

Understanding the Femto-flap

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Nebraska Laser Eye Associates
Fall 2018

MIT : BASEMENT BUILDING 4, 1973



PHOTO-DEGRADATION:

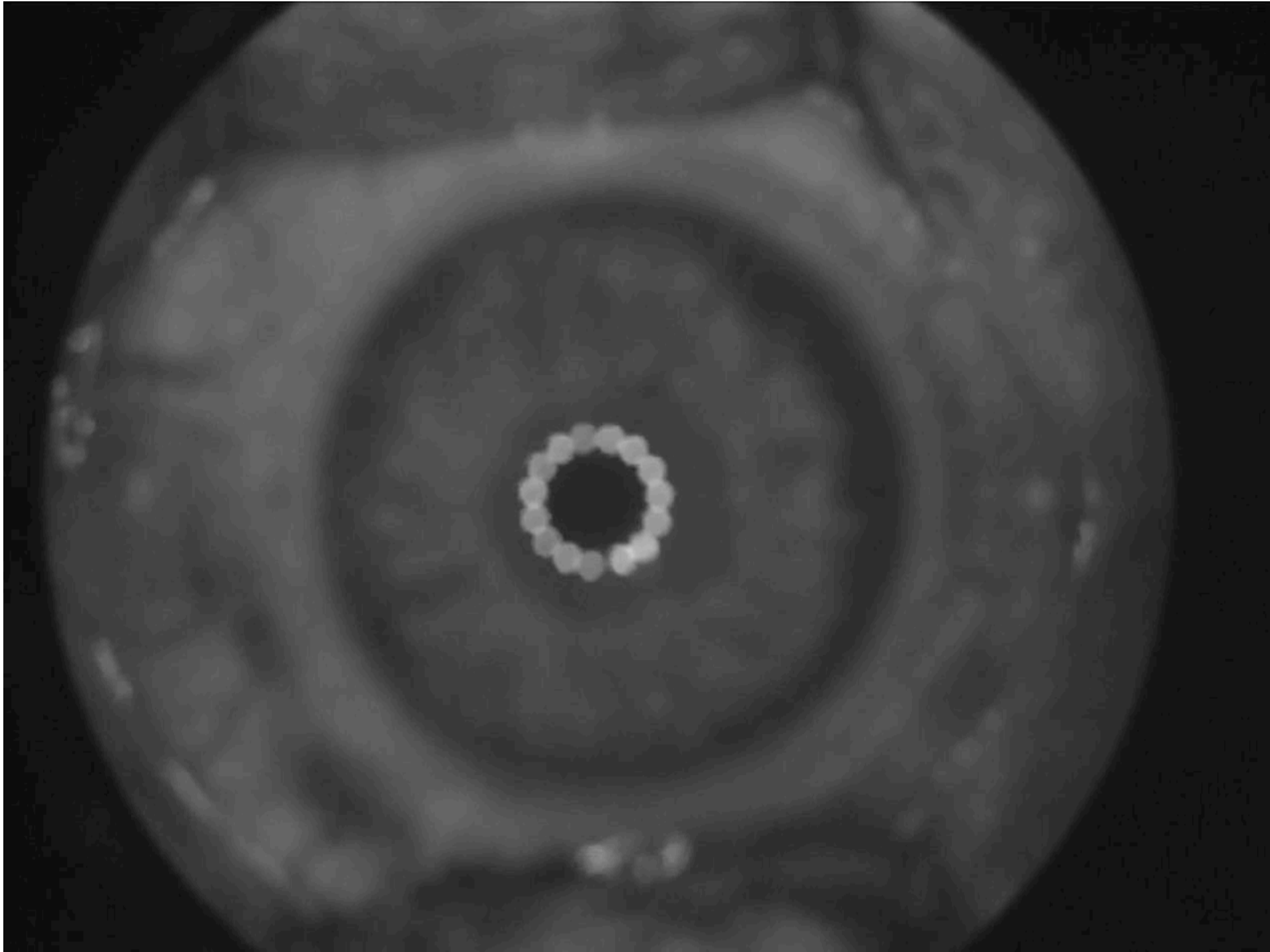
295 UM LASER ENEGY

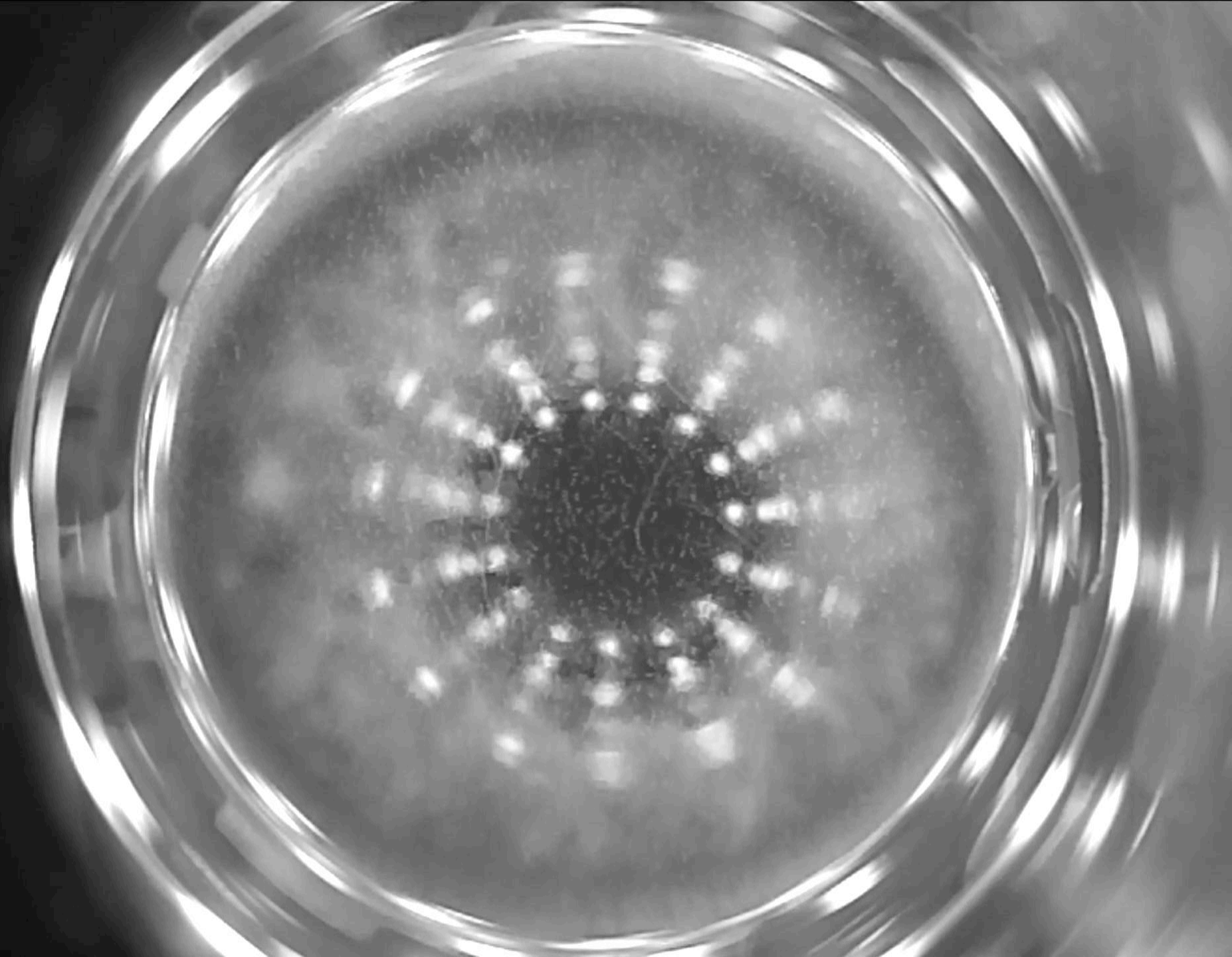
PREFERRENTIALLY ADSORDED BY THE CARBON -NITROGEN BOND IN ANALINE

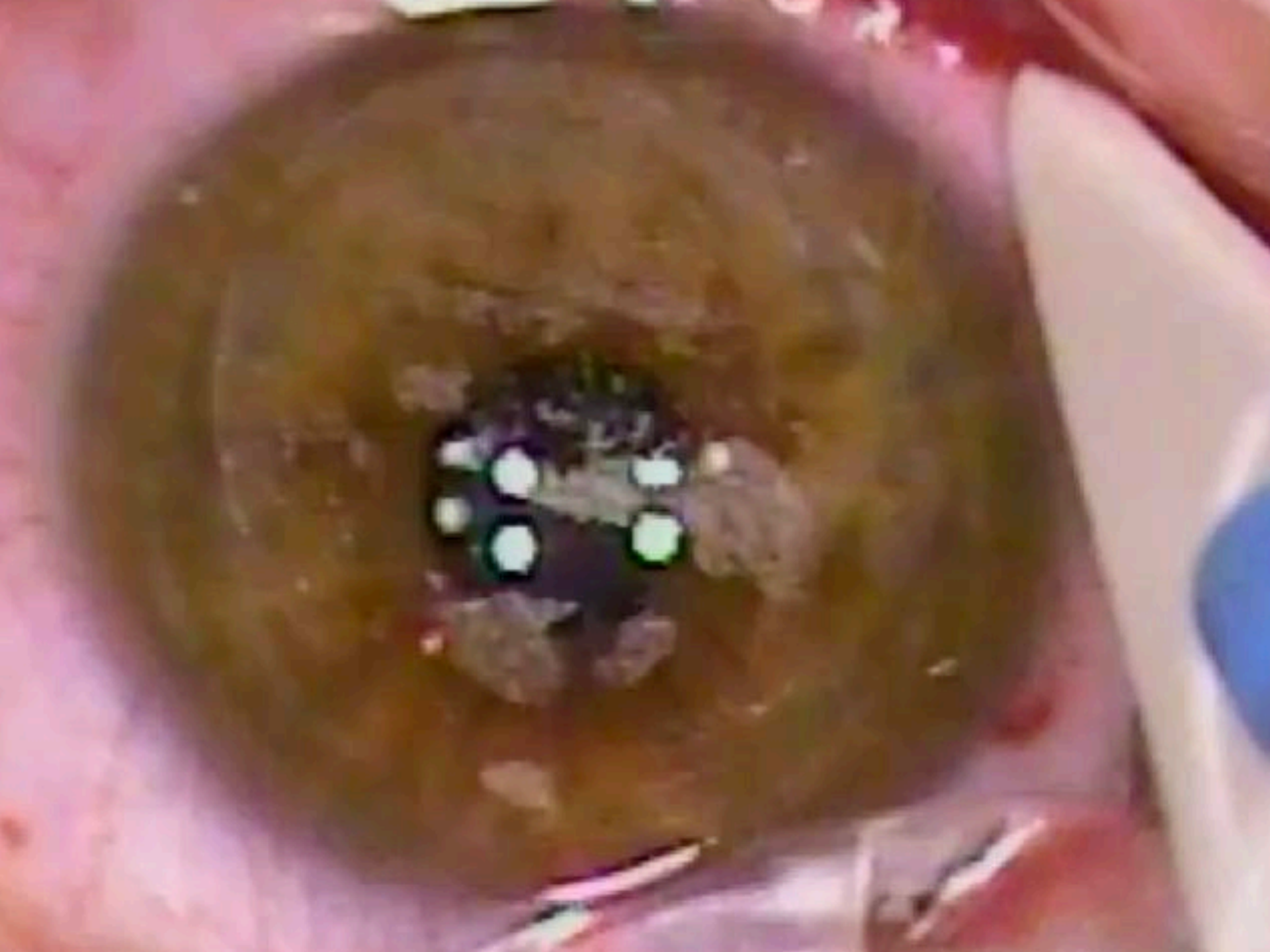


2018

NEBRASKA LASER EYE ASSOCIATES





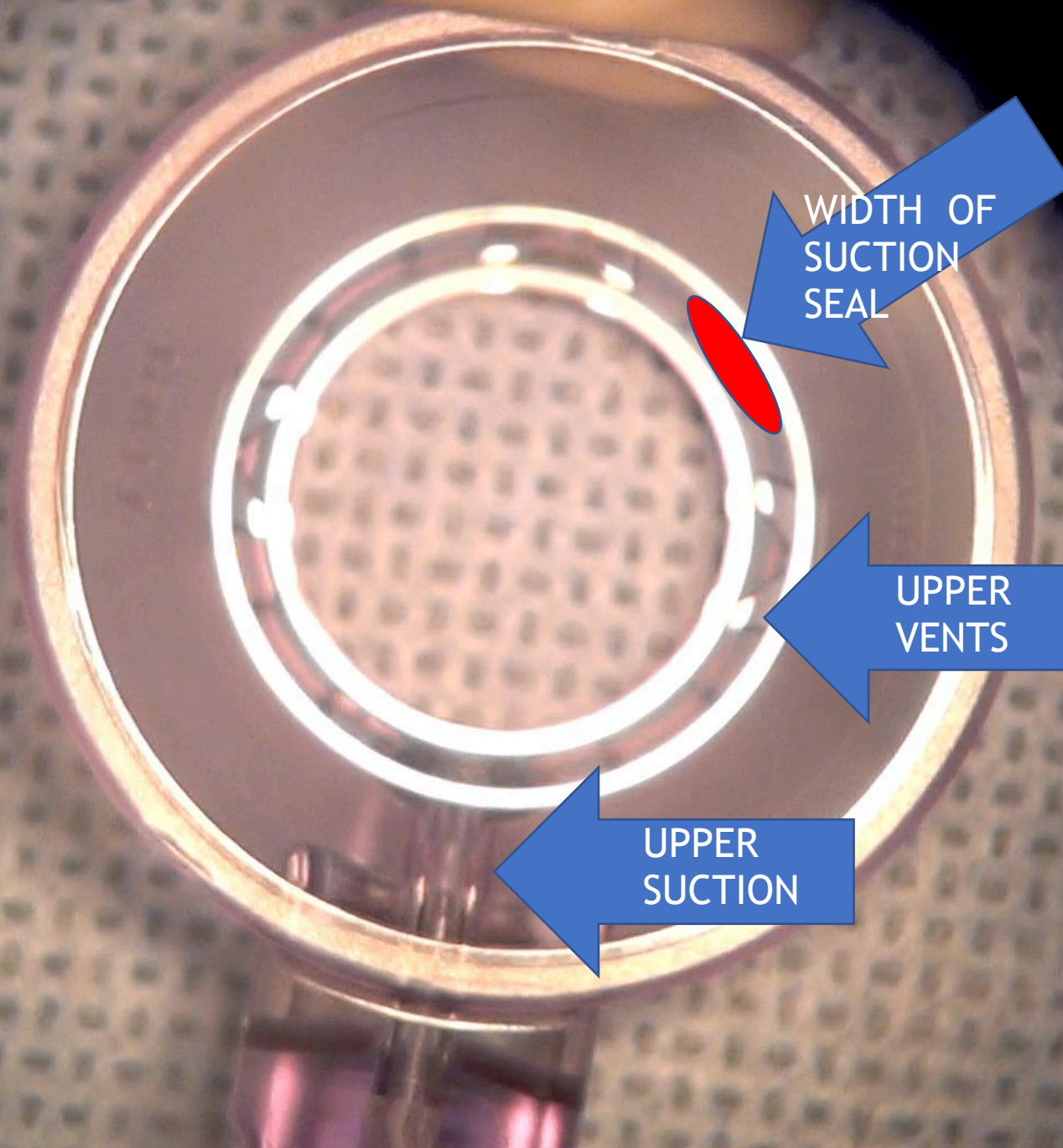






UPPER VENT

LOWER
SUCTION



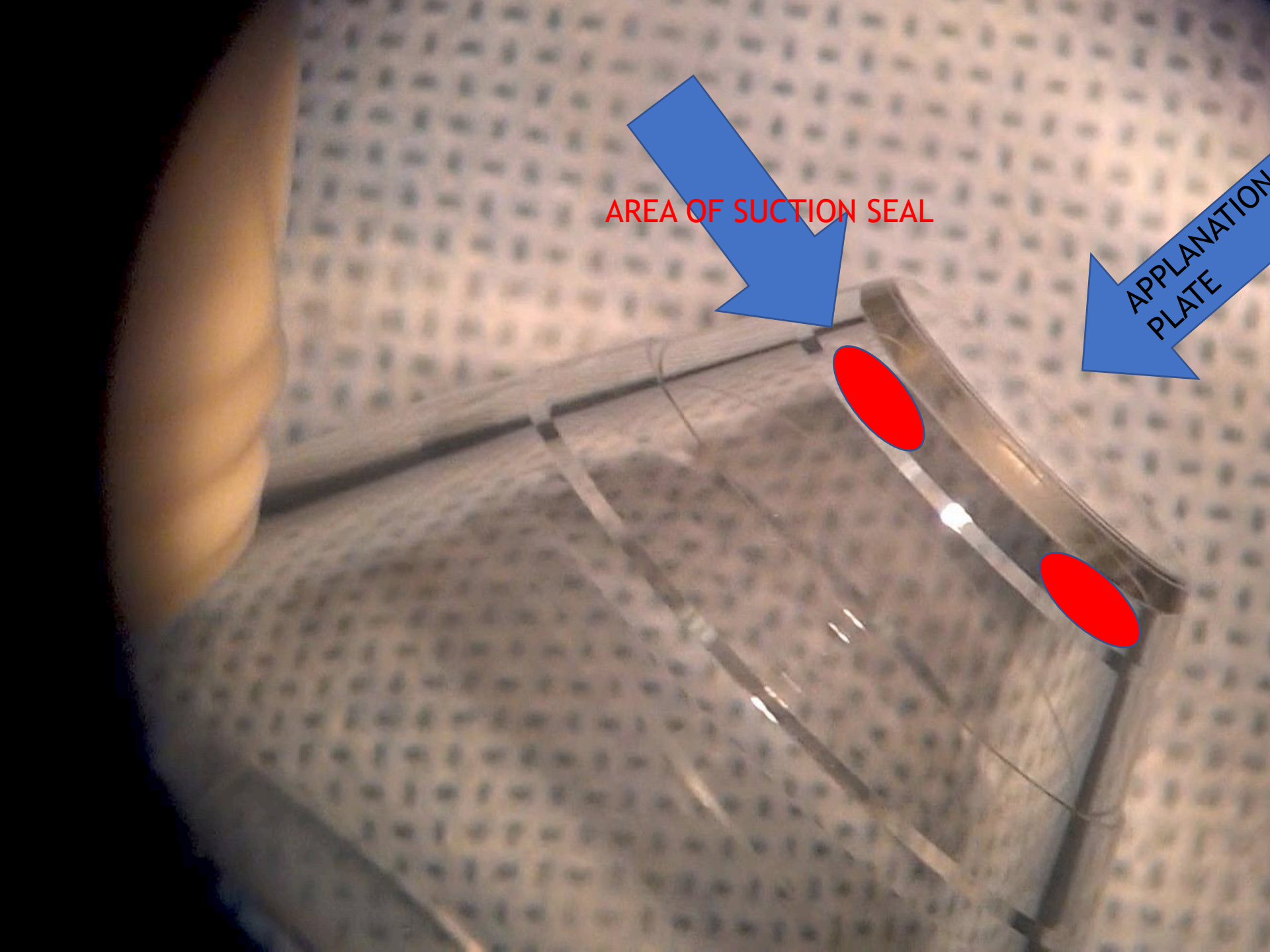
WIDTH OF
SUCTION
SEAL

UPPER
VENTS

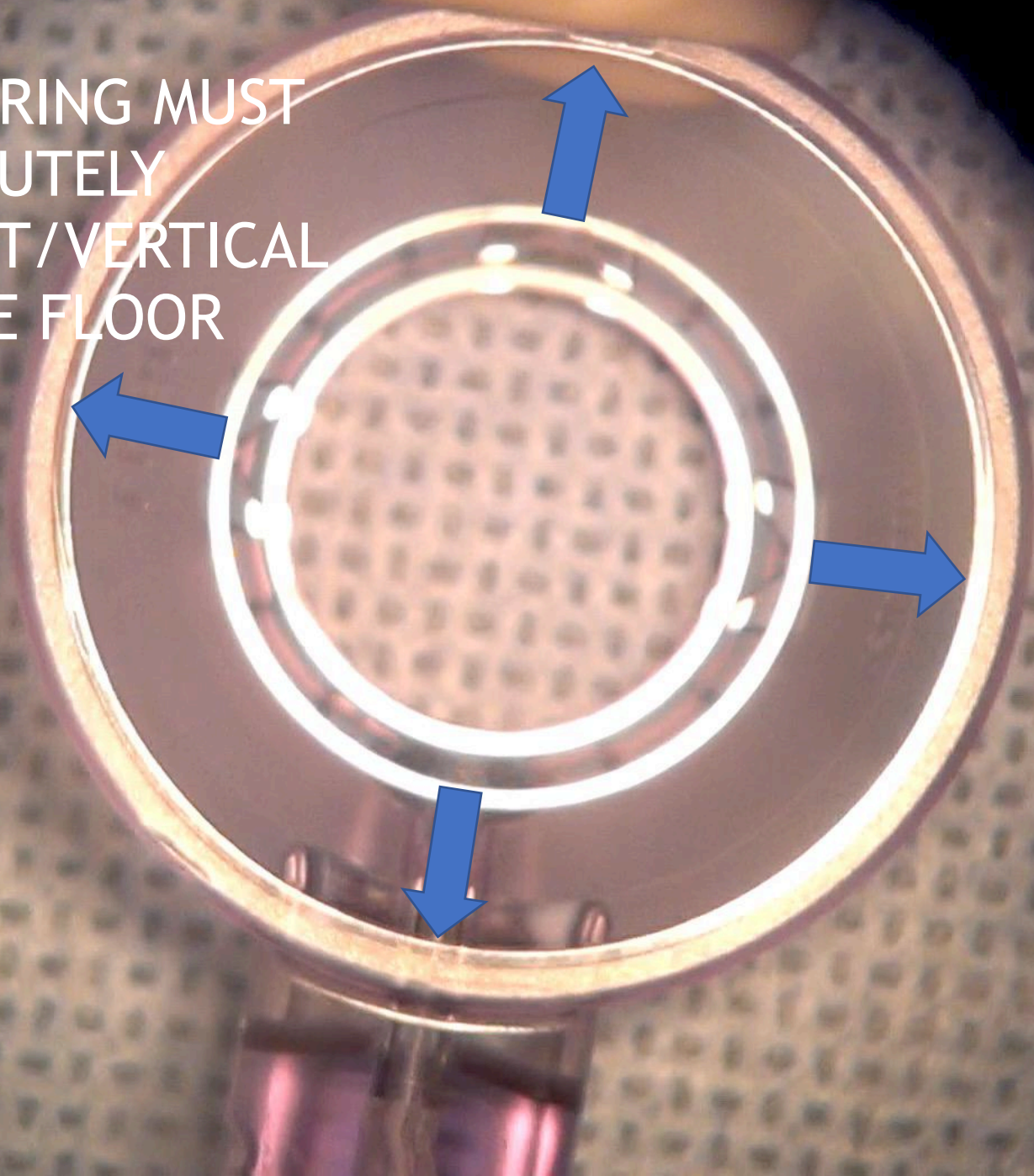
UPPER
SUCTION

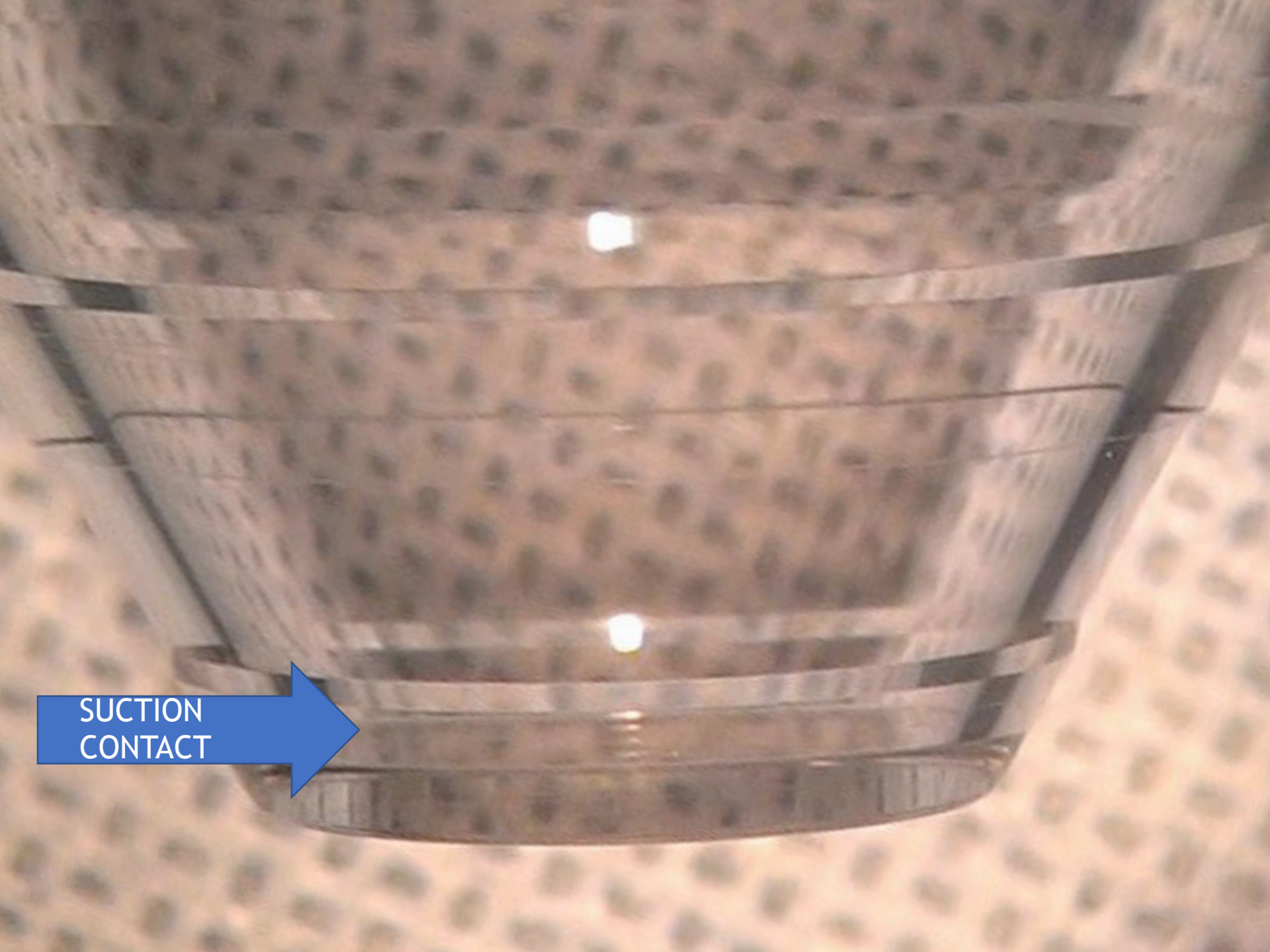
AREA OF SUCTION SEAL

APPLANATION
PLATE

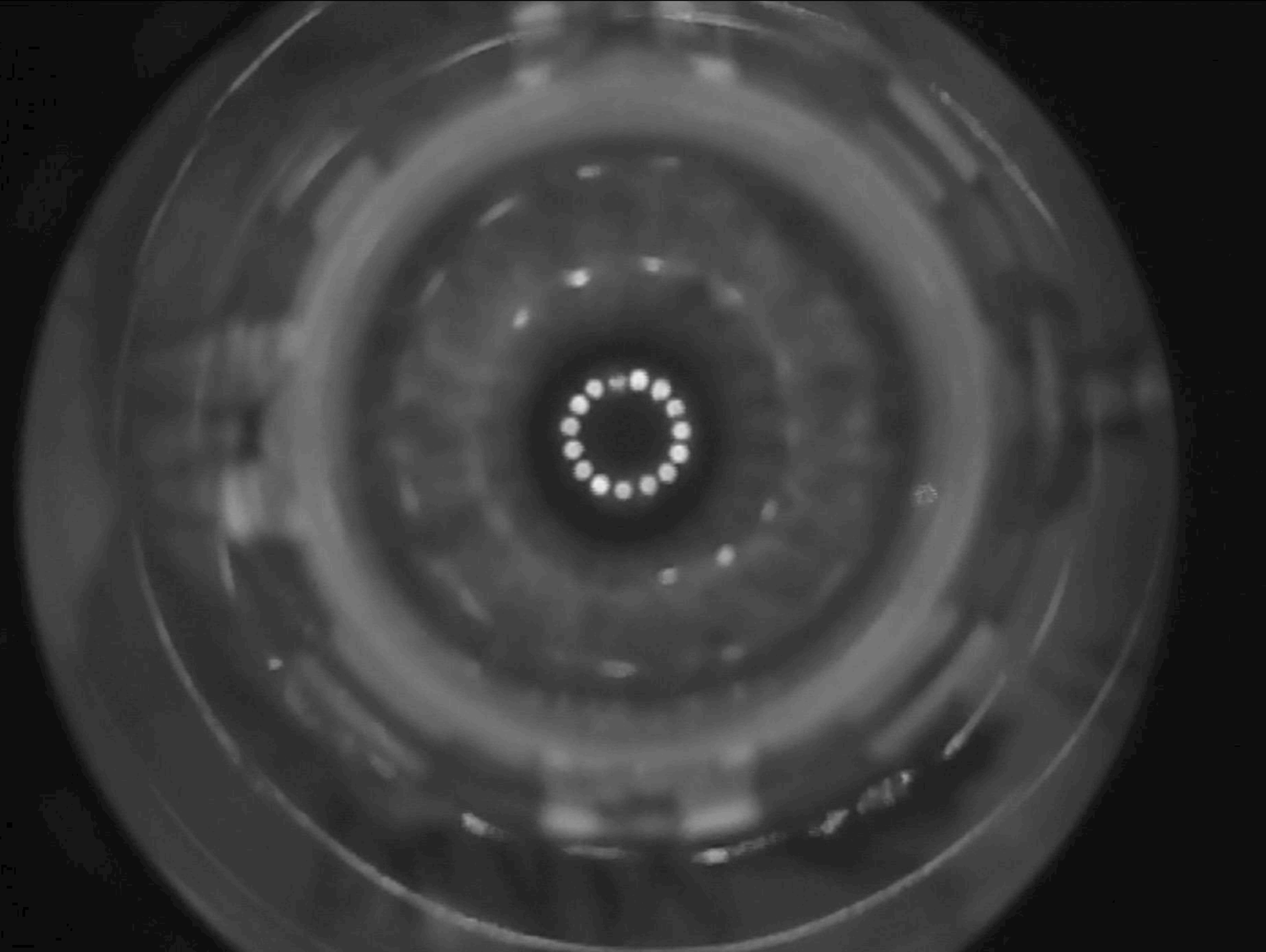


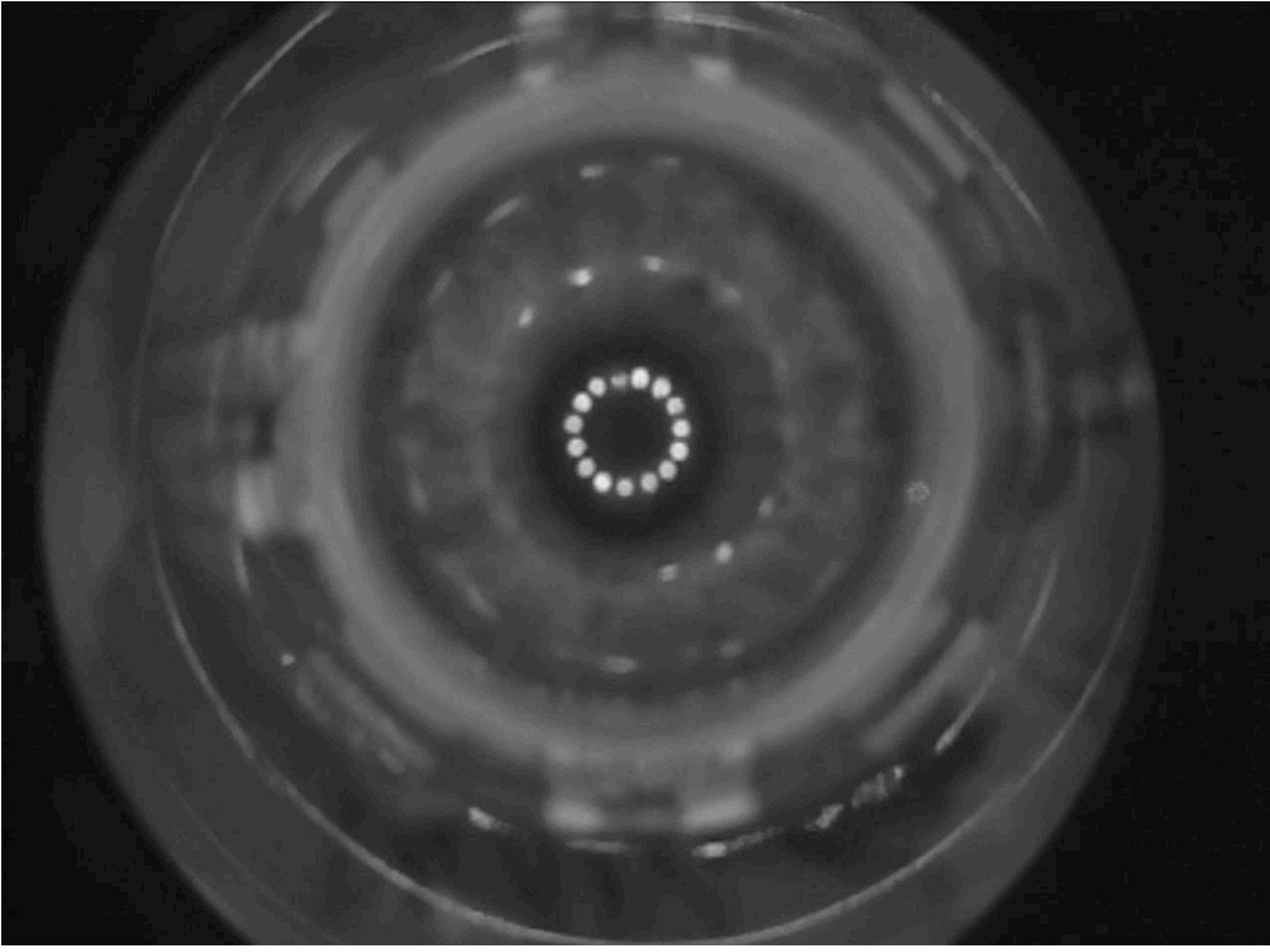
SUCTION RING MUST
BE ABSOLUTELY
TANGENT / VERTICAL
FROM THE FLOOR

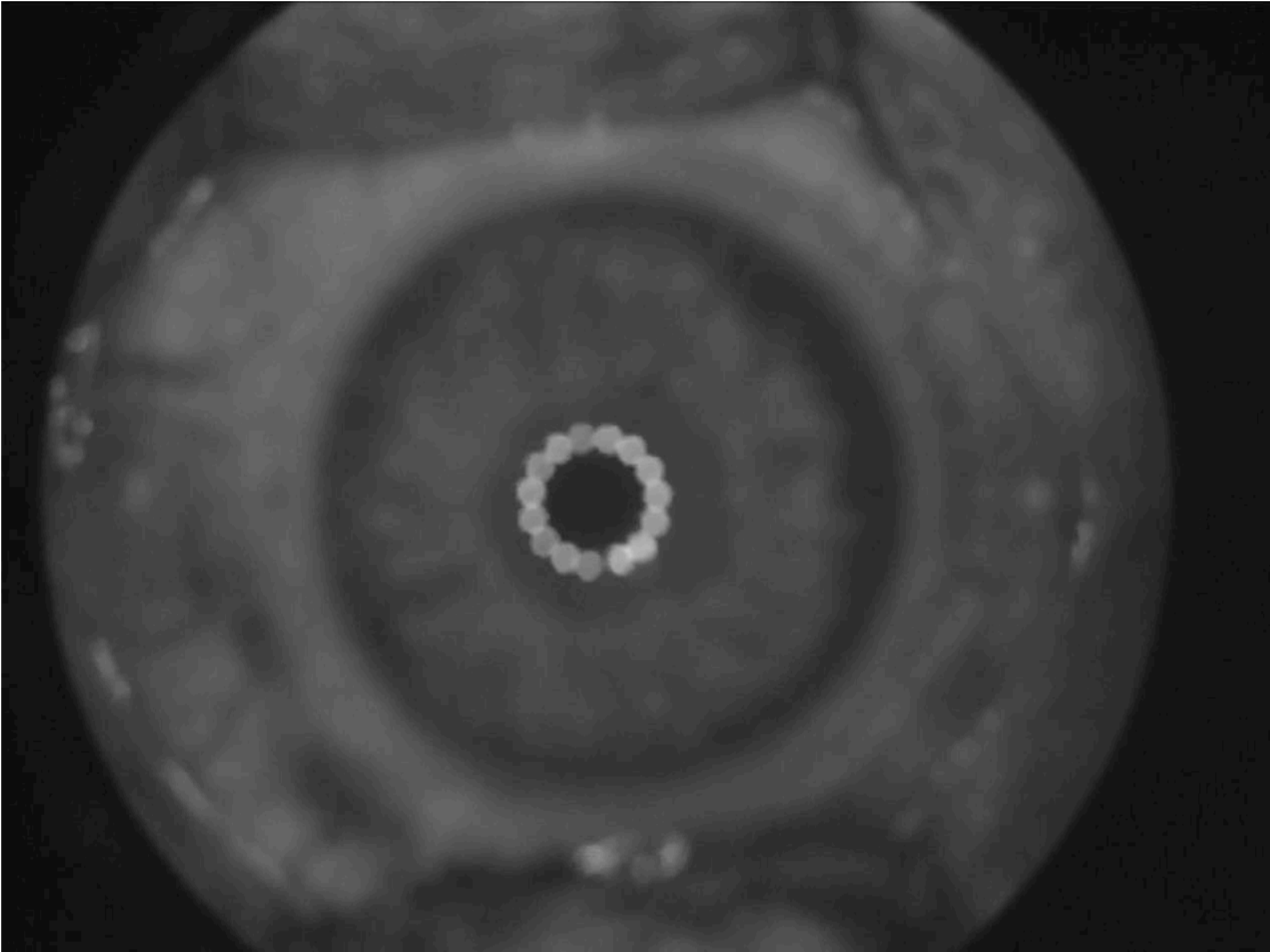


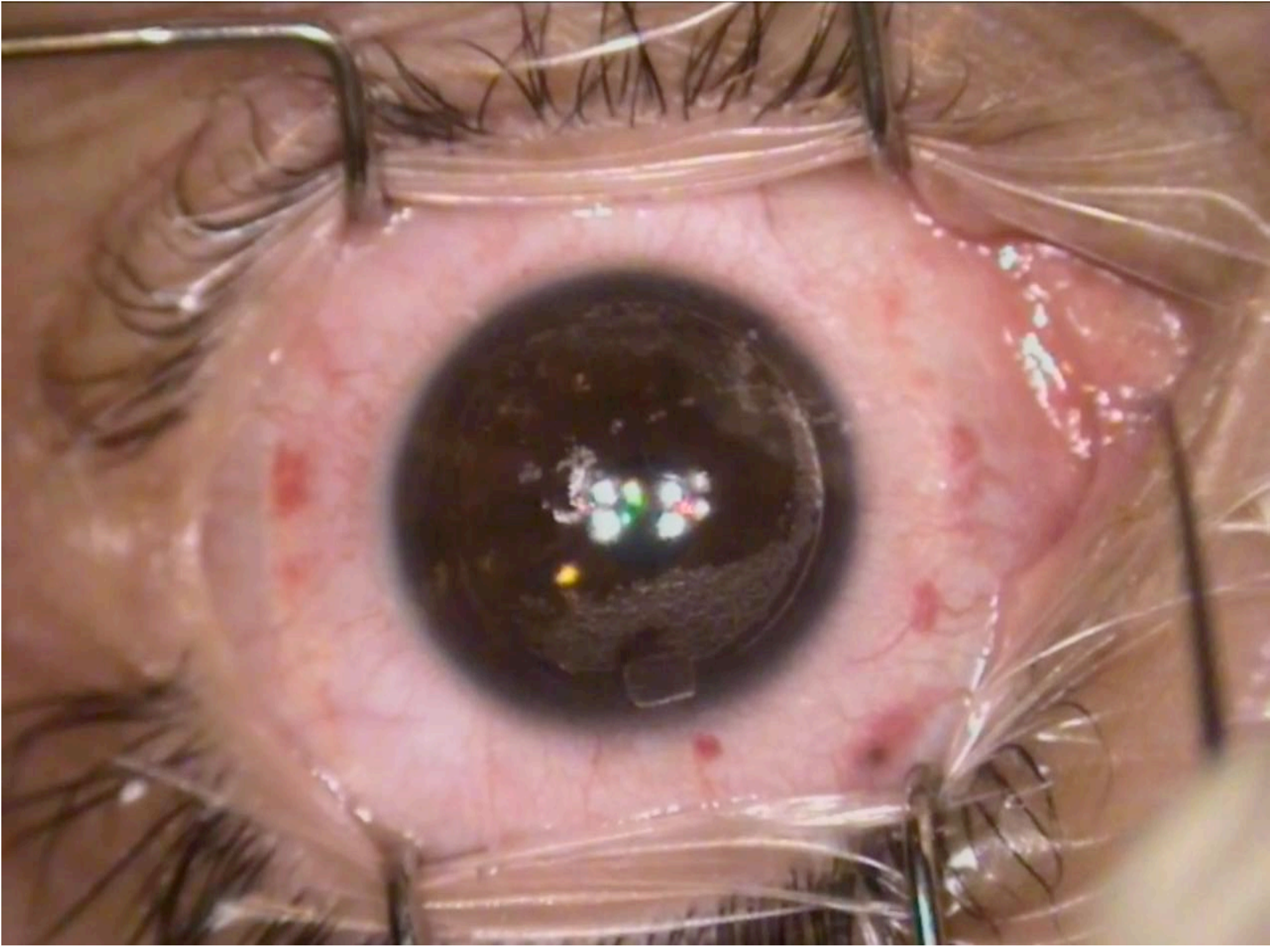


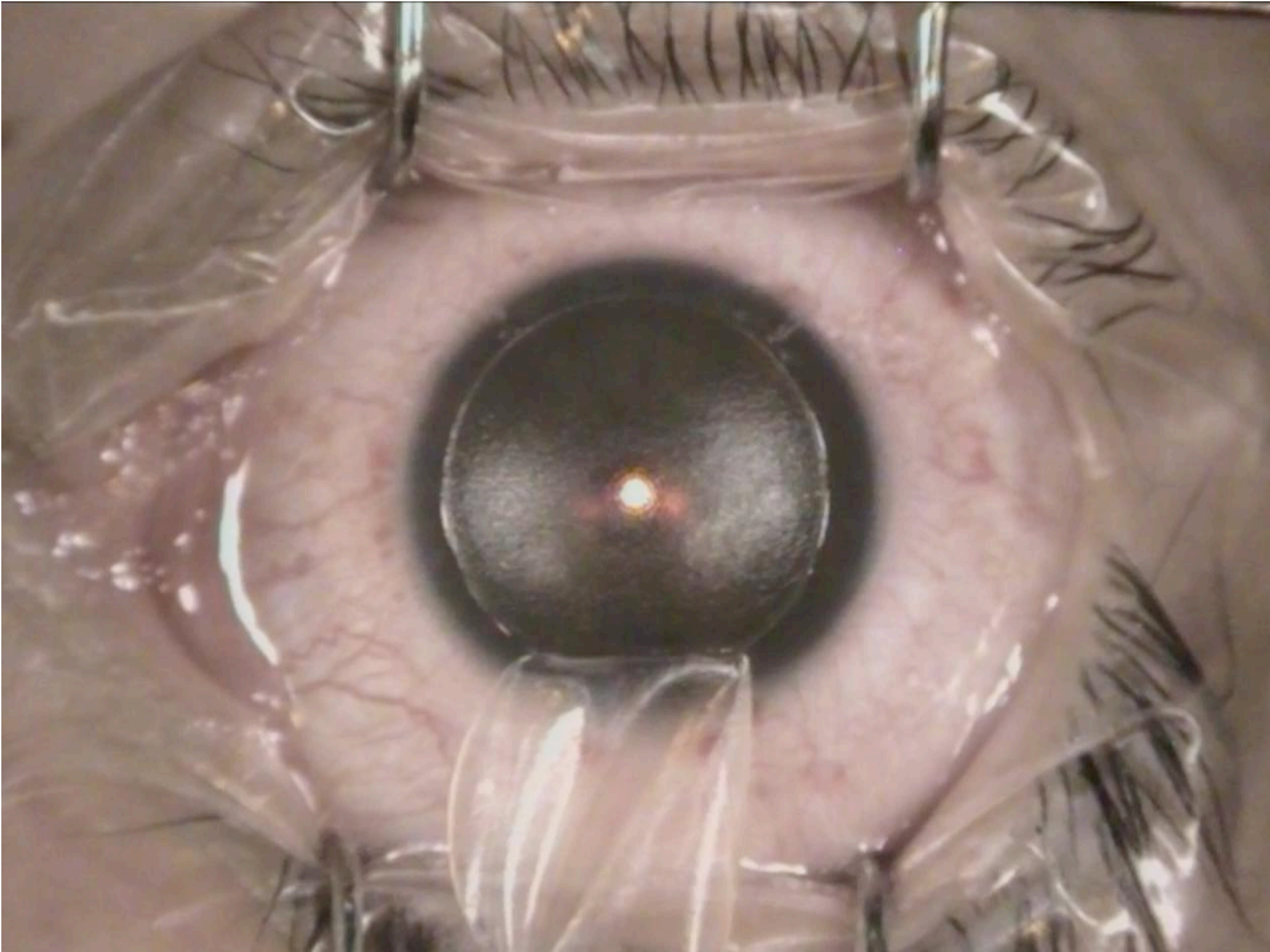
SUCTION
CONTACT

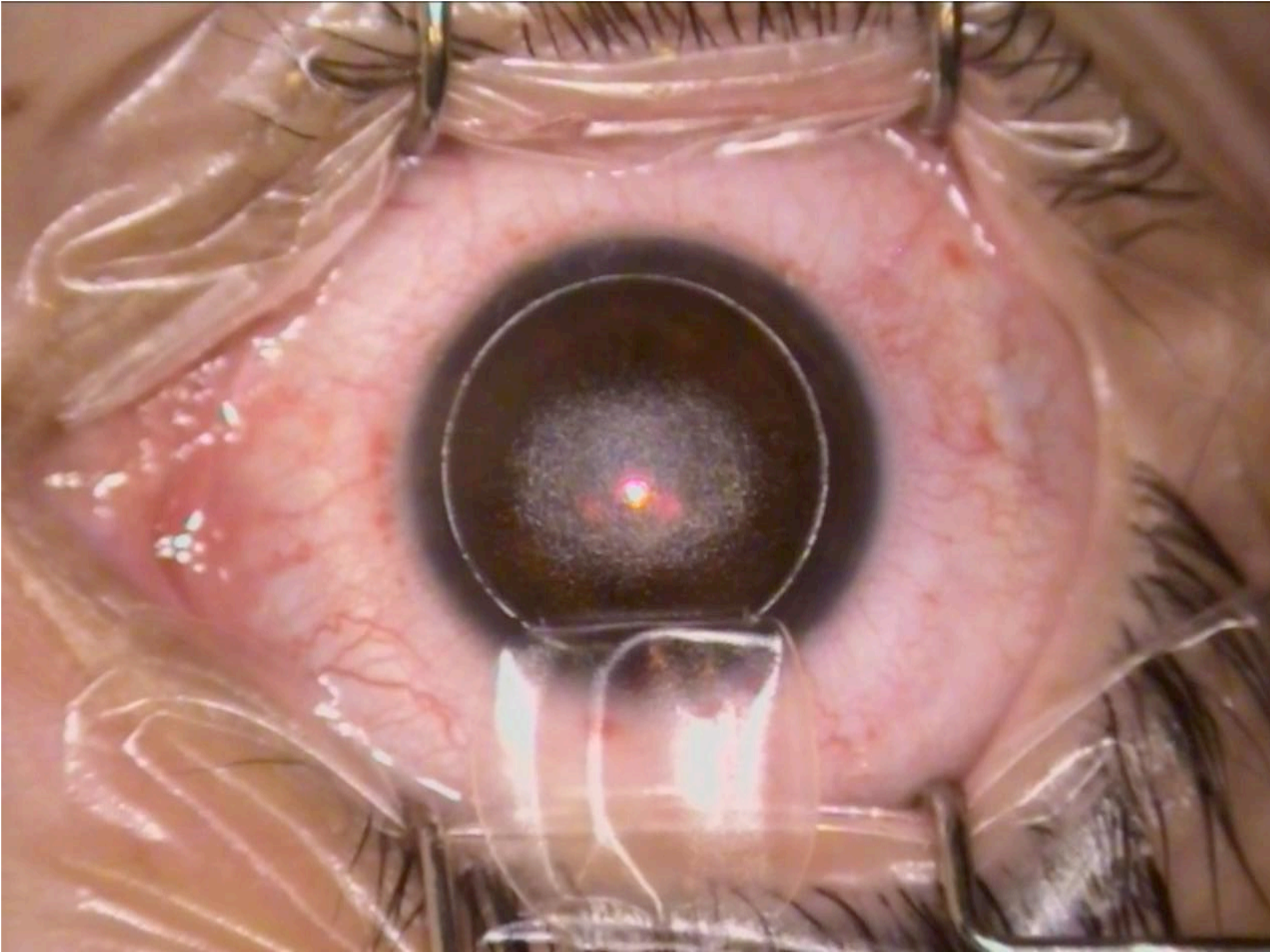






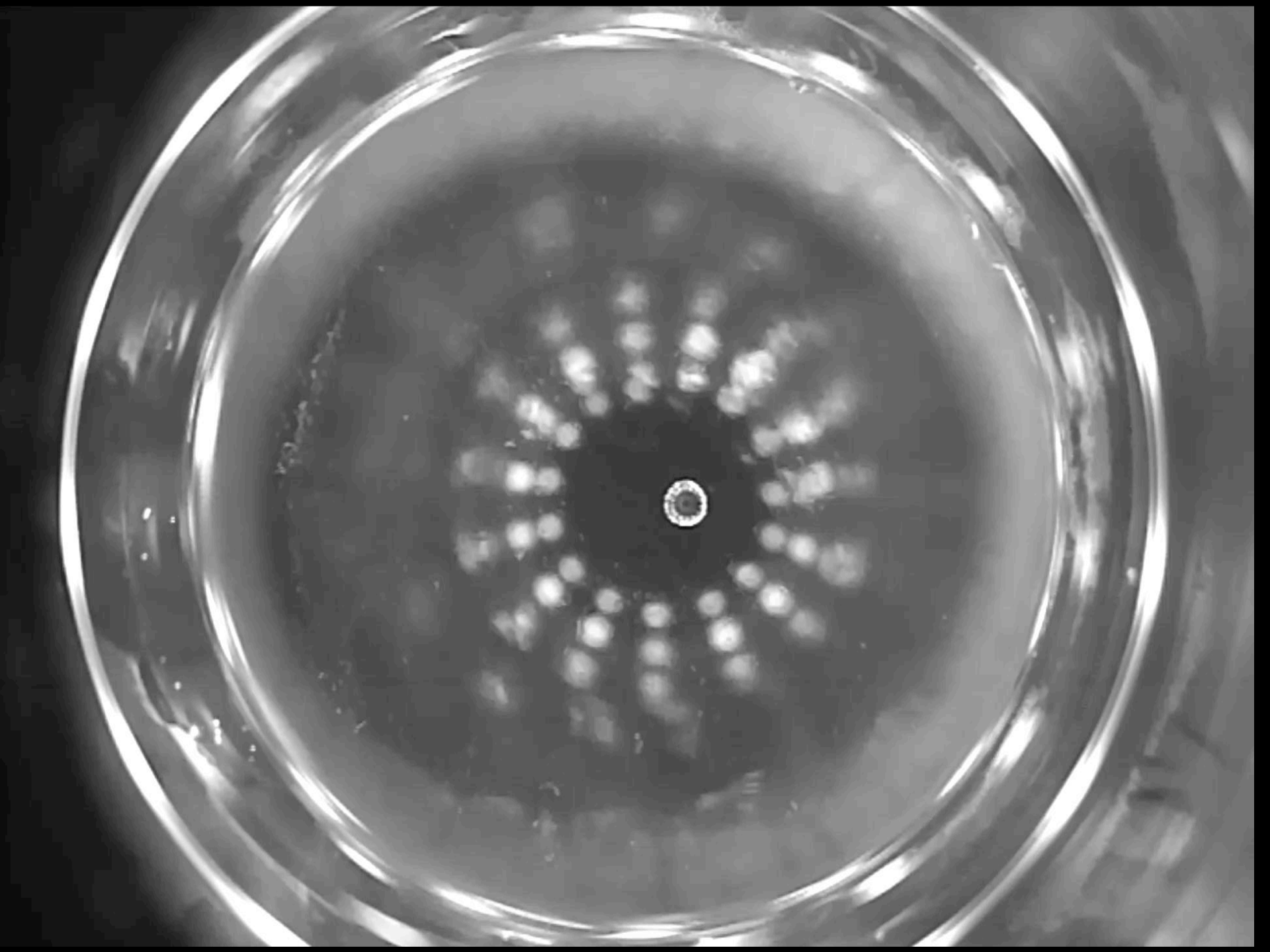




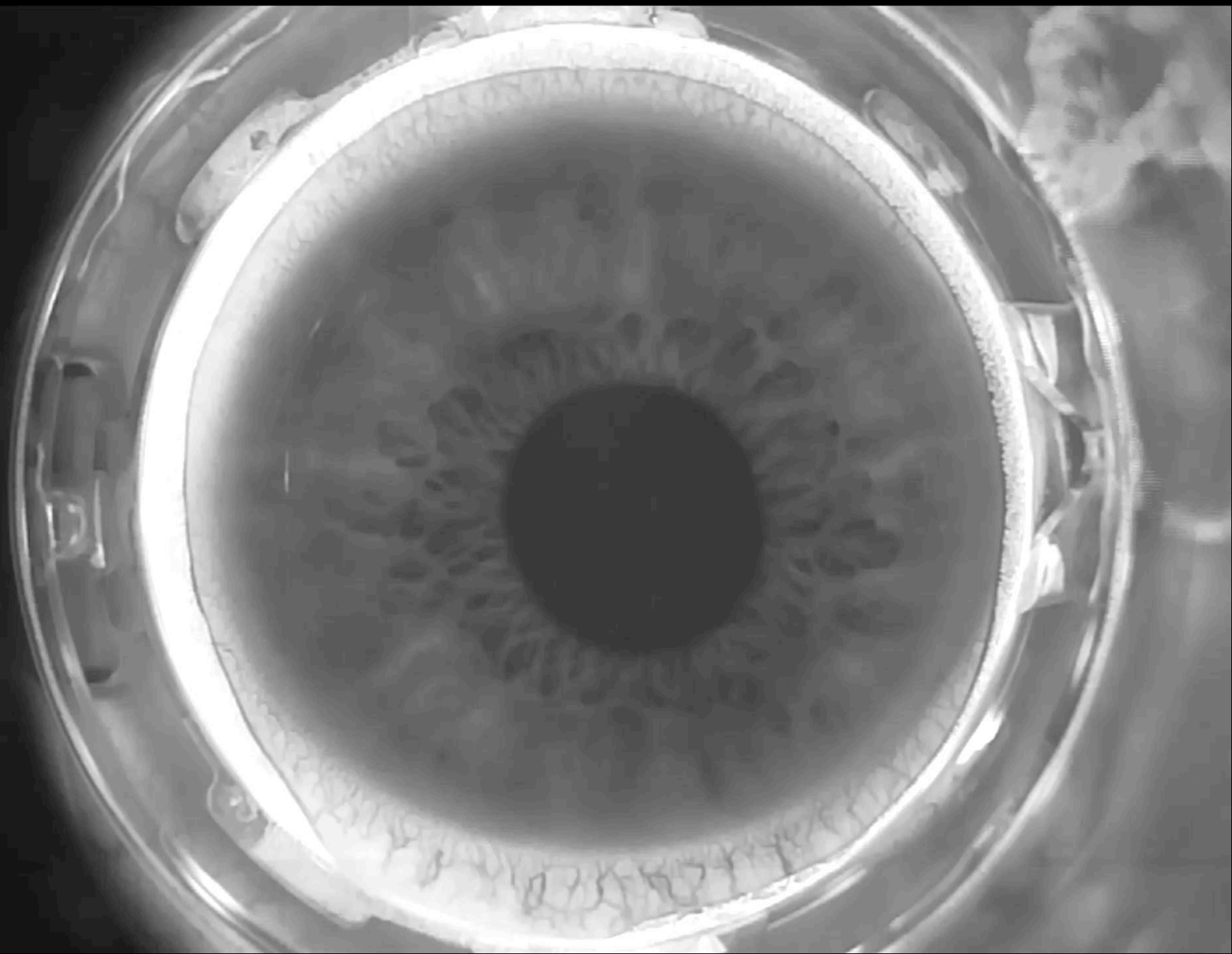


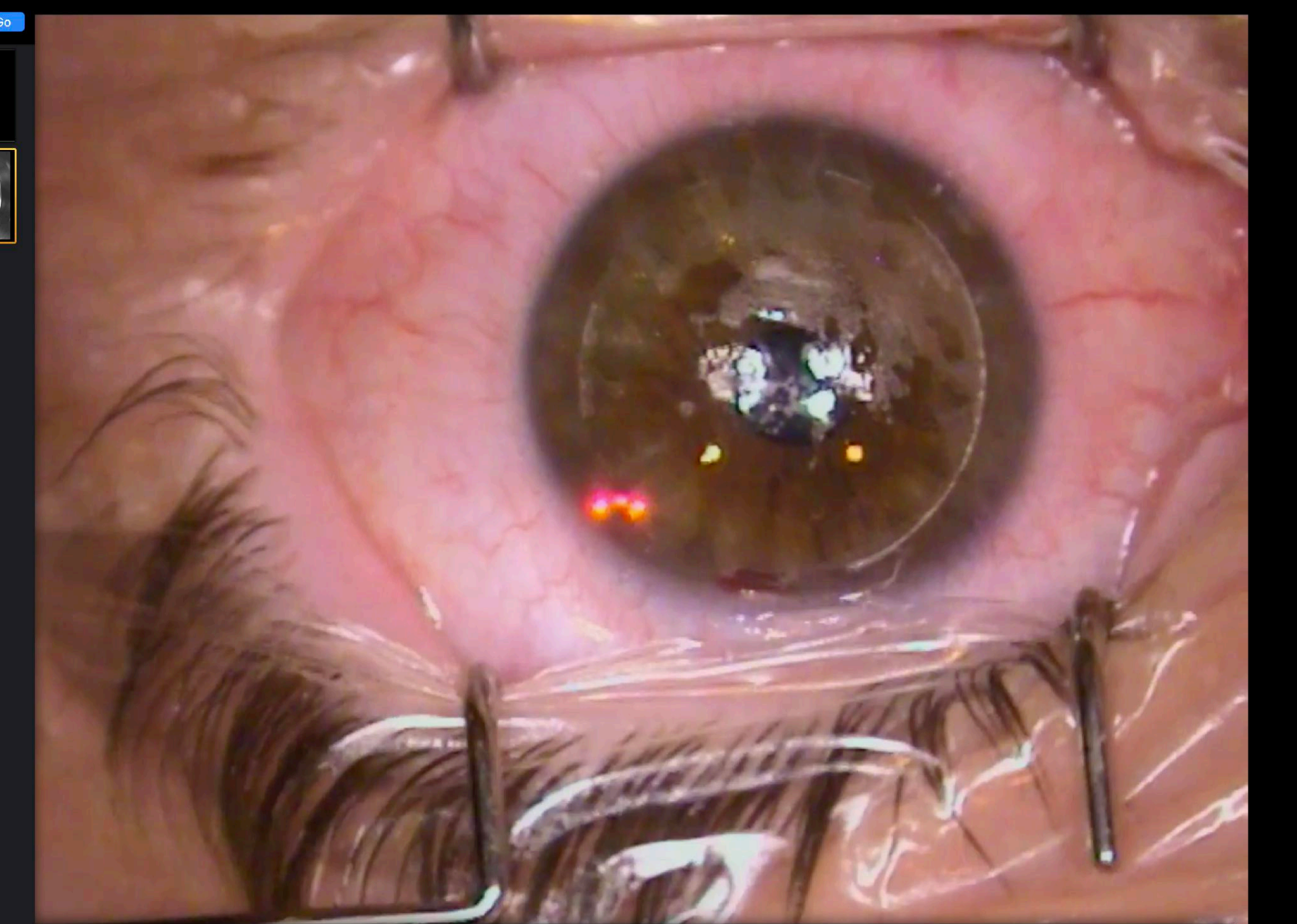
The Femto Flap
May 2018



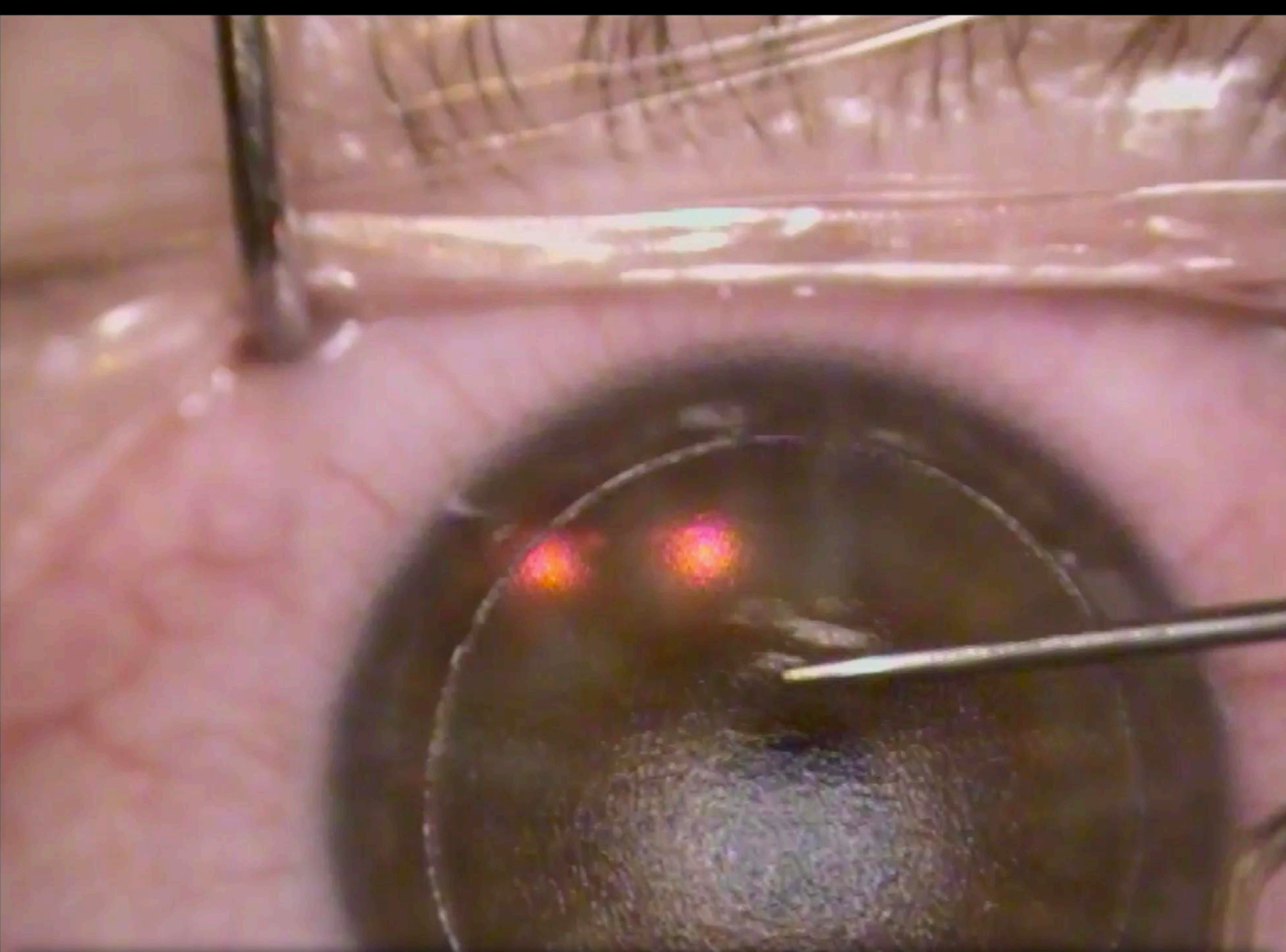


Corneal scar

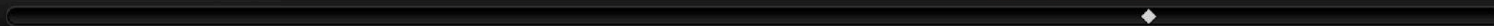






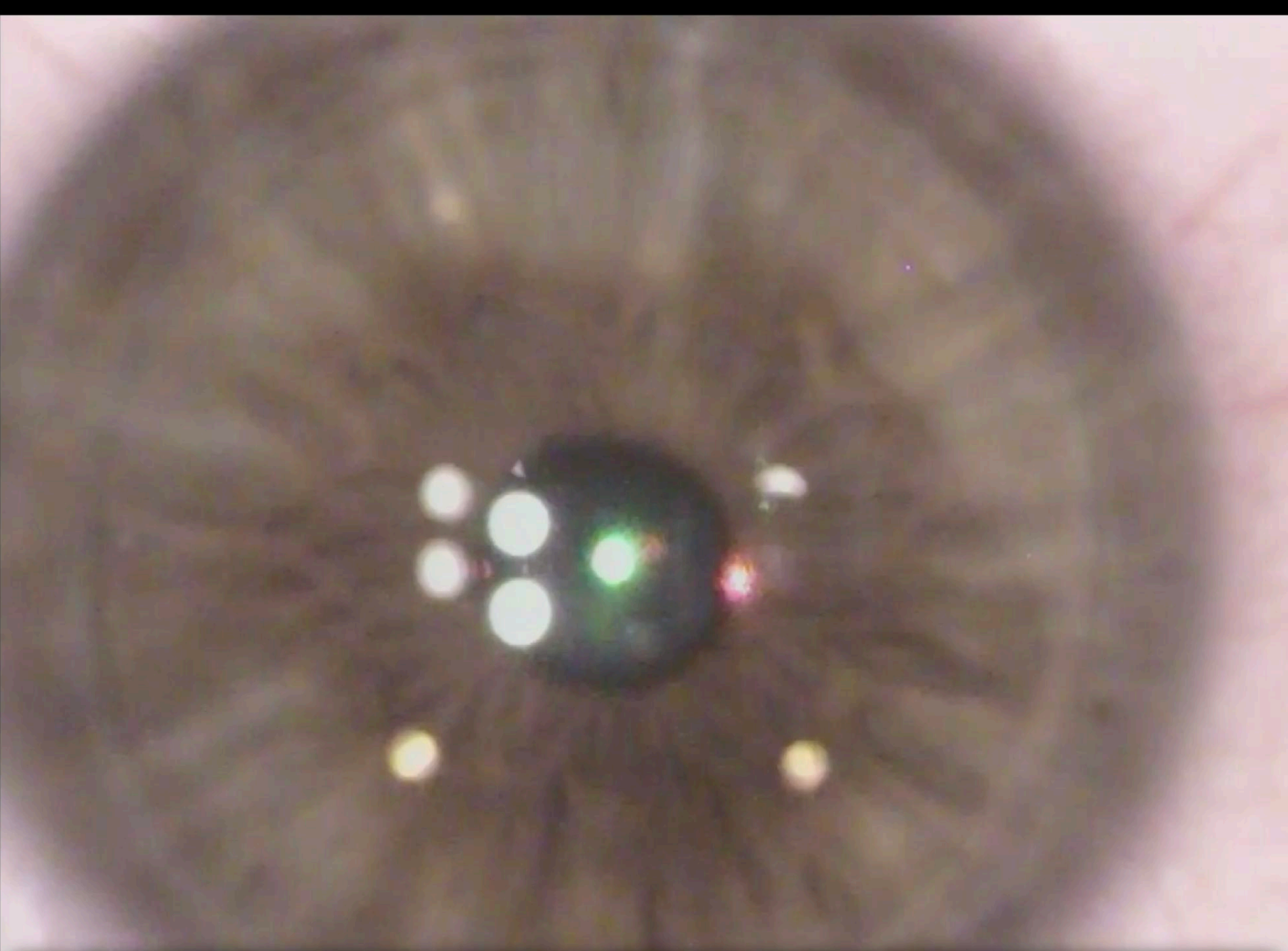


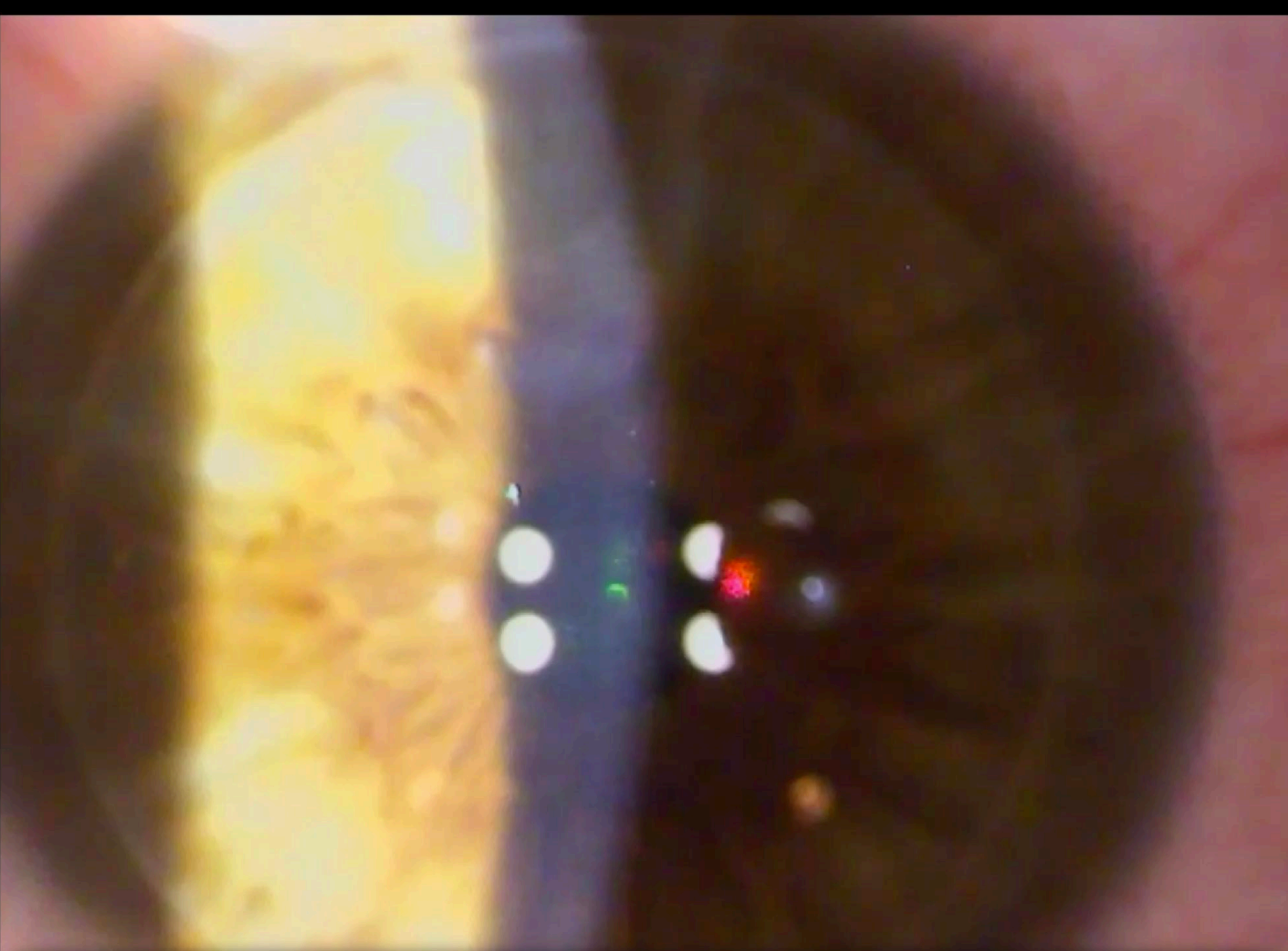
13:42



-04:07



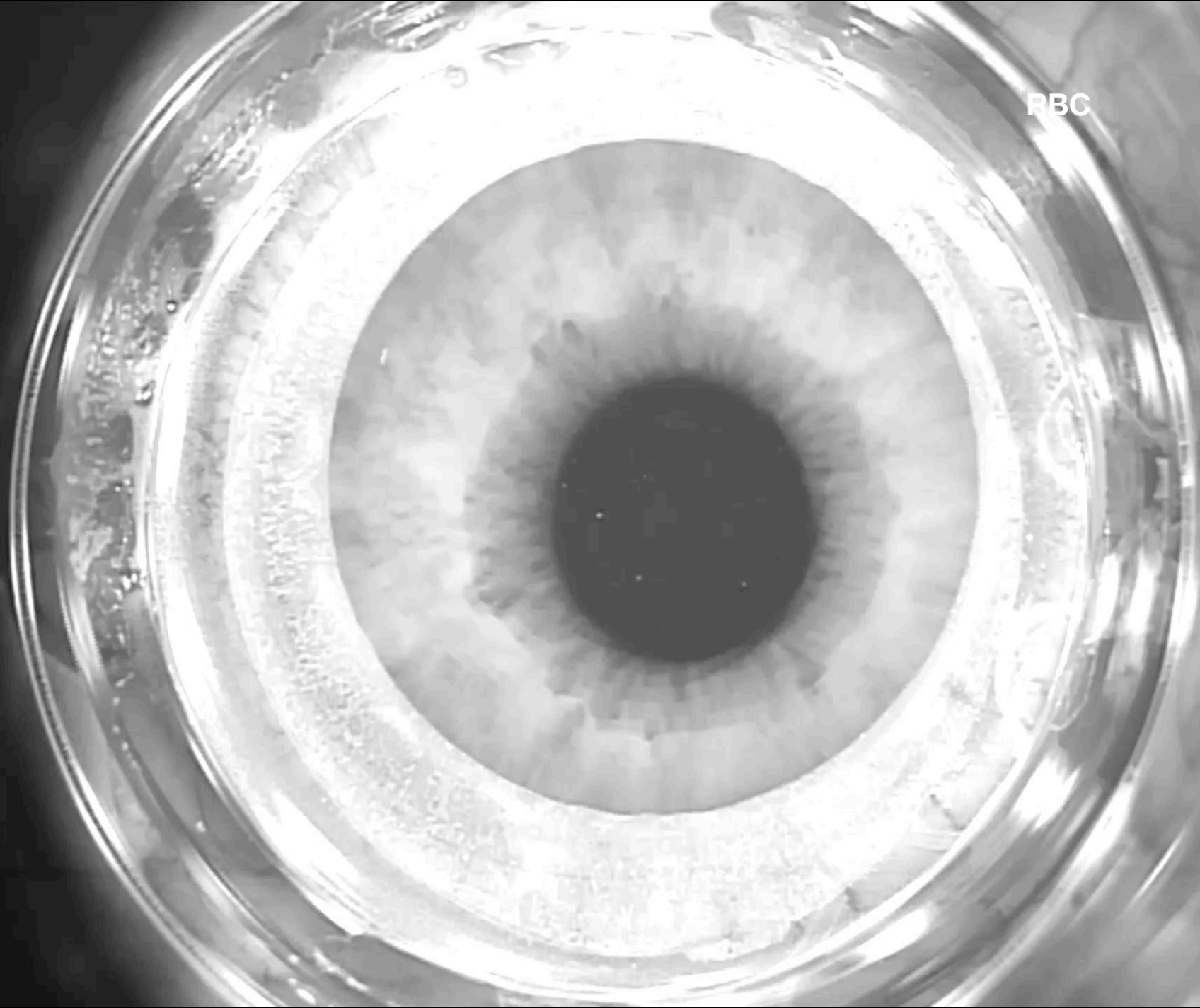






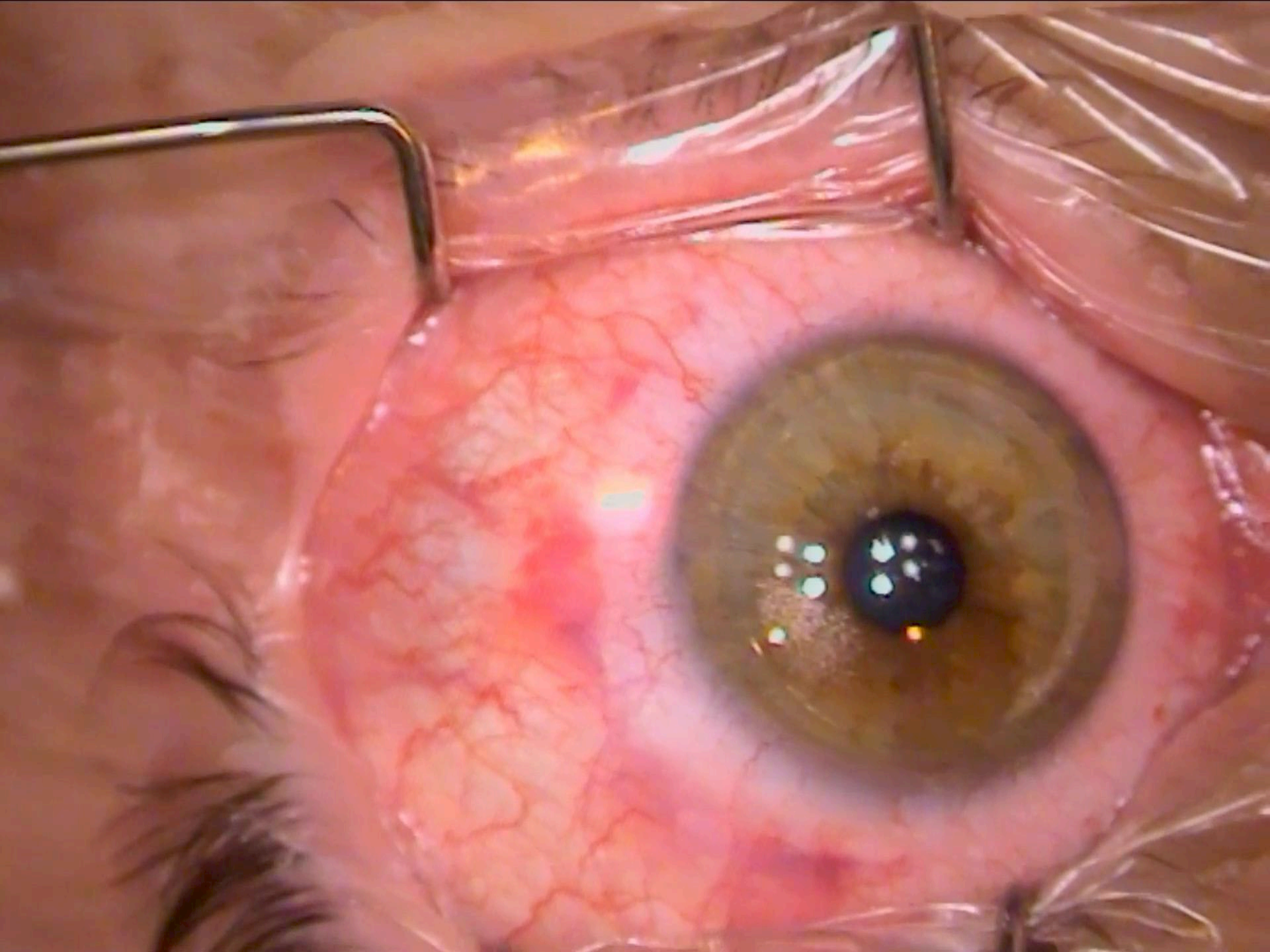
Normal venting of Gas with RBC

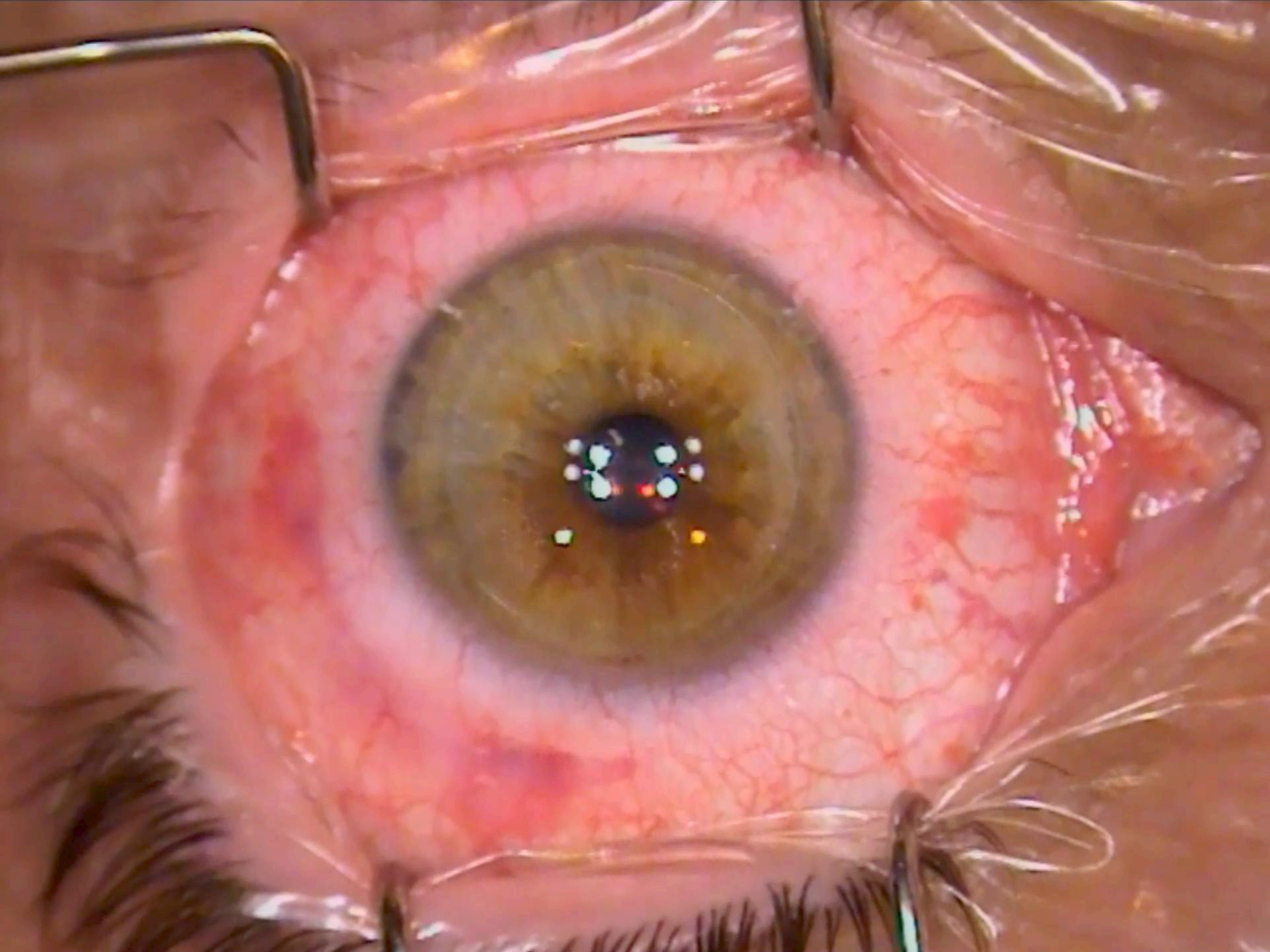
RBC

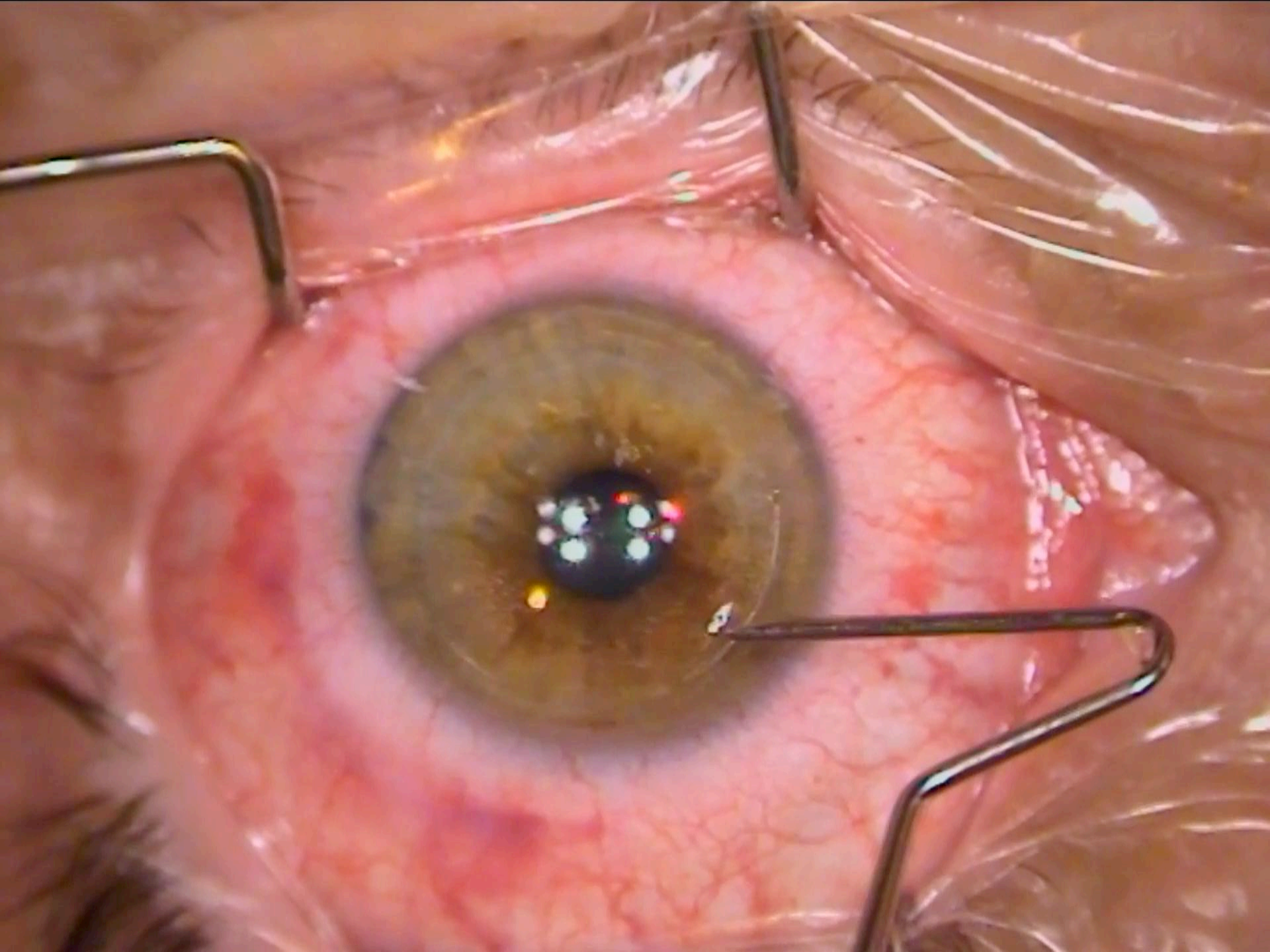


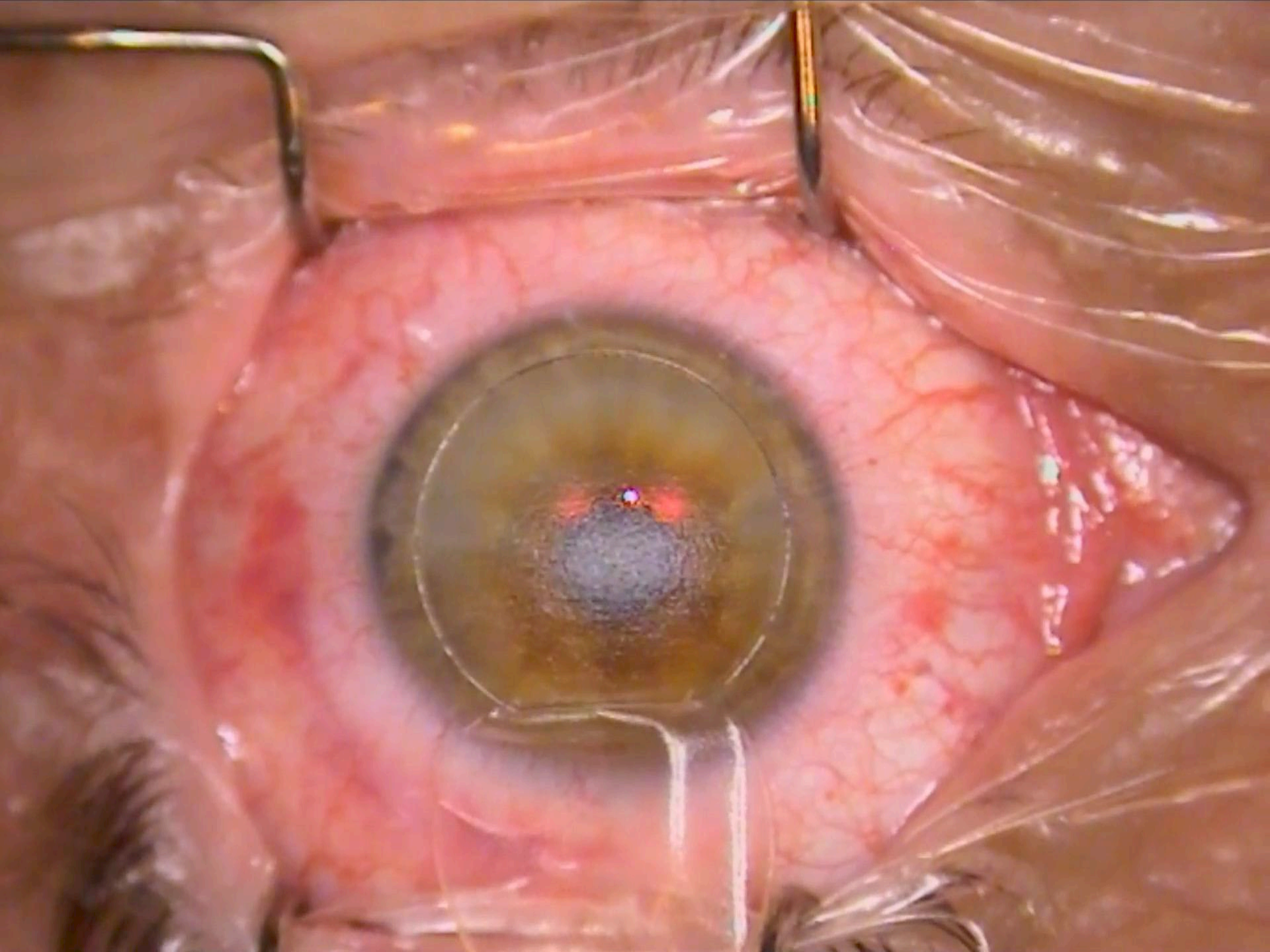
OBL resolution



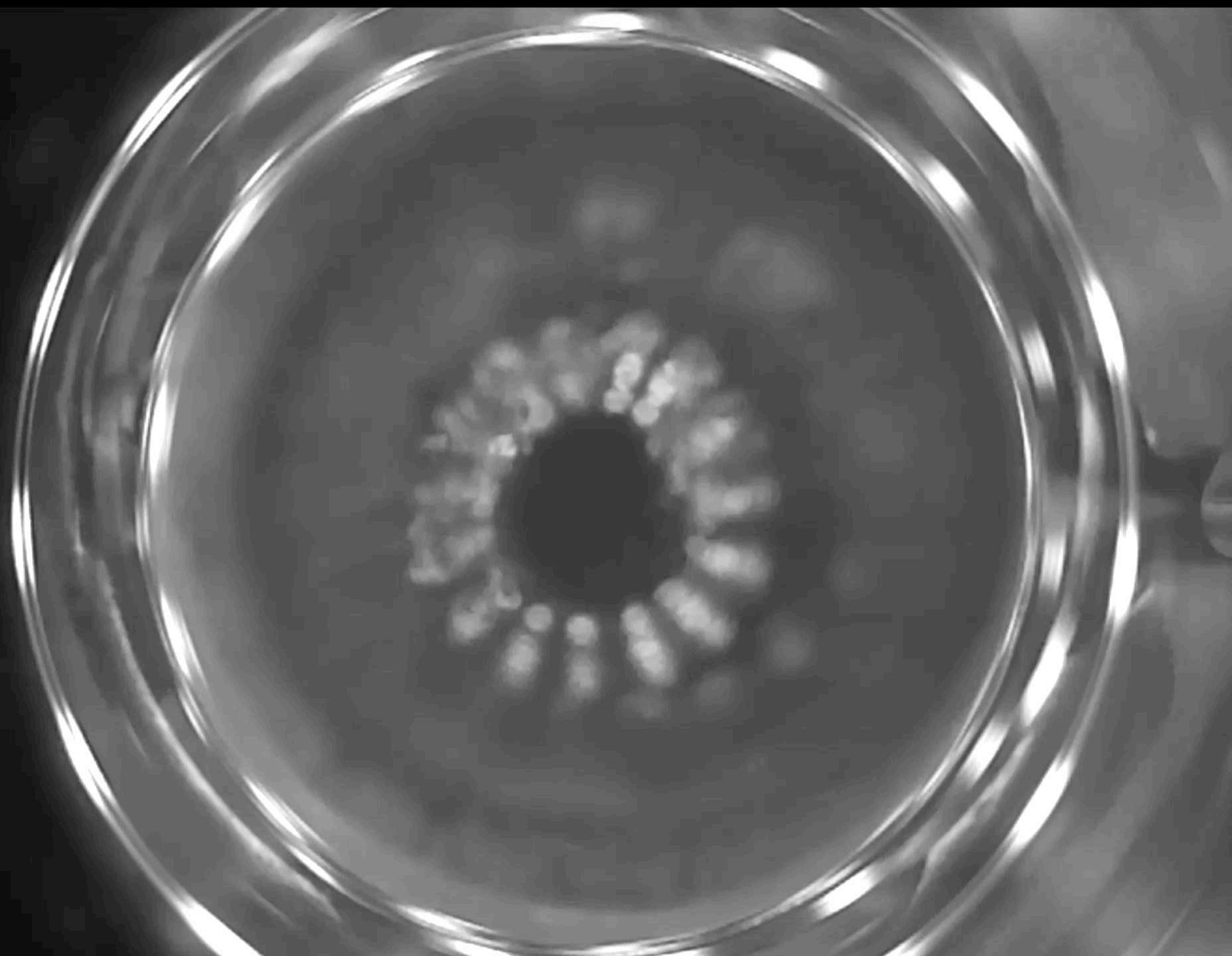


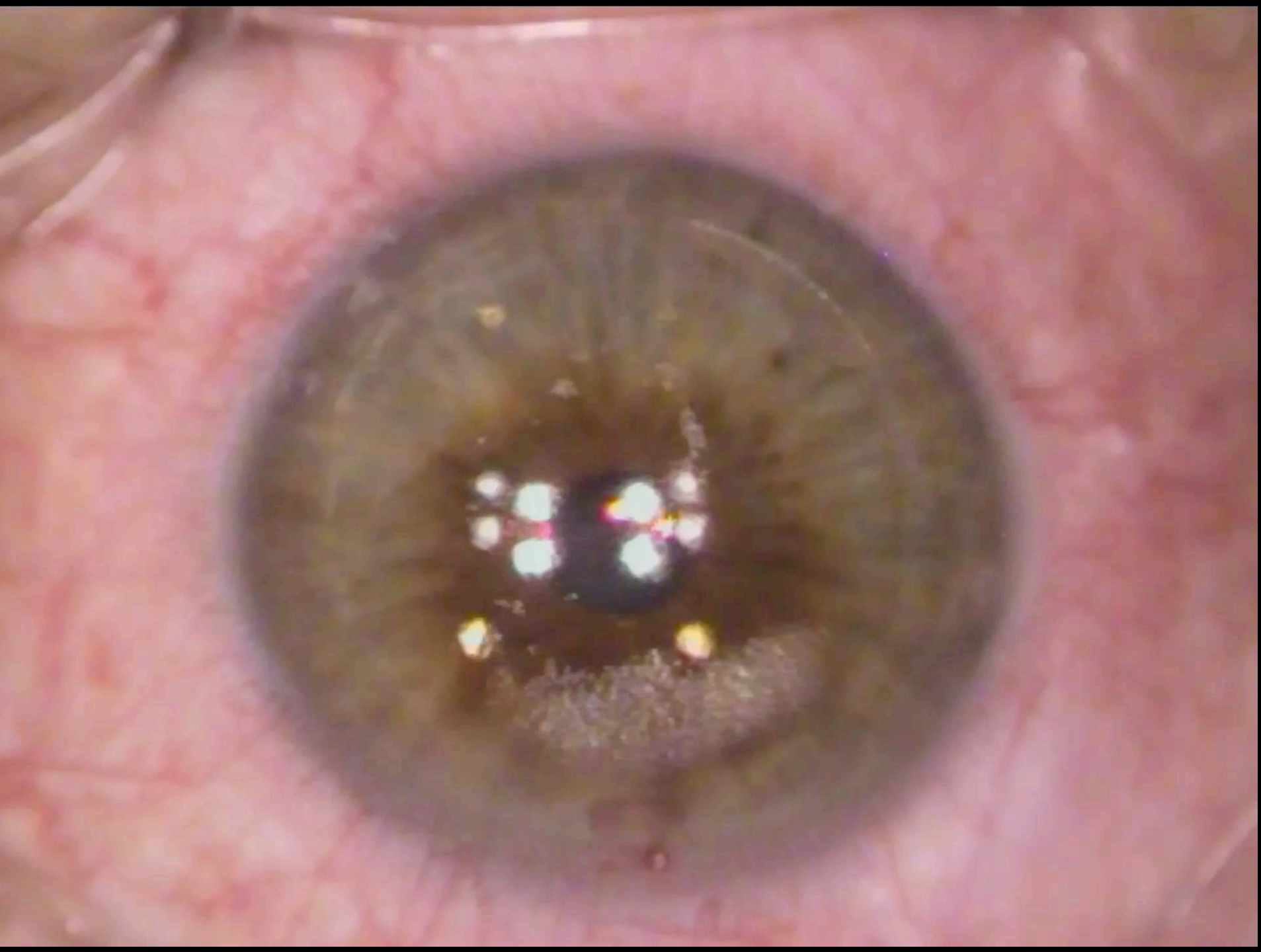


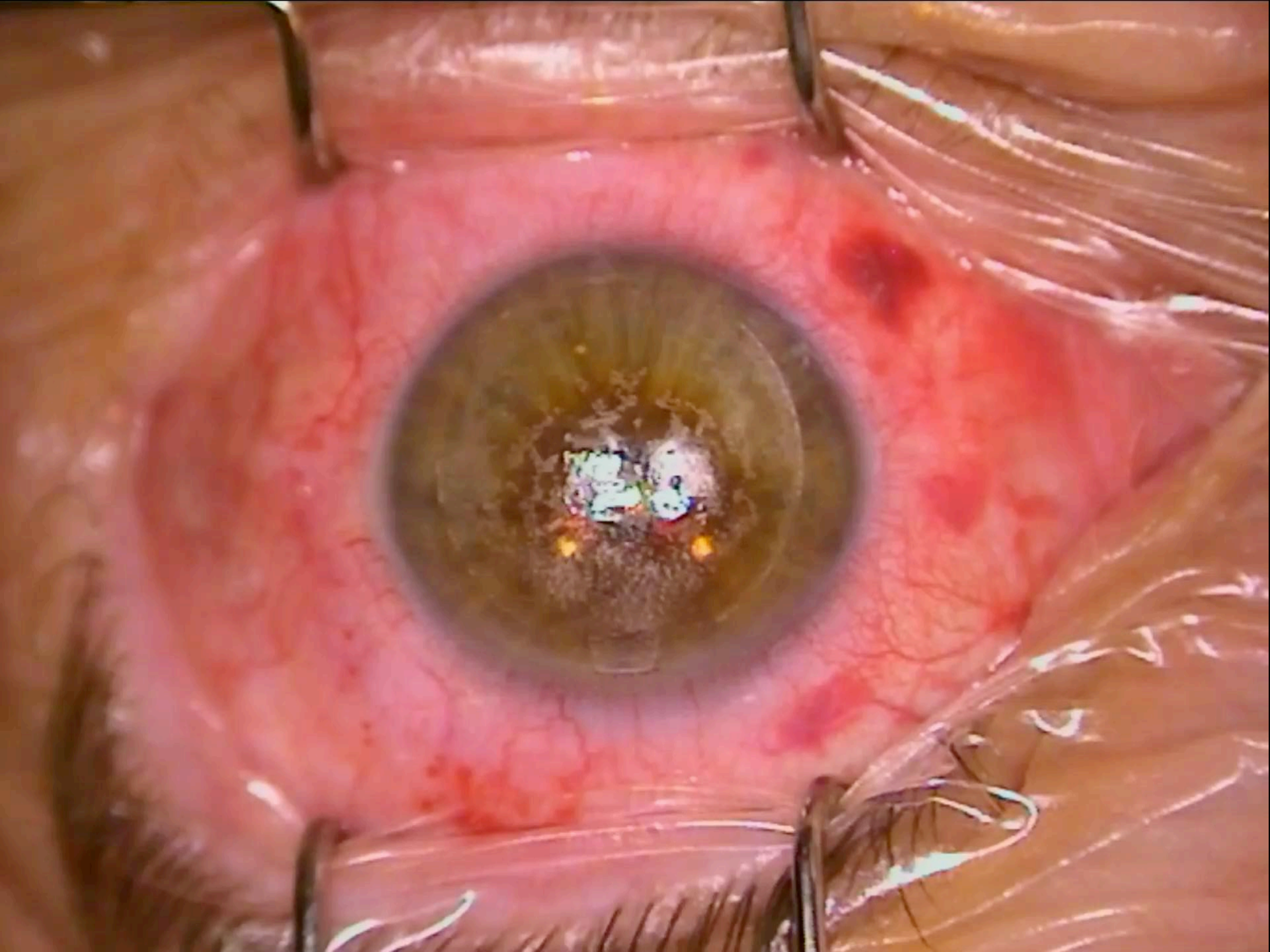




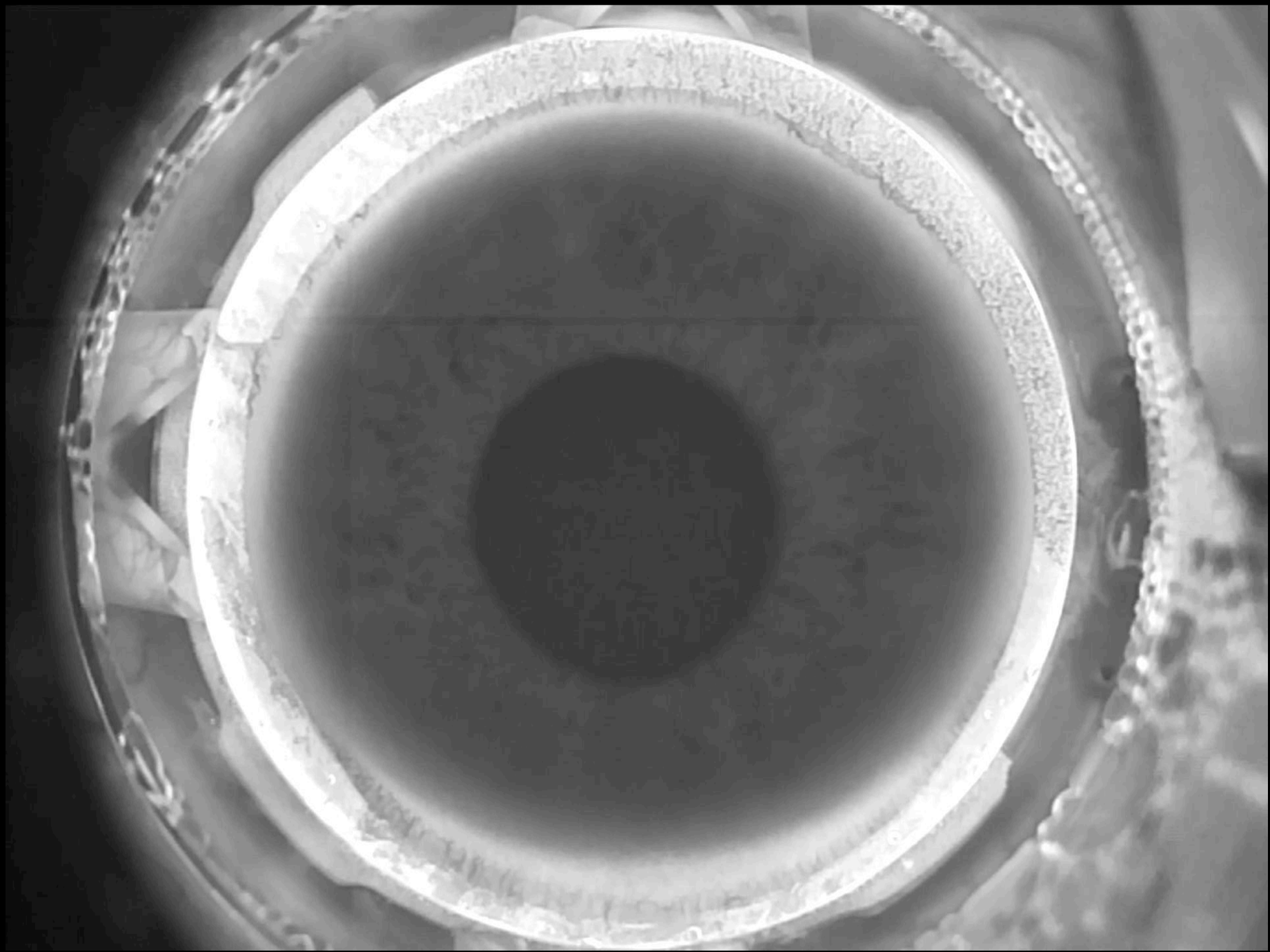
OBL

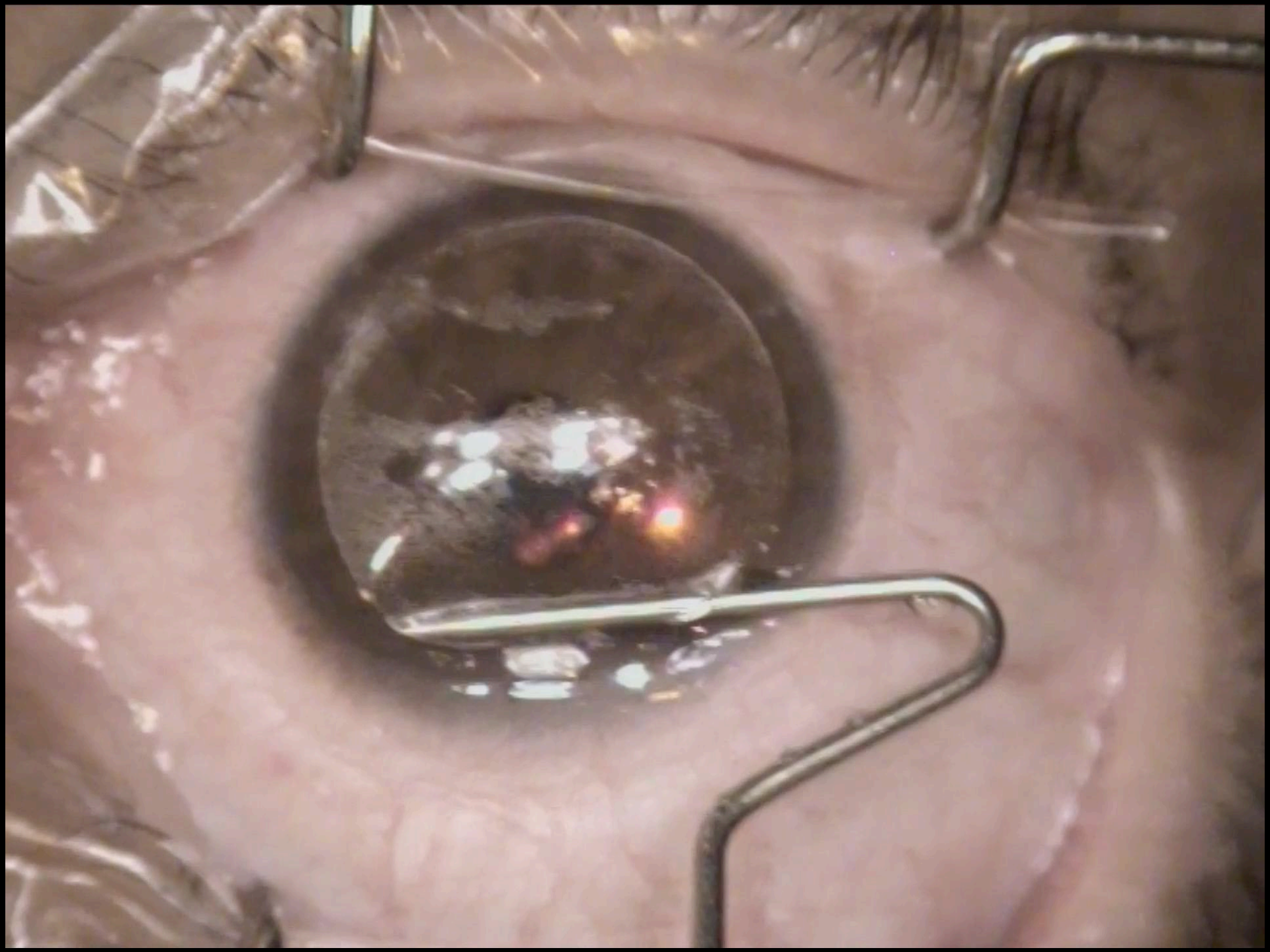


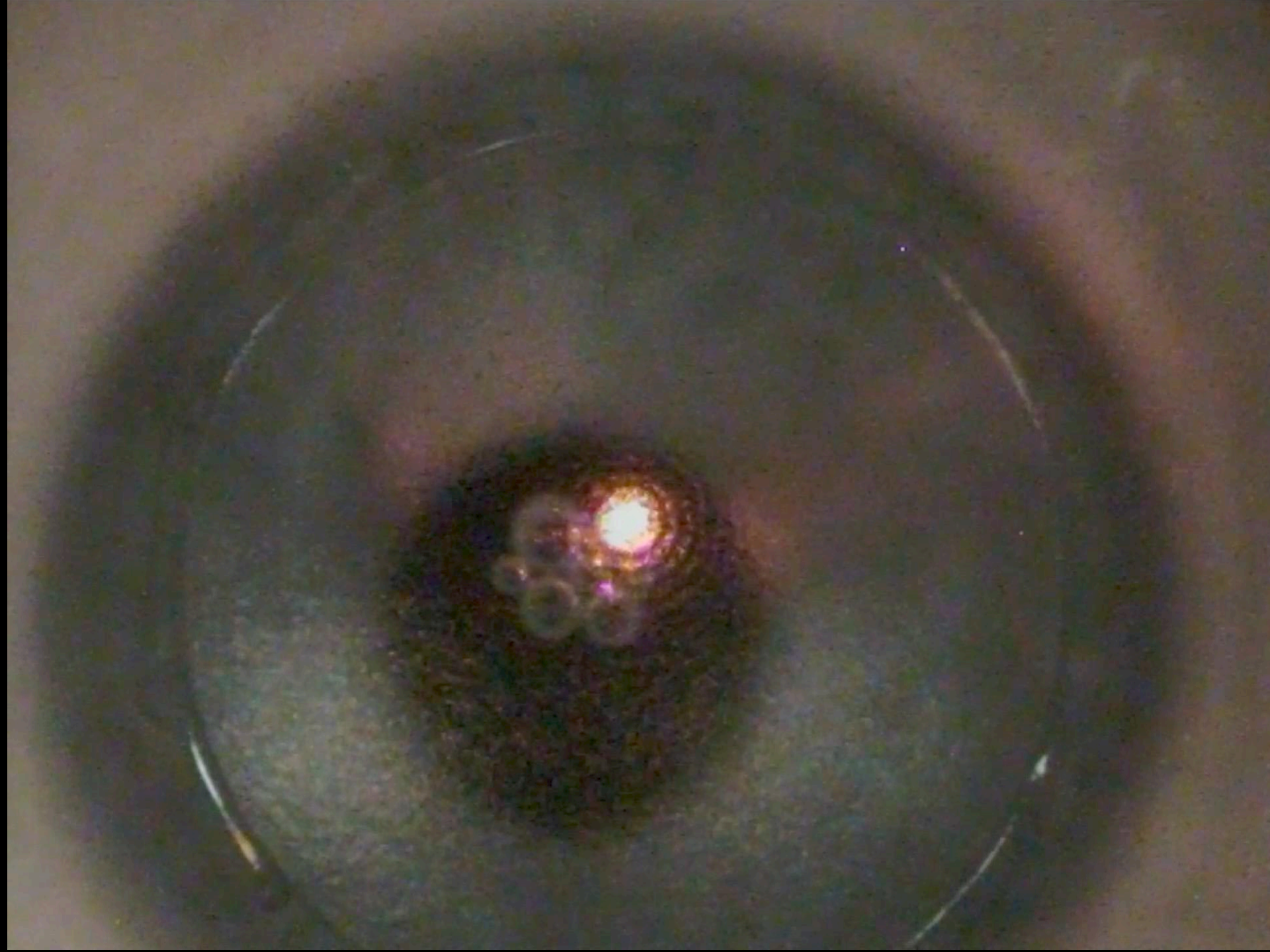


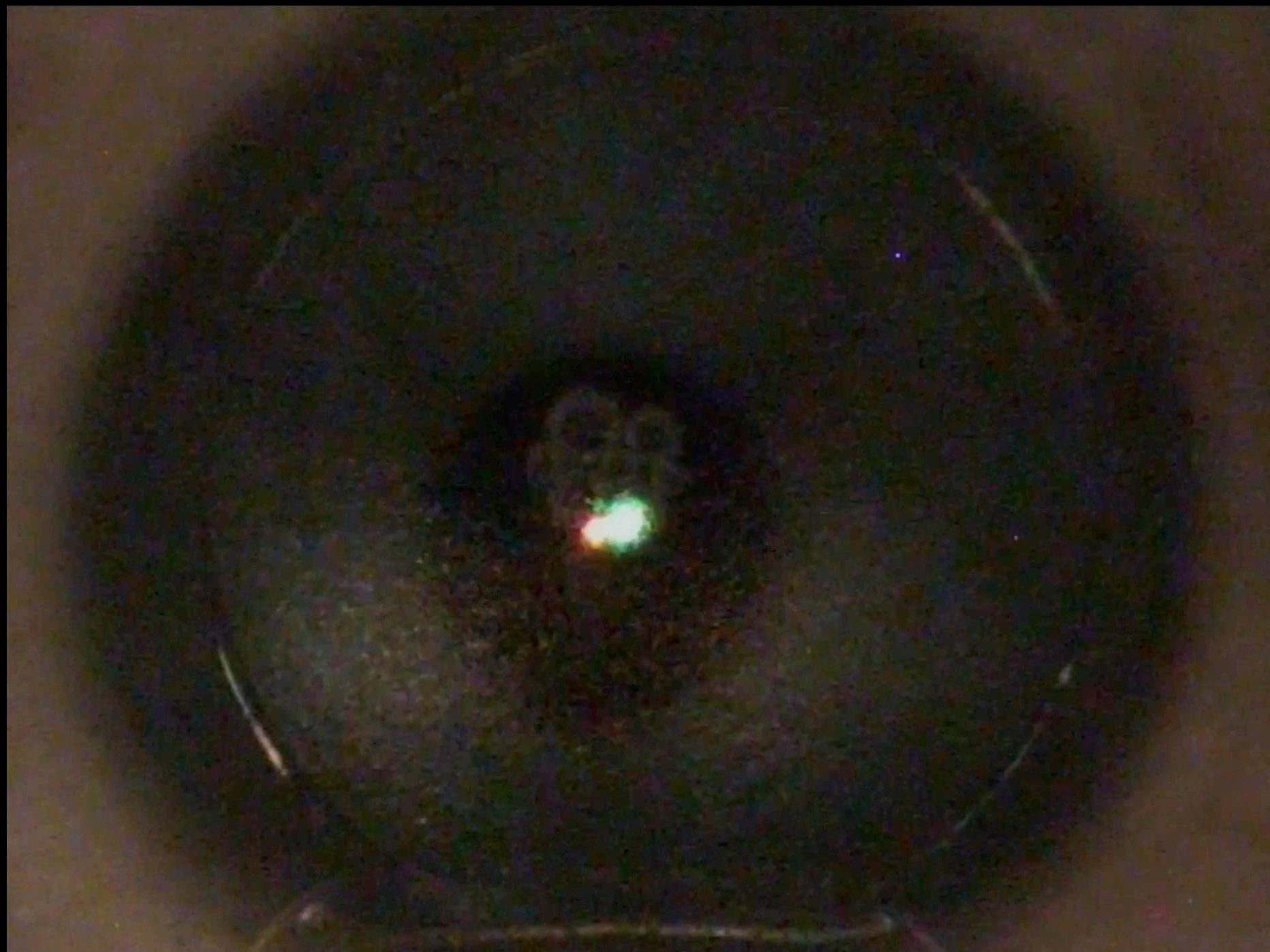


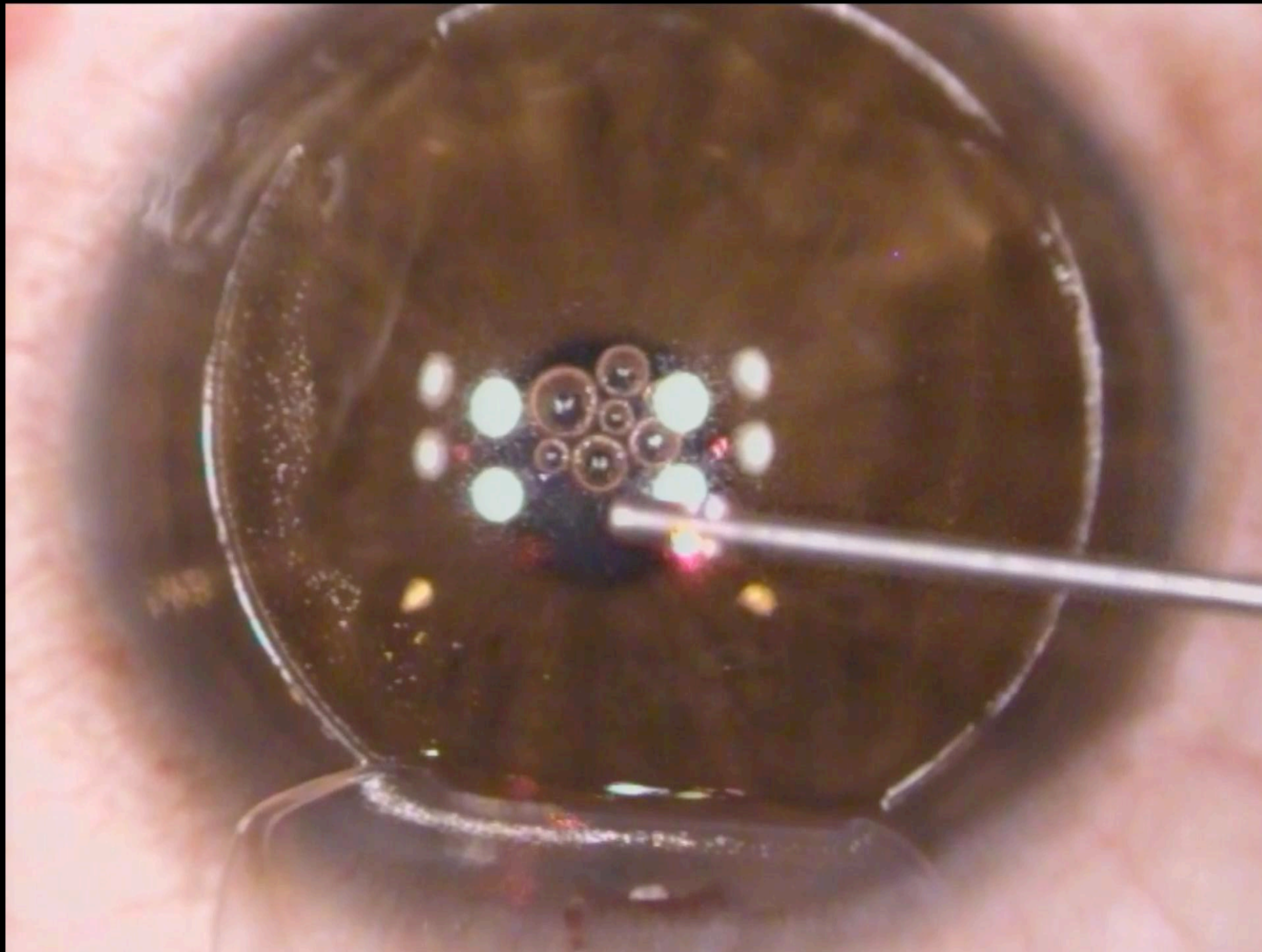
Bubbles in the AC



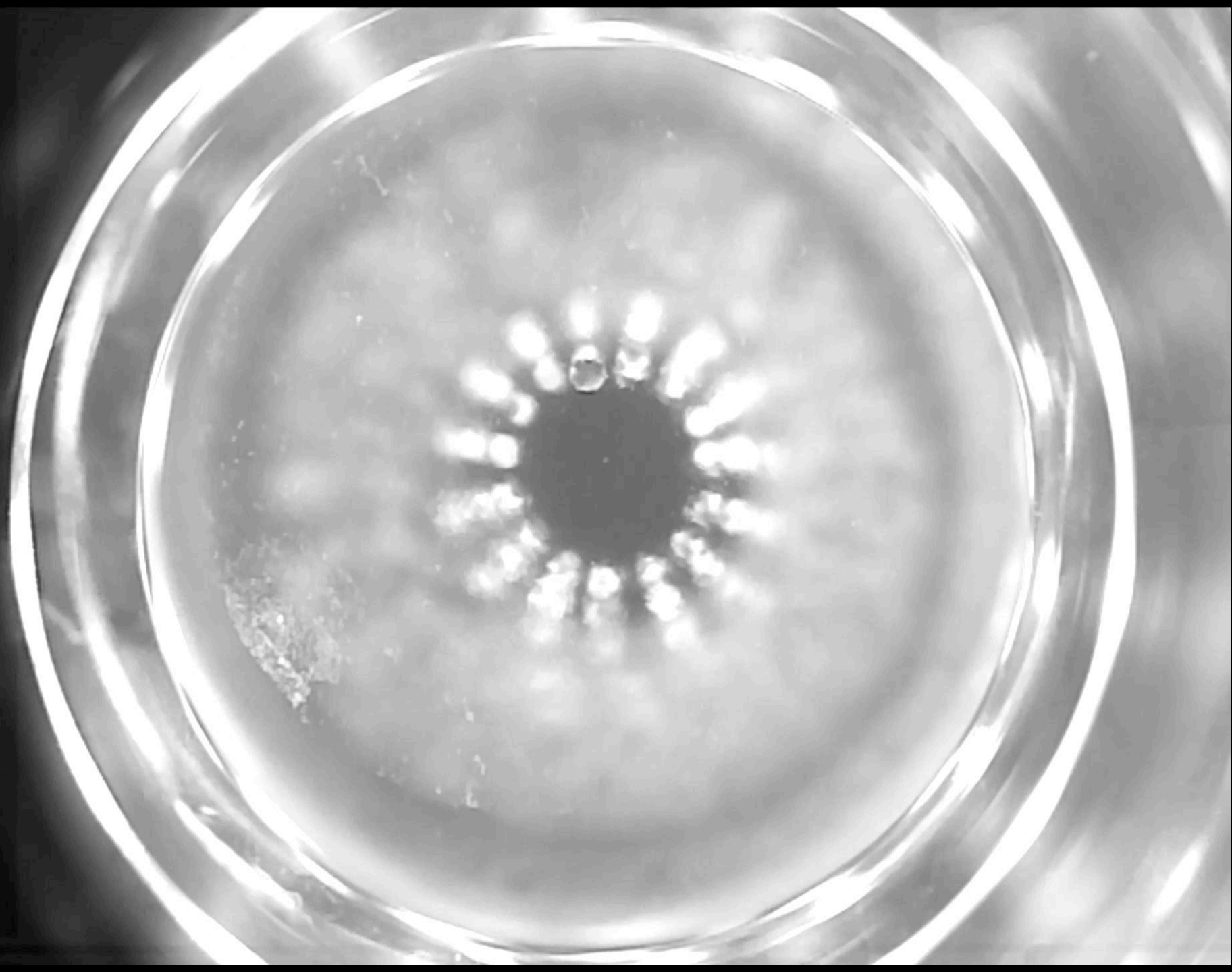


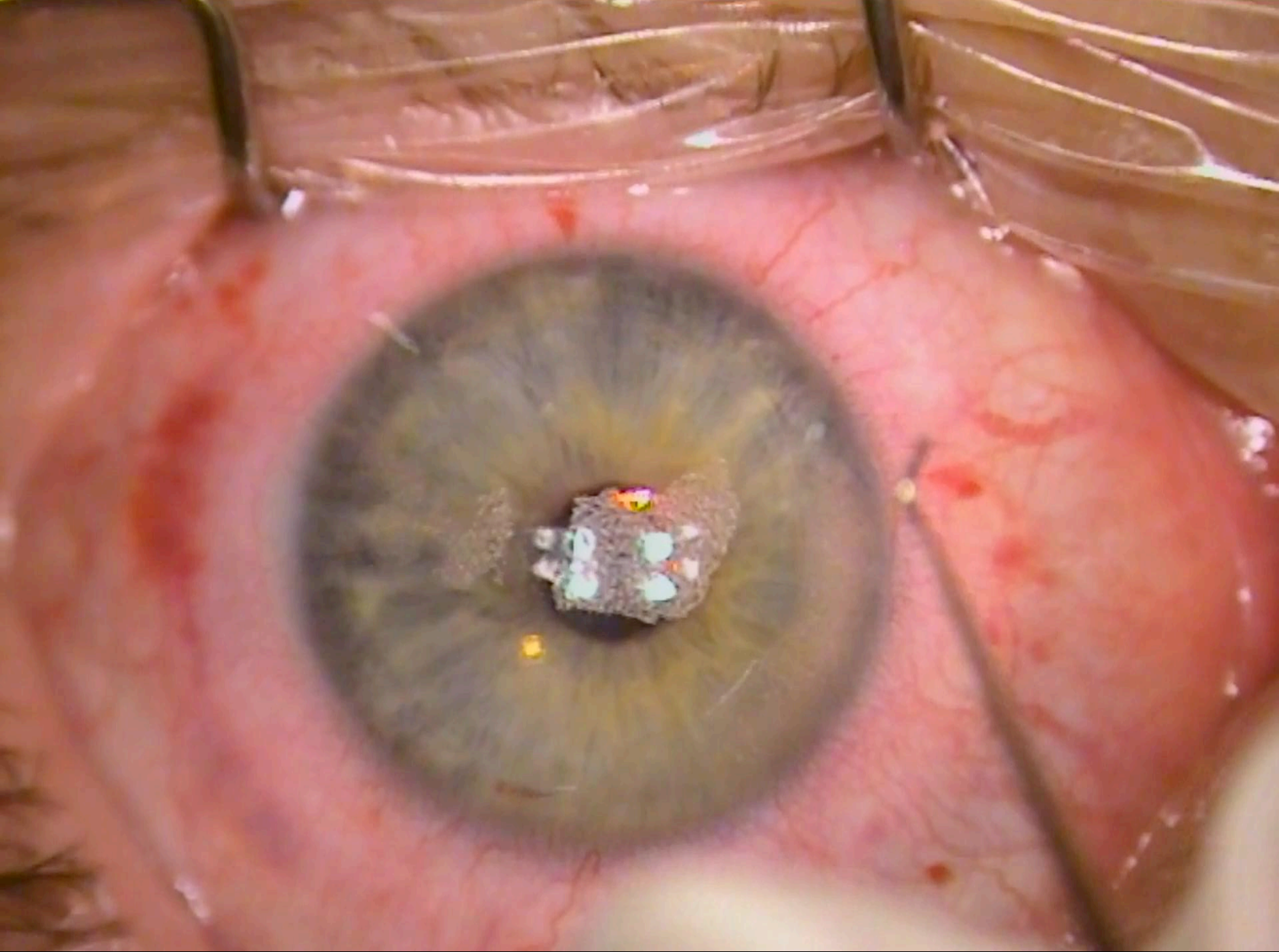




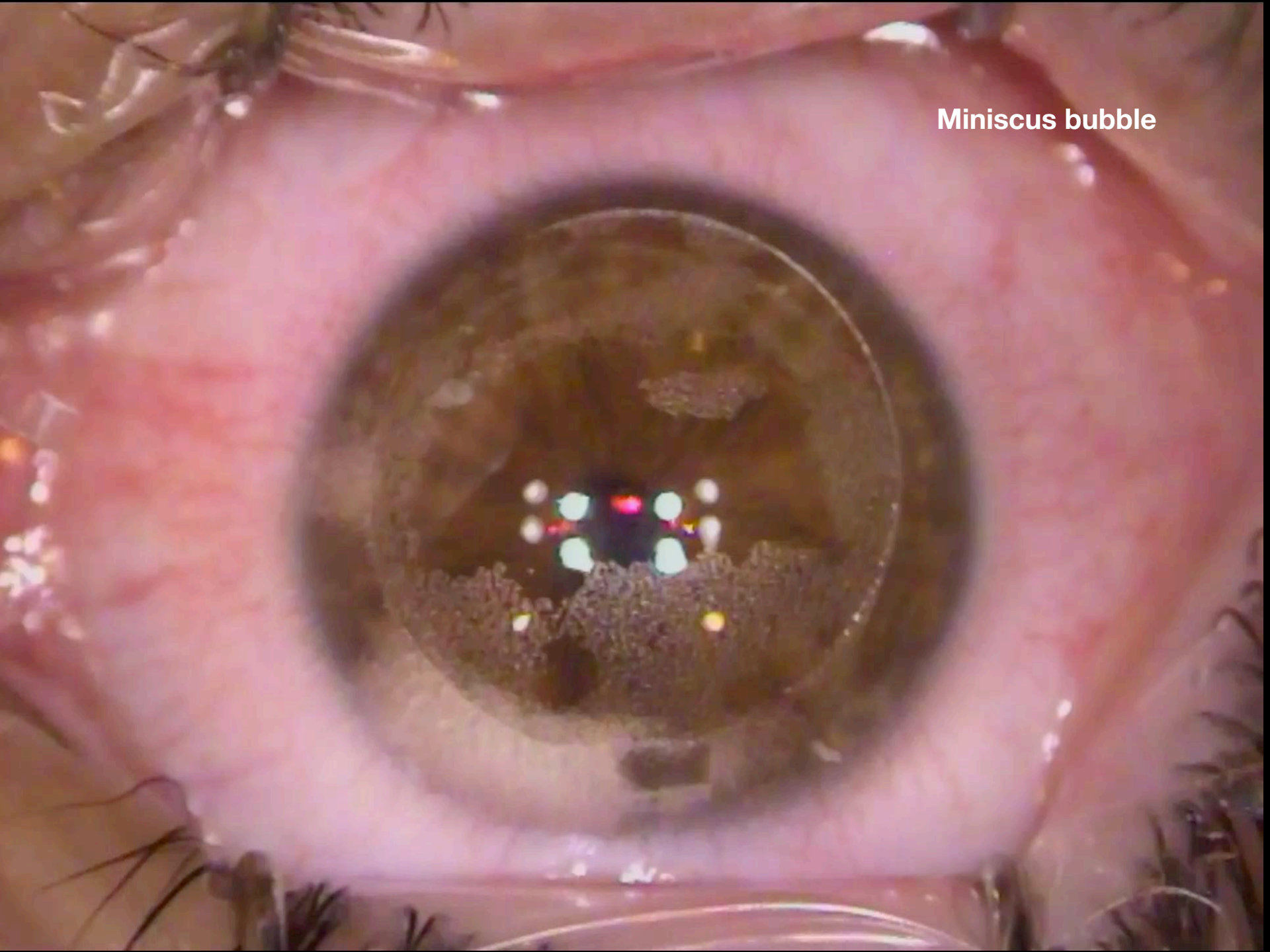


**Bell's with nasal
offset**

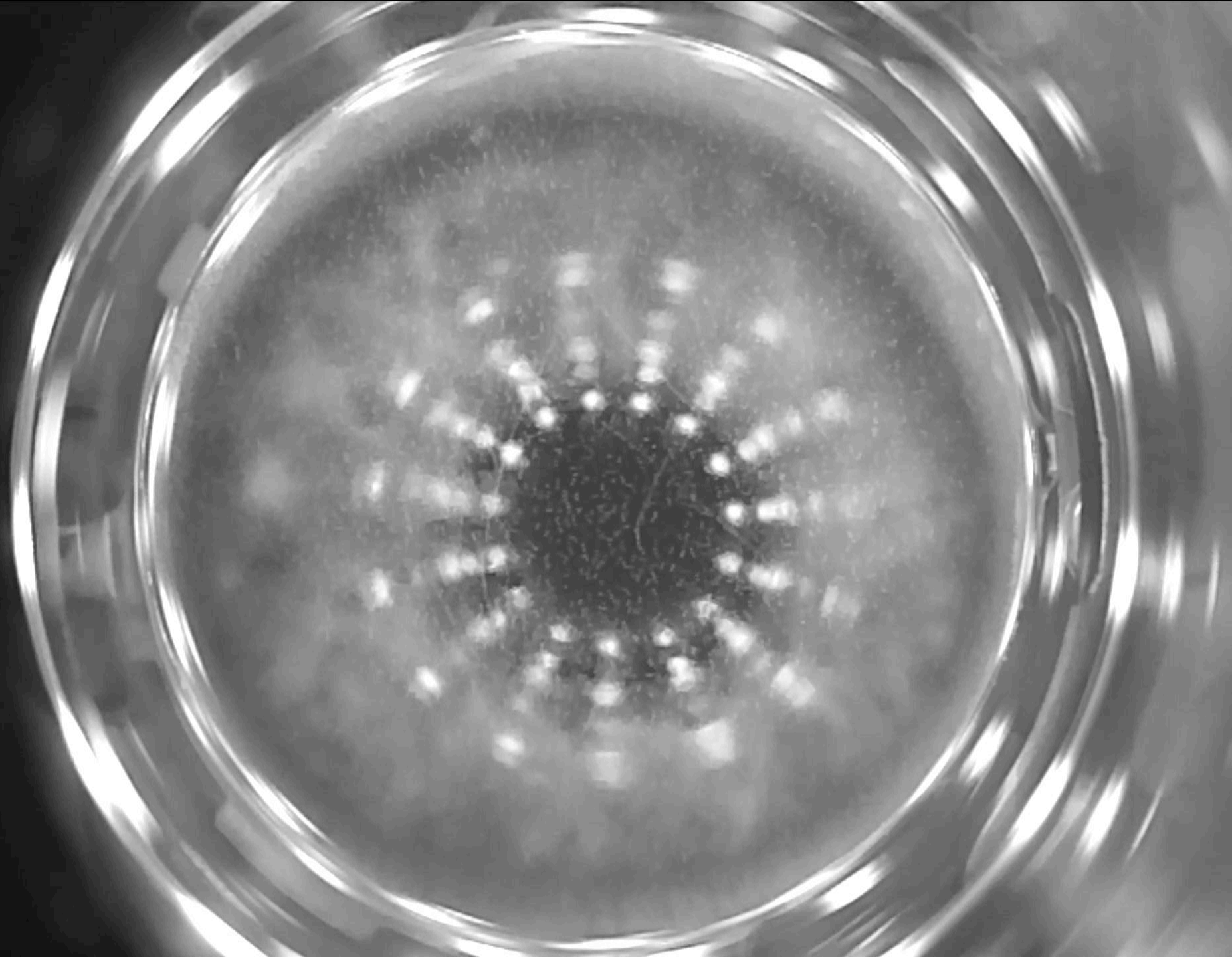




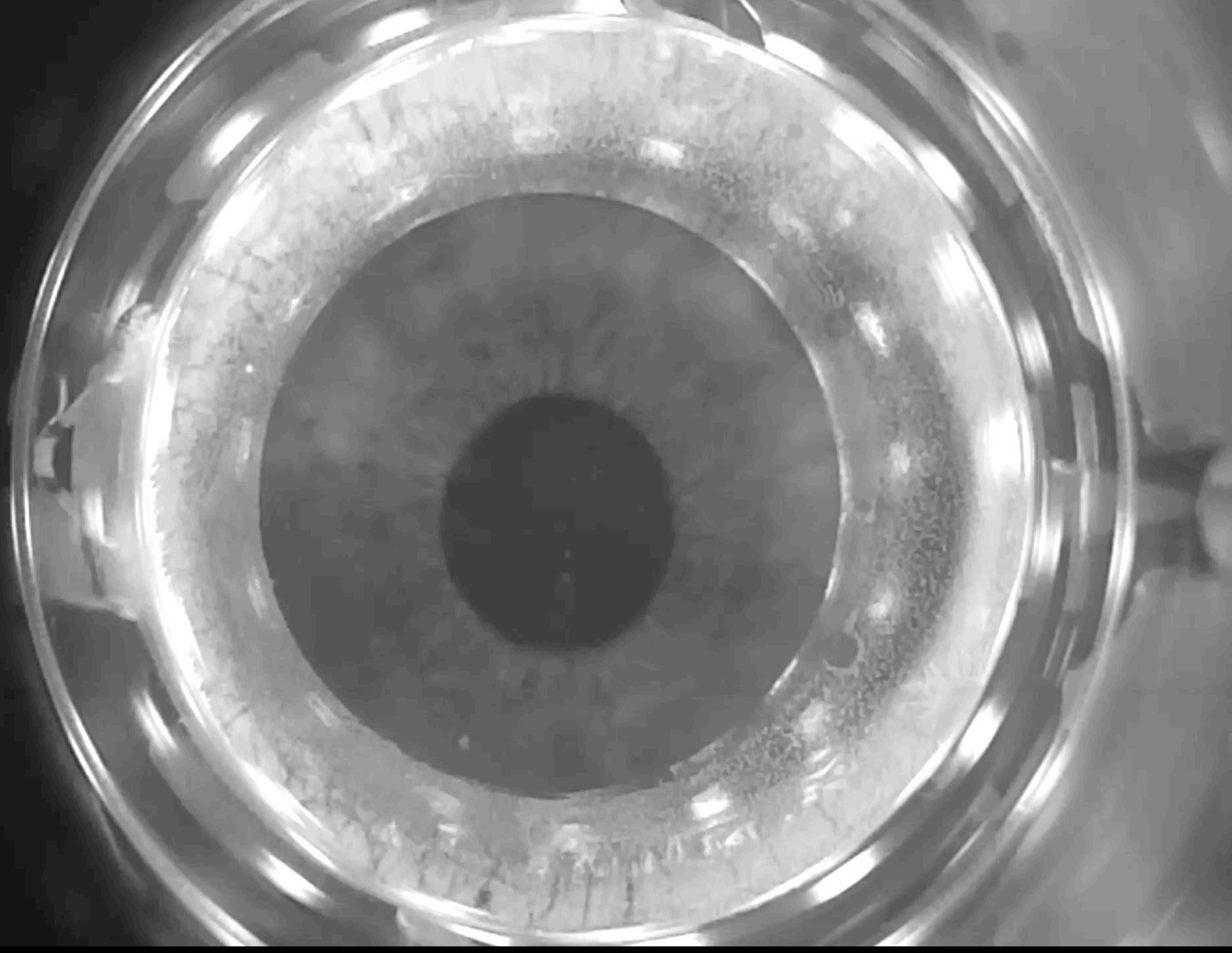
Miniscus bubble

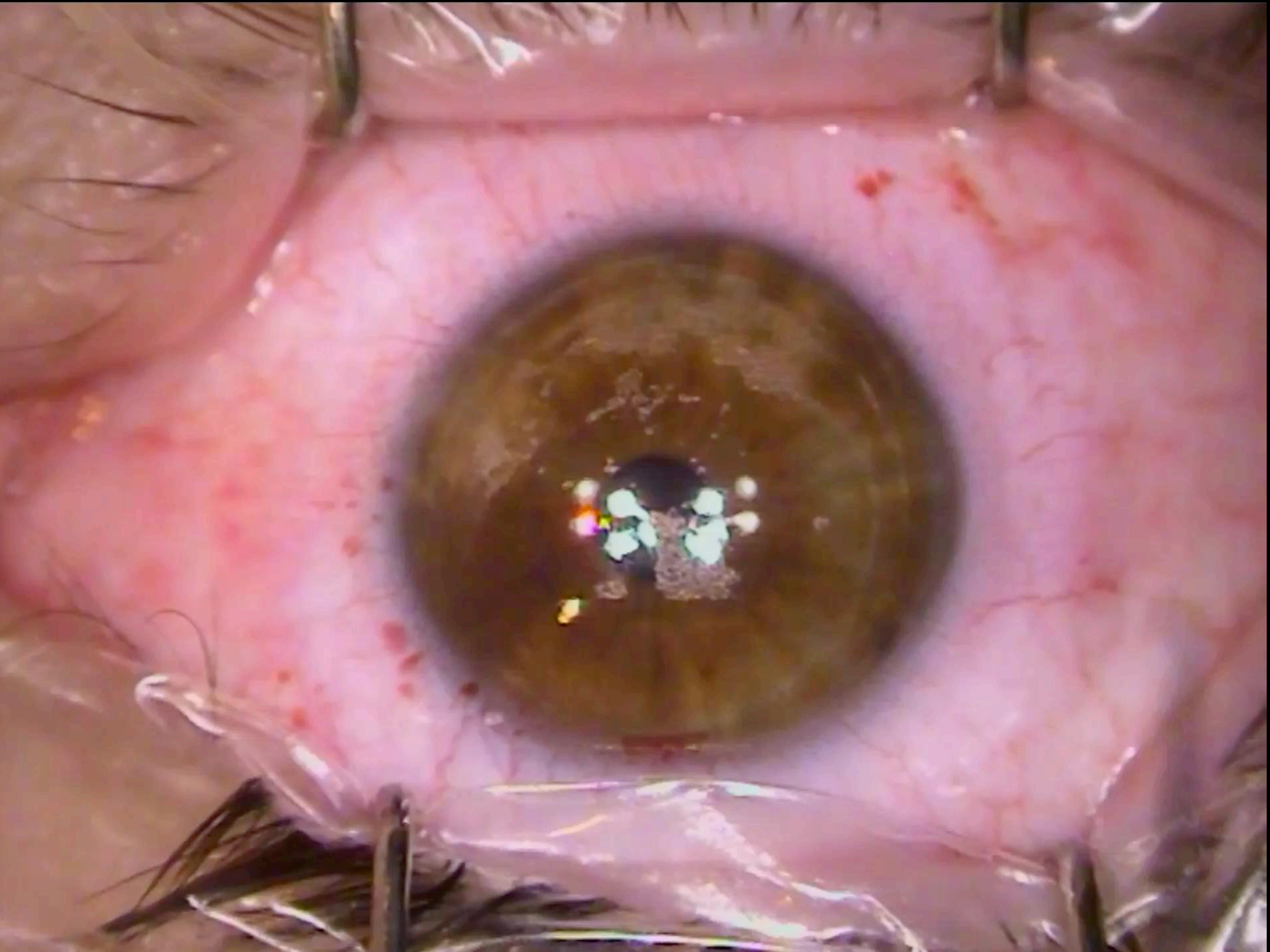


**Suction break prior to
starting the ablation**

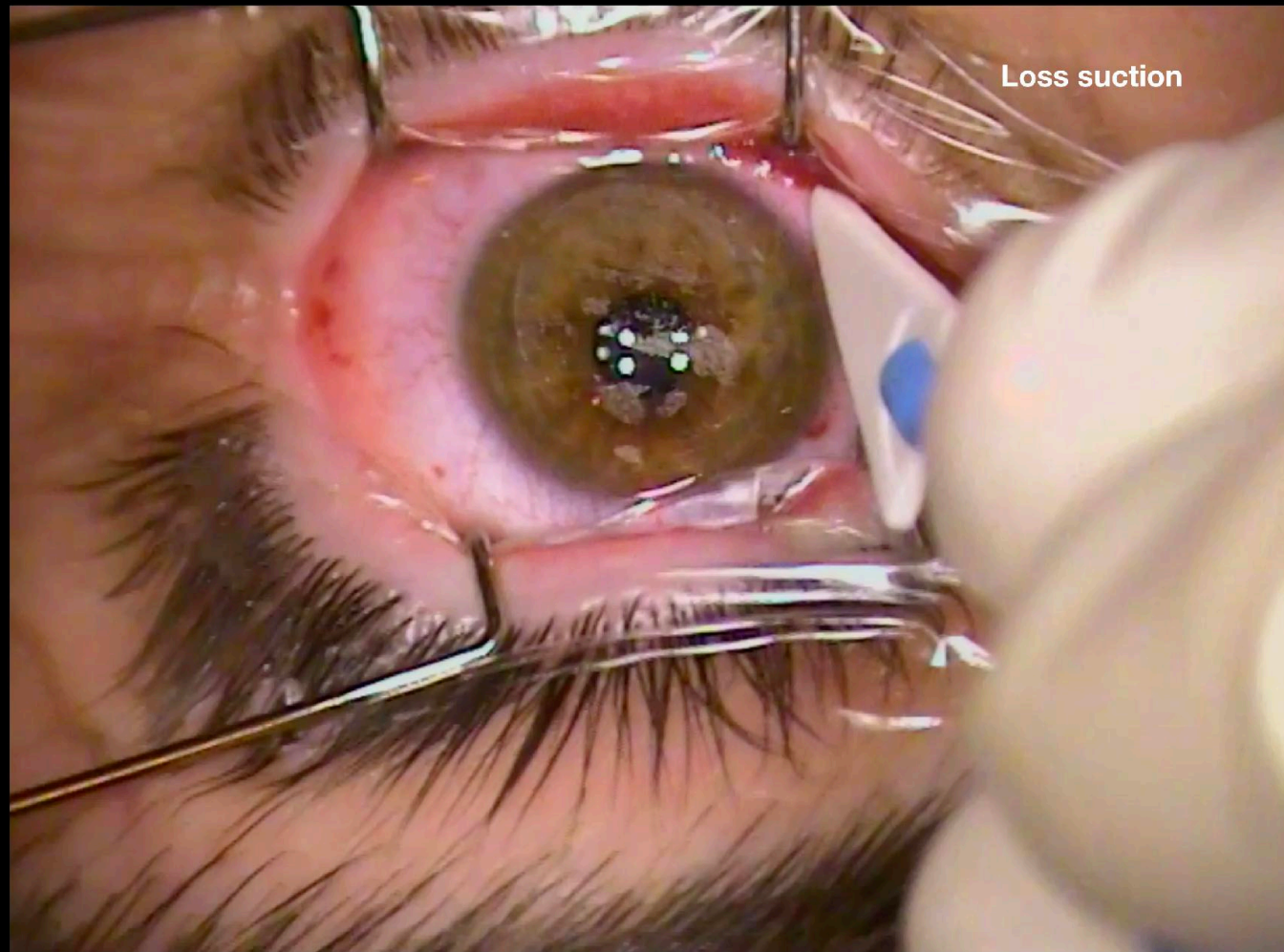


Partial suction loss



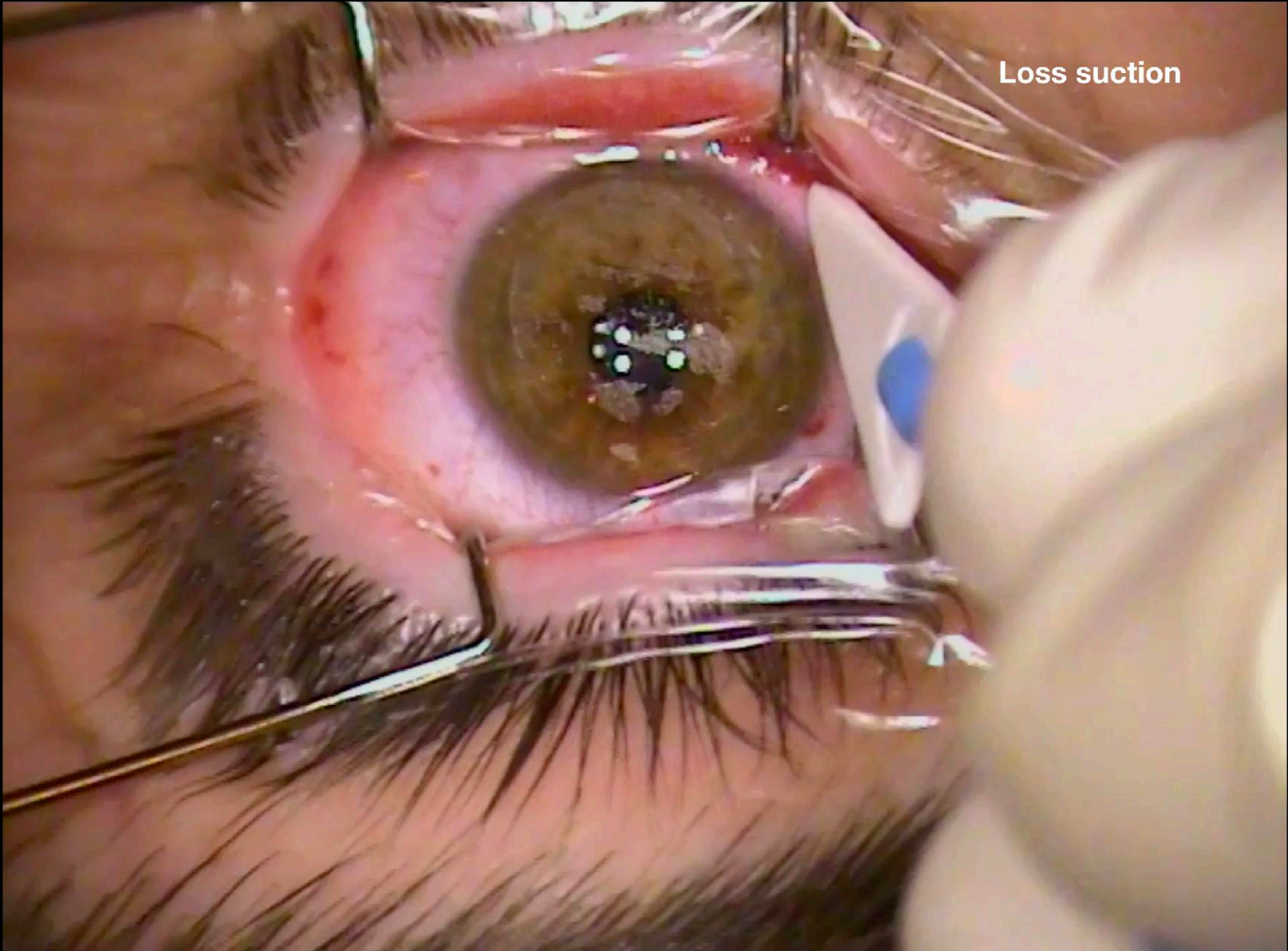


Loss suction



Loss suction





Loss suction

Loss suction

