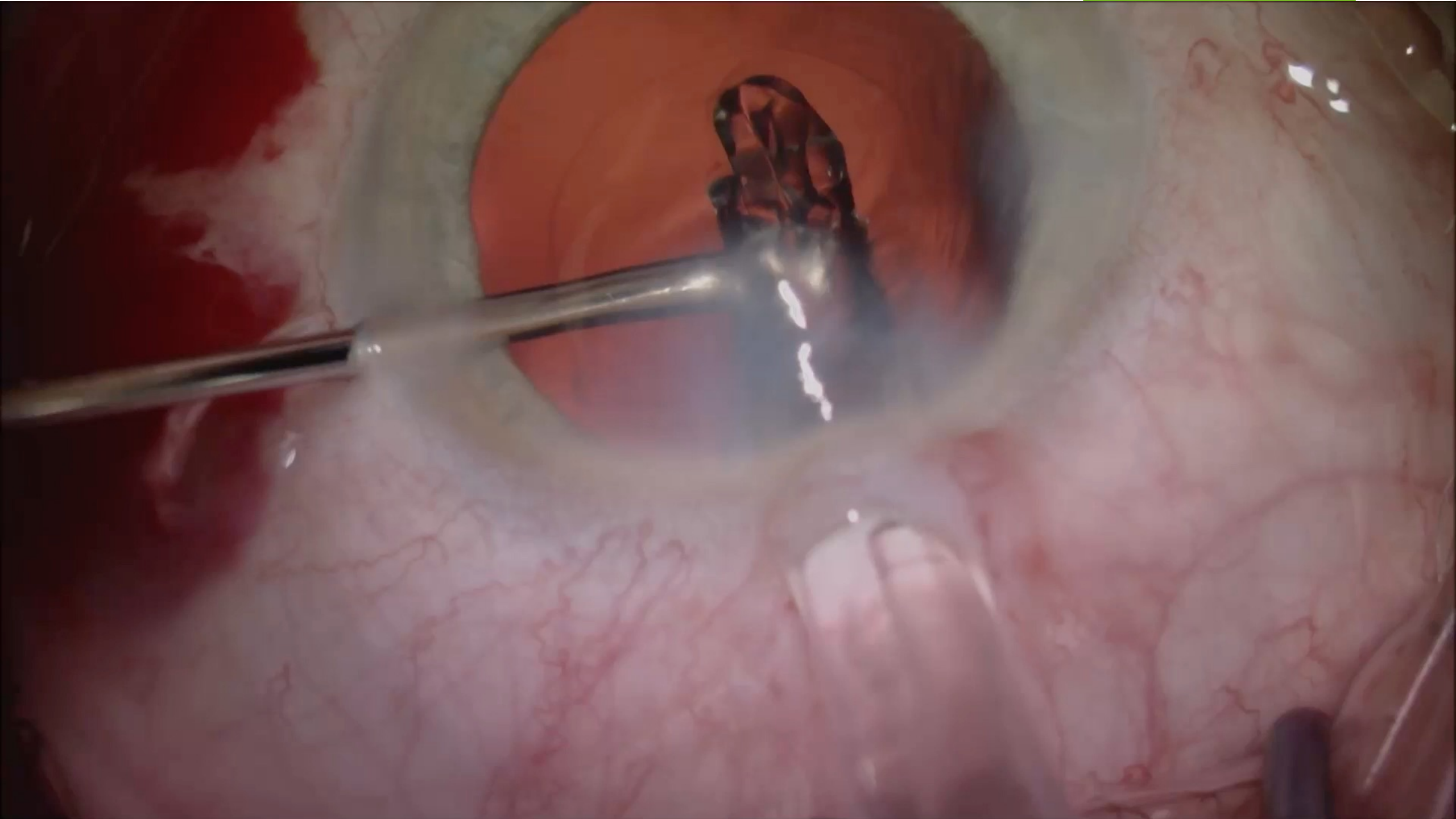
nach Trauma

Marfans Syndrom

iatrogen





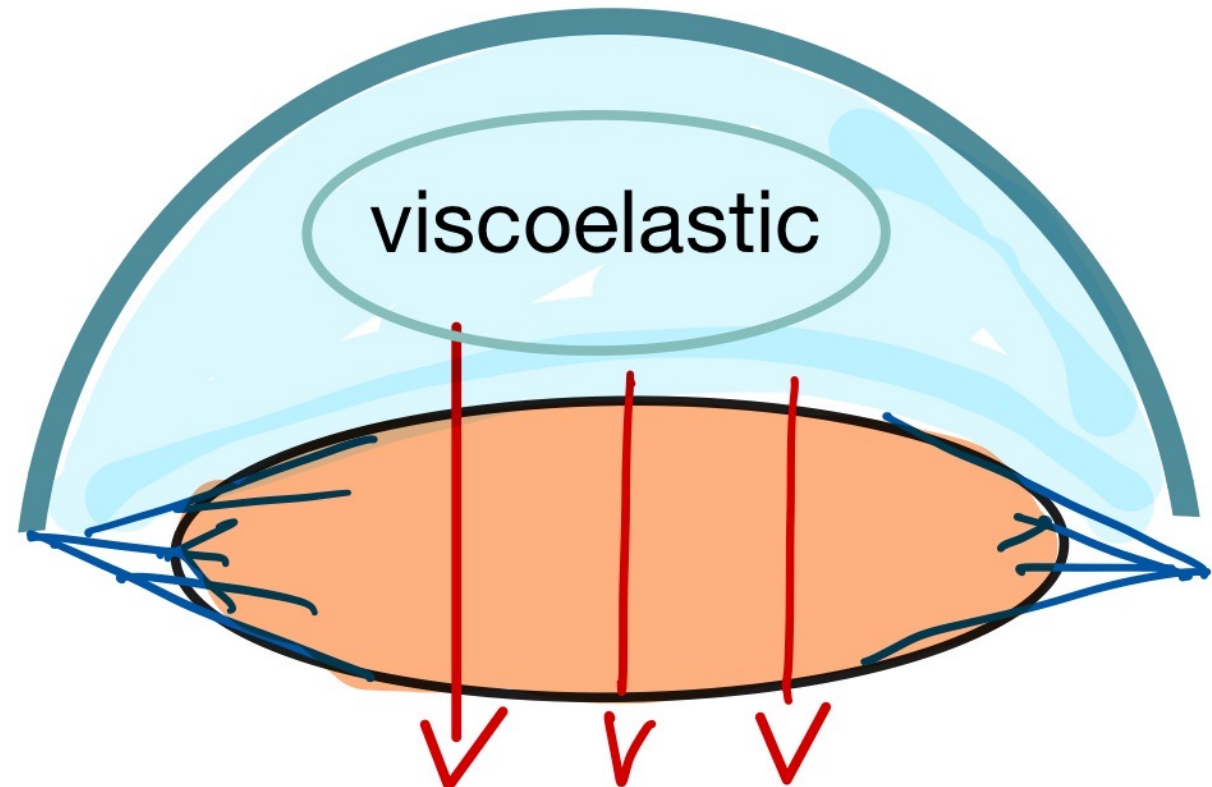




ZONULOLYSE

flache VK

tiefe VK

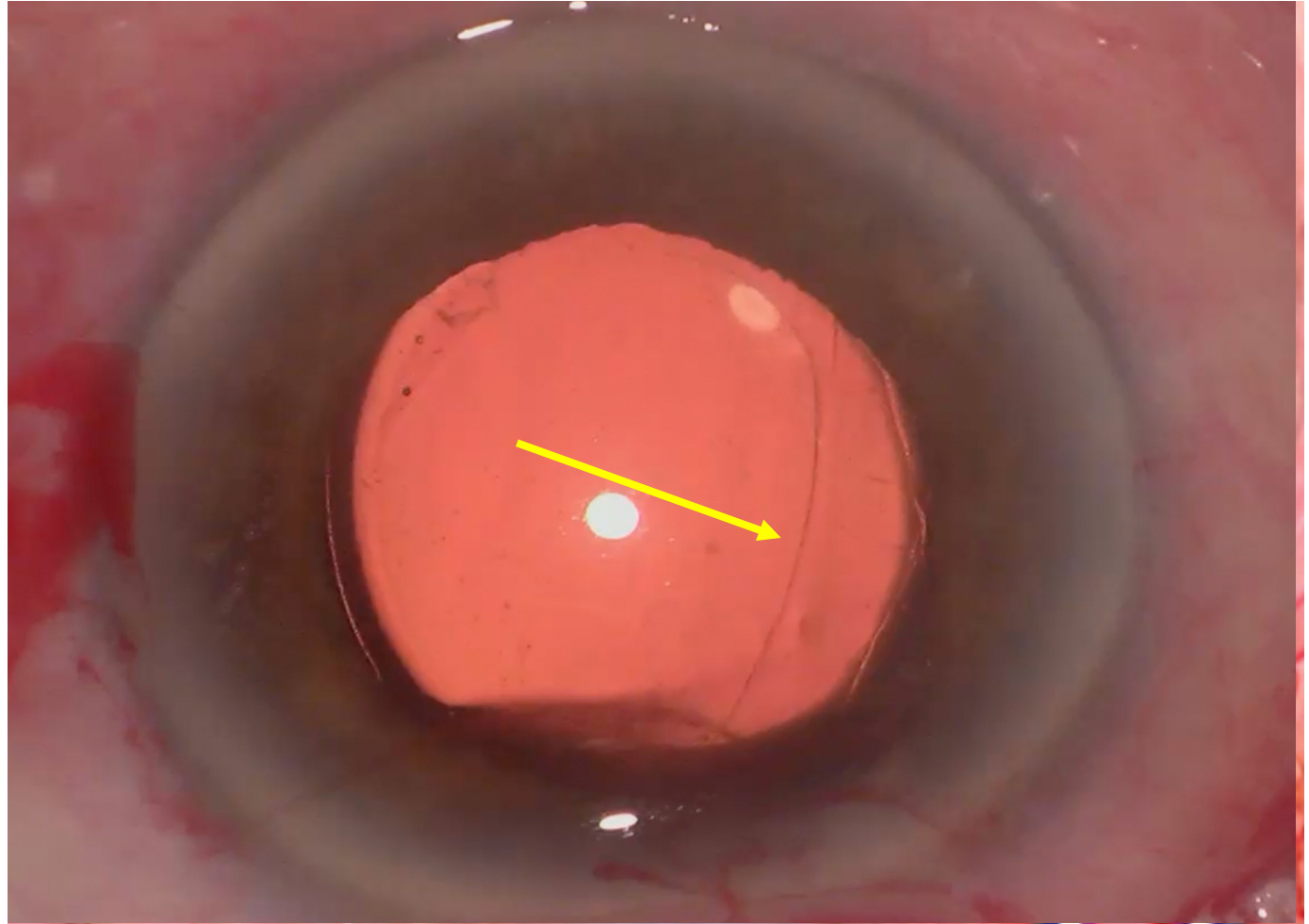




ZONULOLYSE

Rhexis

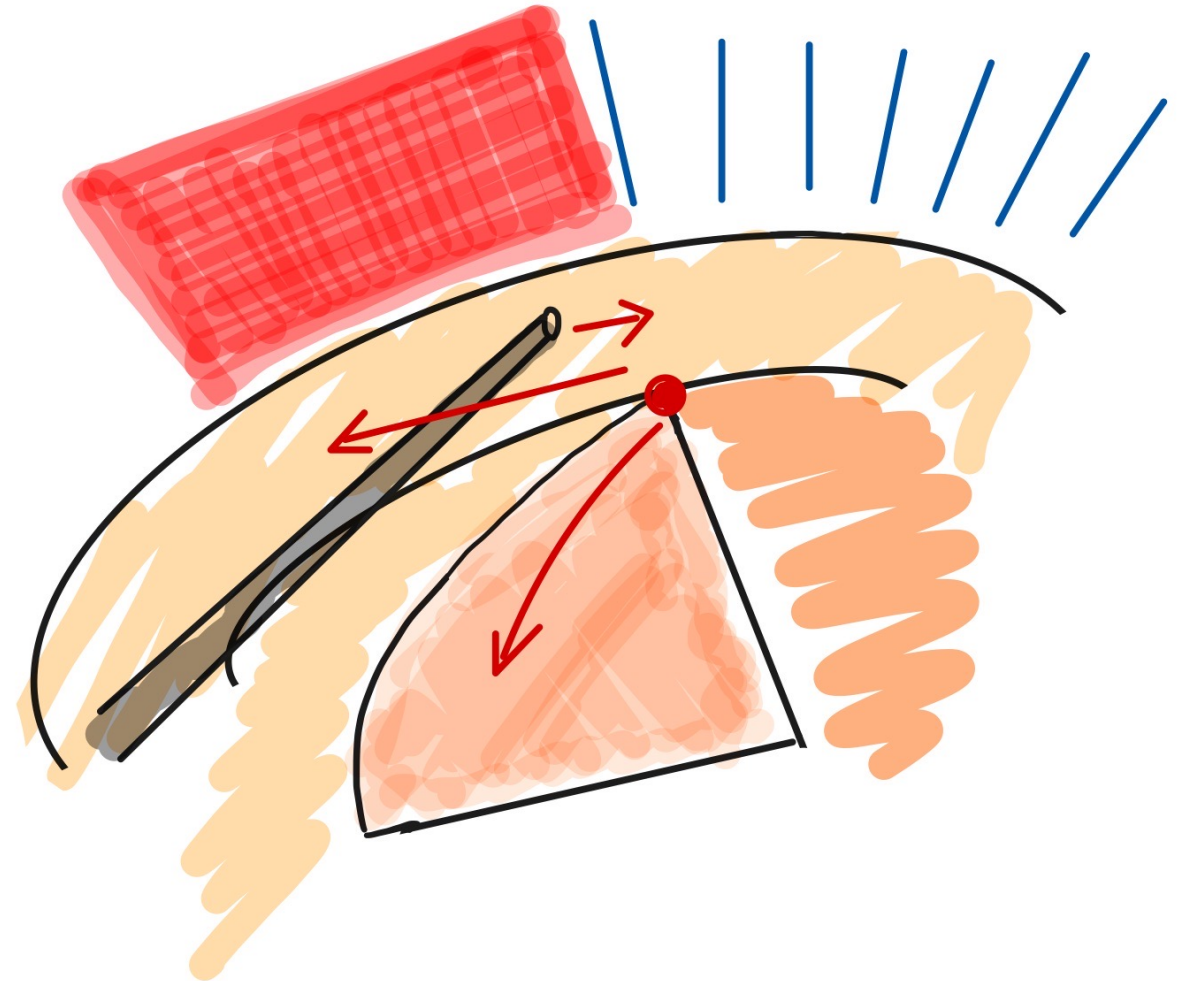
- Falten
- Bewegung
- D-shaped Rhexis





RHEXIS

Rip vs. Shear
Gegendruck
Kapselhäkchen





MOBILISATION

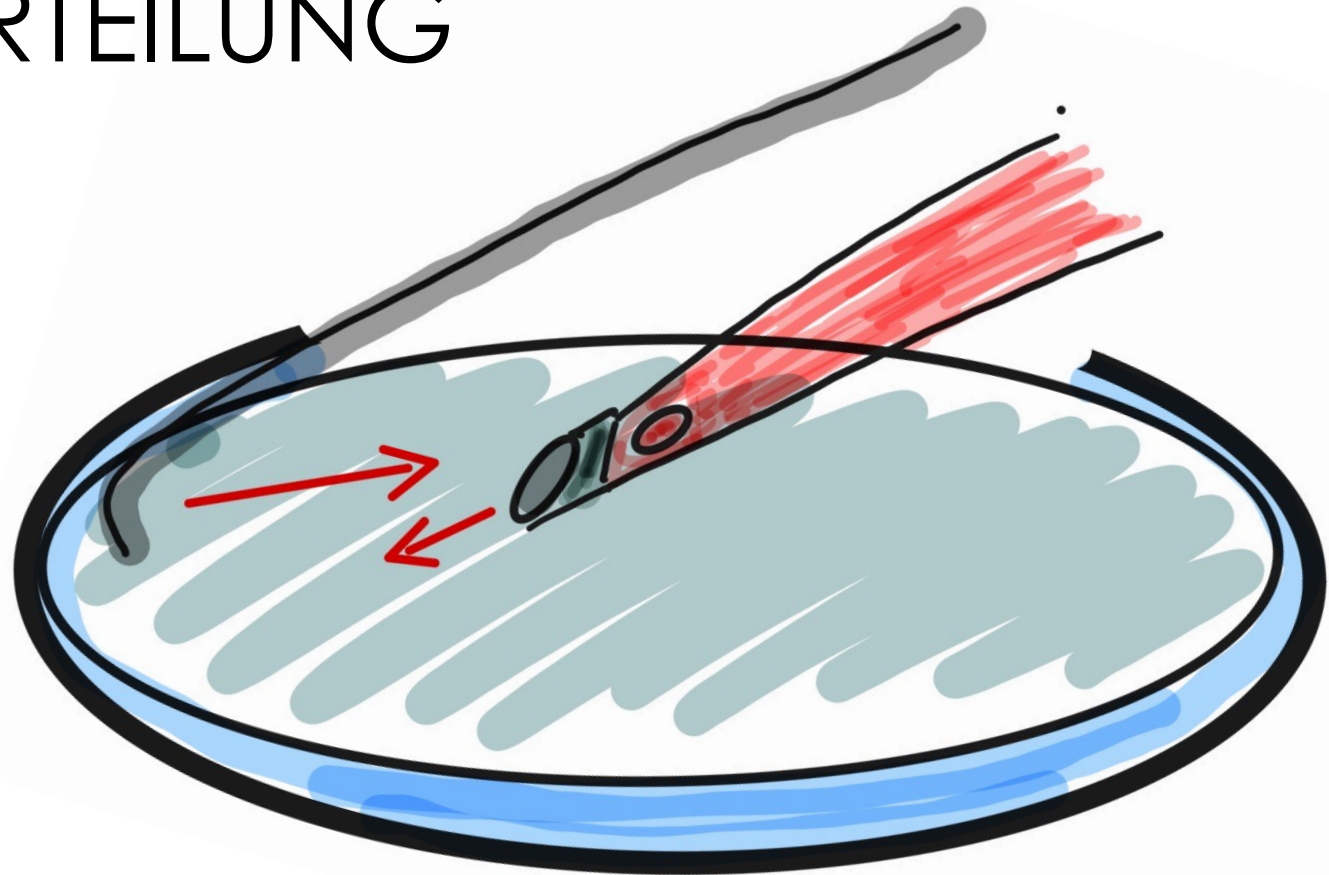
Cortical Cleavage
Hydrodissection
nach Howard Fine





KERNZERTEILUNG

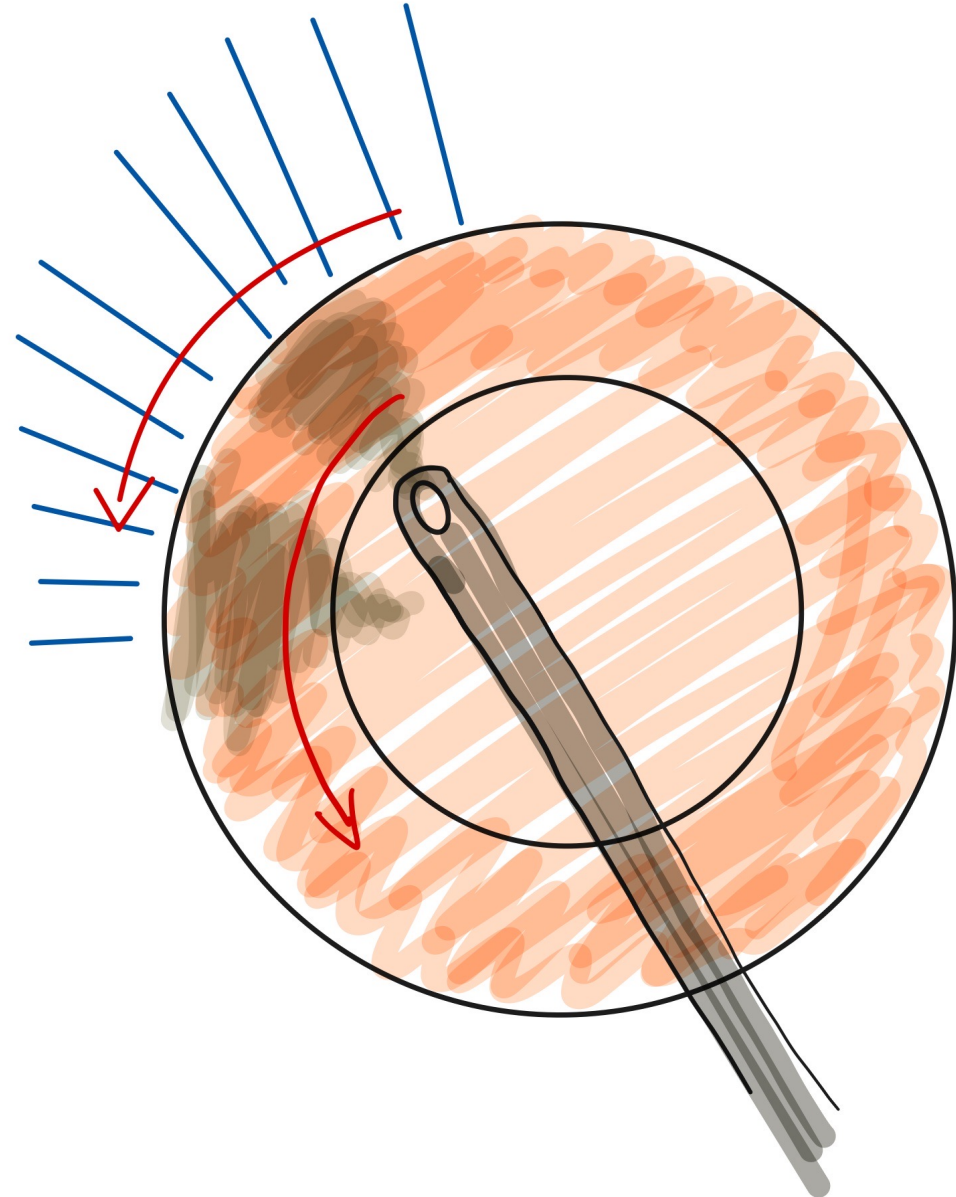
Chop





CORTEX

Hydrodissektion
tangential
zum Defekt



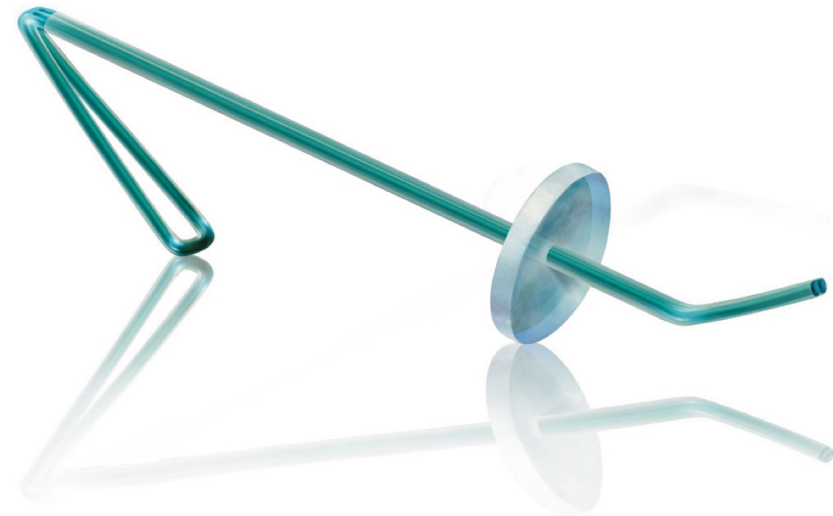




KAPSELHÄKCHEN

früher Einsatz

alternativ Irishäkchen



MST Capsule Retractors

MCR-0001



KAPSELSPANNRING

- 10,5 - 14,5 mm
- größer als Kapselsack
- injectable

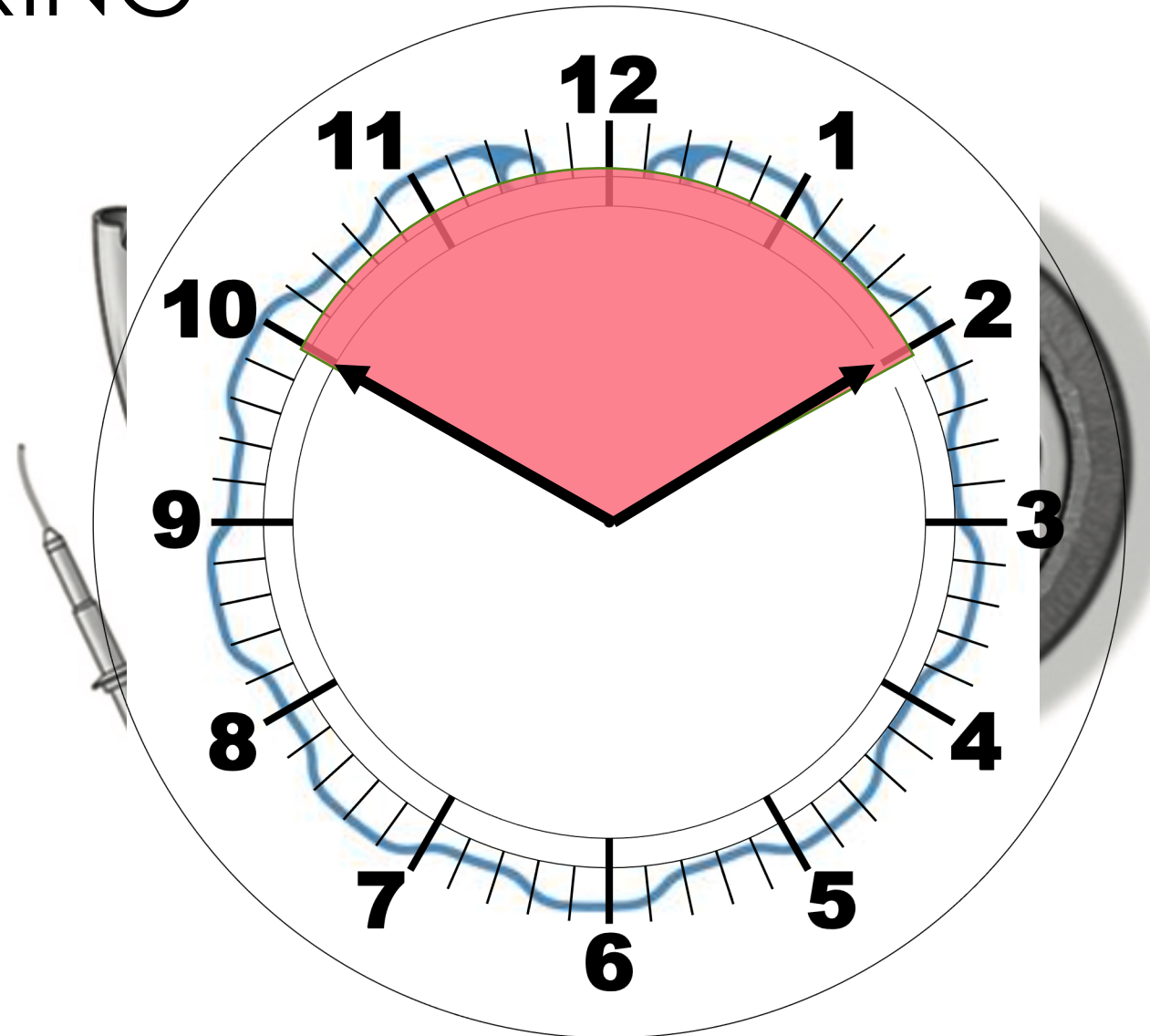


Cortex absaugen

Henderson Modifikation

- 120° oder 4 Uhrzeiten

A





ZONULOLYSE > 5 UHRZEITEN

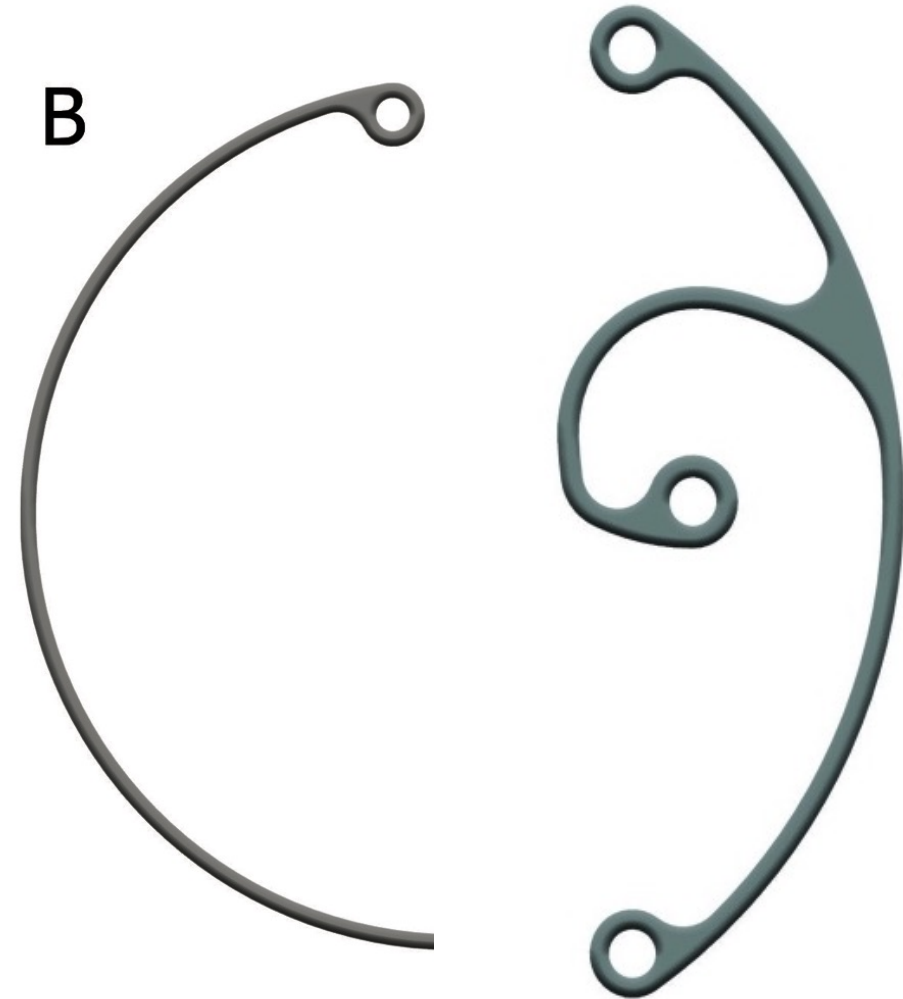
Cionni-Ring

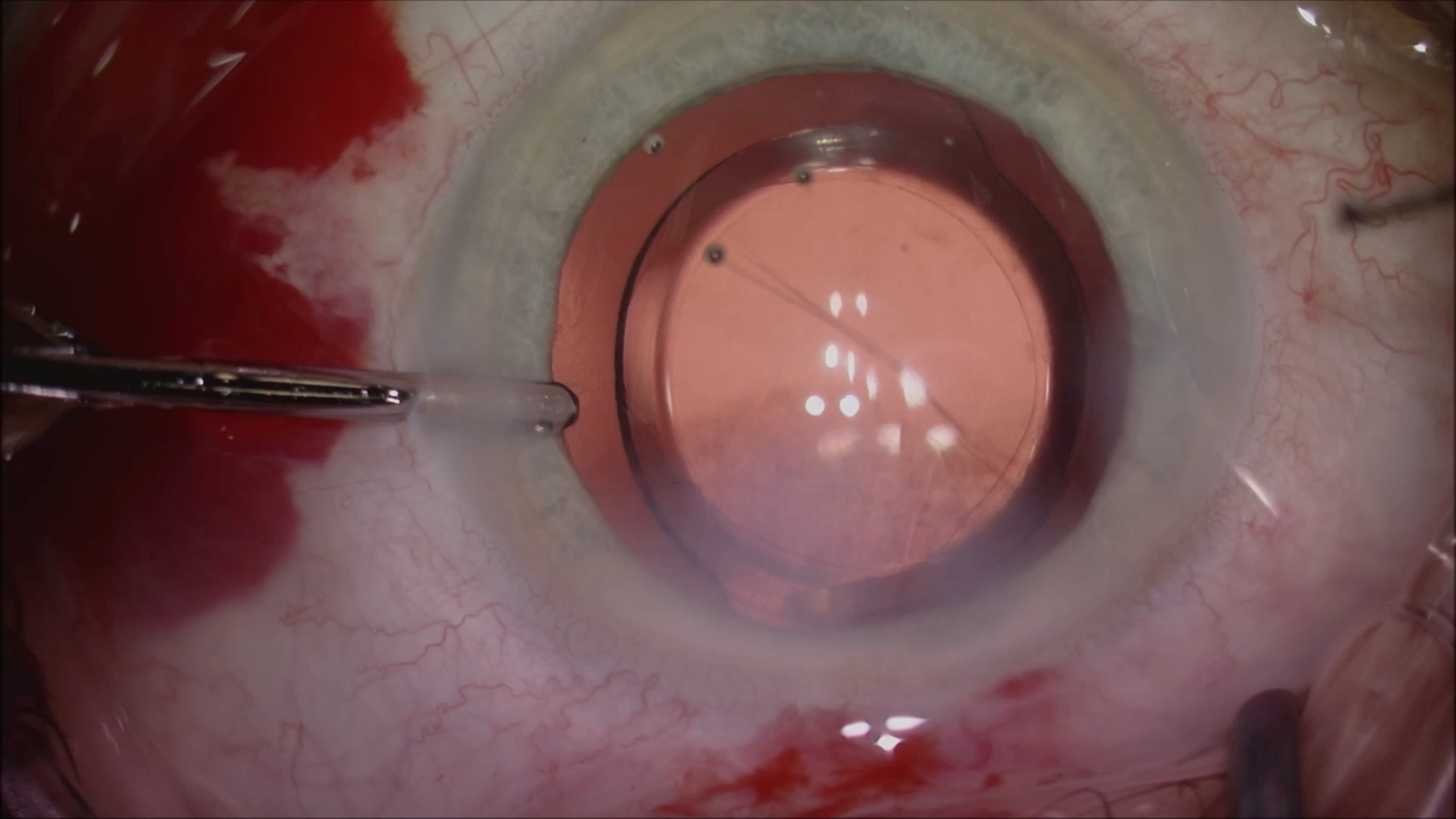
Ahmed Segment

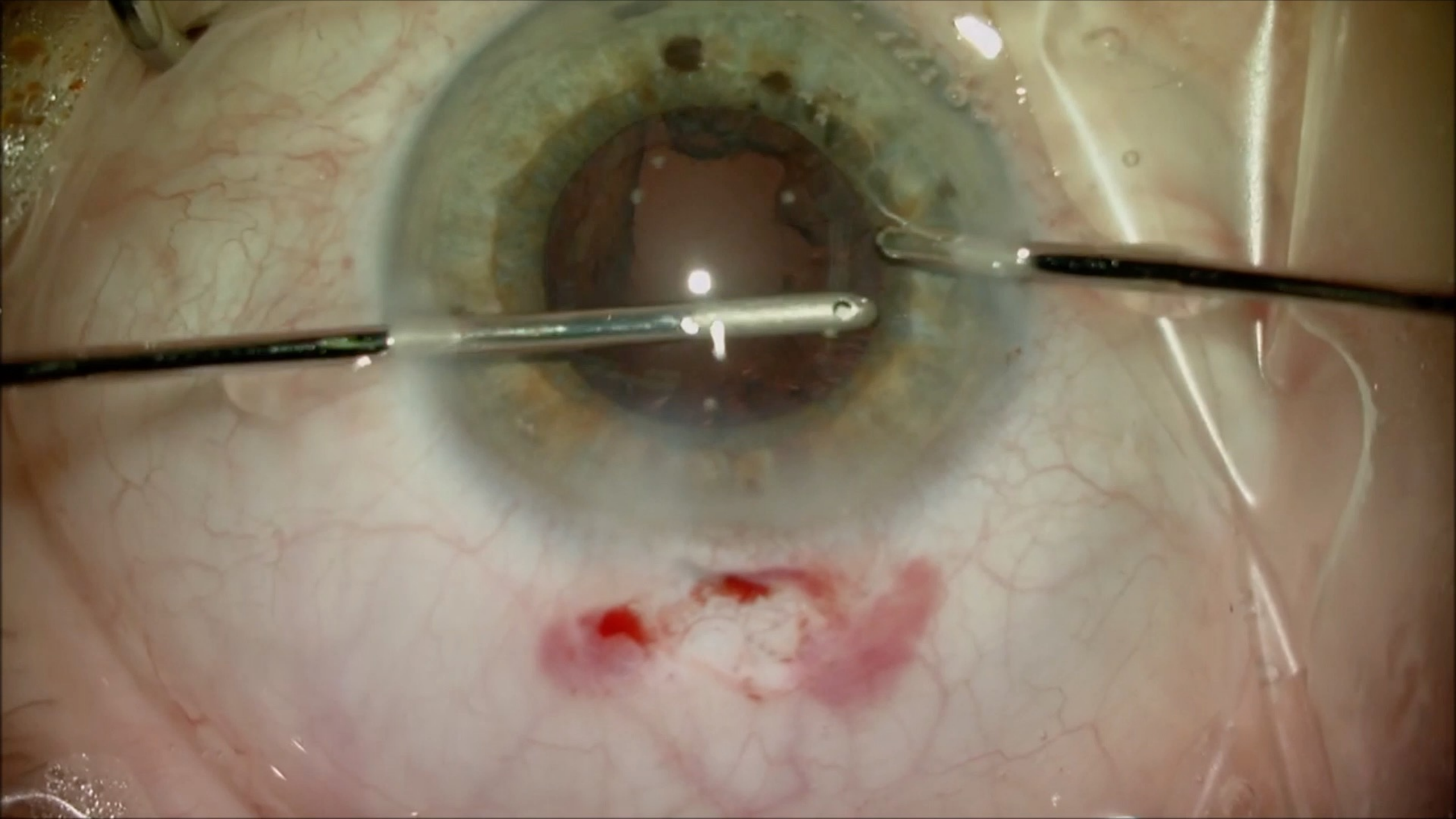
Naht (Prolene, Gortex)

Alternative IOL Fixierung

B









ZONULOLYSE

früh erkennen

schonen

< 4h

Viskoealstikum

Kapselspannring