المؤتمر السنوي الدولي للجمعية الرمدية المصرية INTERNATIONAL CONGRESS OF THE

**EGYPTIAN OPHTHALMOLOGICAL SOCIETY** 

E052023

#### LIQUID-BUBBLE TECHNIQUE

for DMEK graft preparation; A rapid & reliable technique

Prof. Dr. Tarek Katamish
Cairo University







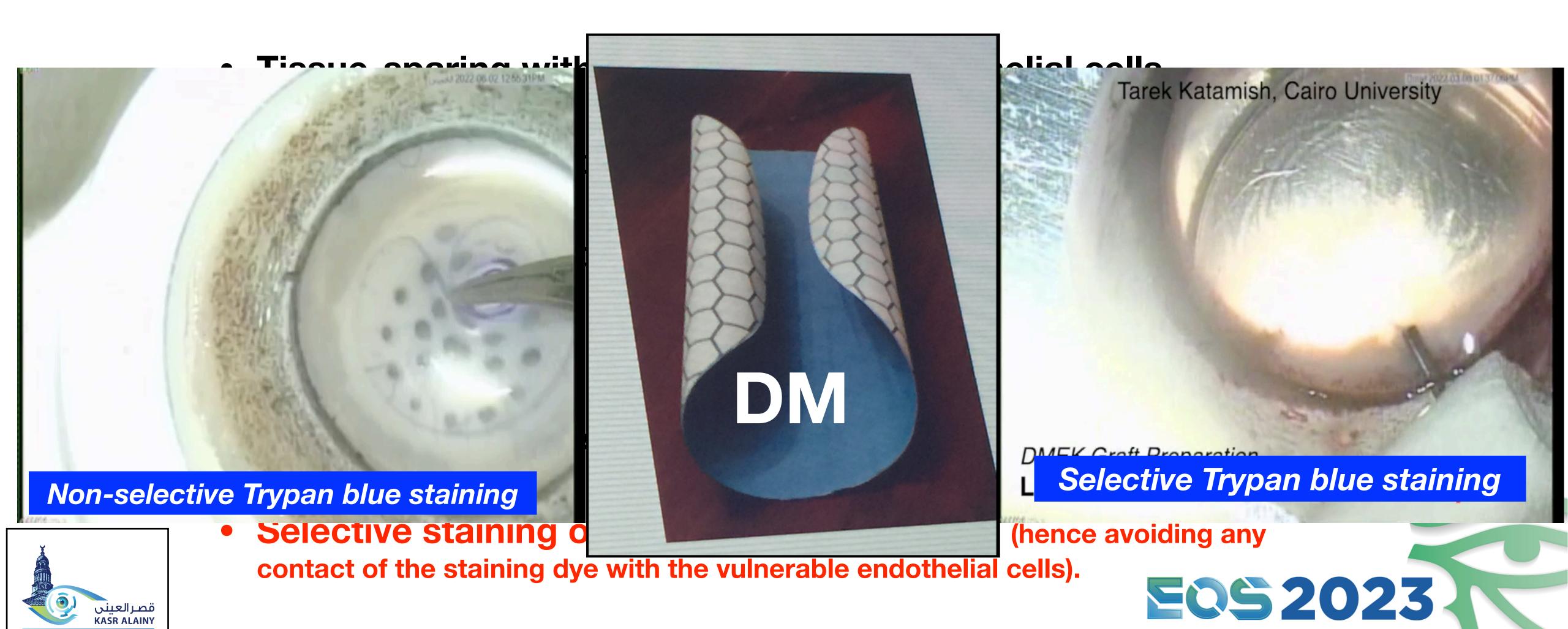
# Tear-free preparation of the delicate DM remains a critical step

Having to prepare and transplant a delicate 8–10-µm-thin membrane and the adjacent endothelial cell layer,

transplant survival greatly depends on the skill of the surgeon while manipulating the tissue.



# The ideal preparation Technique

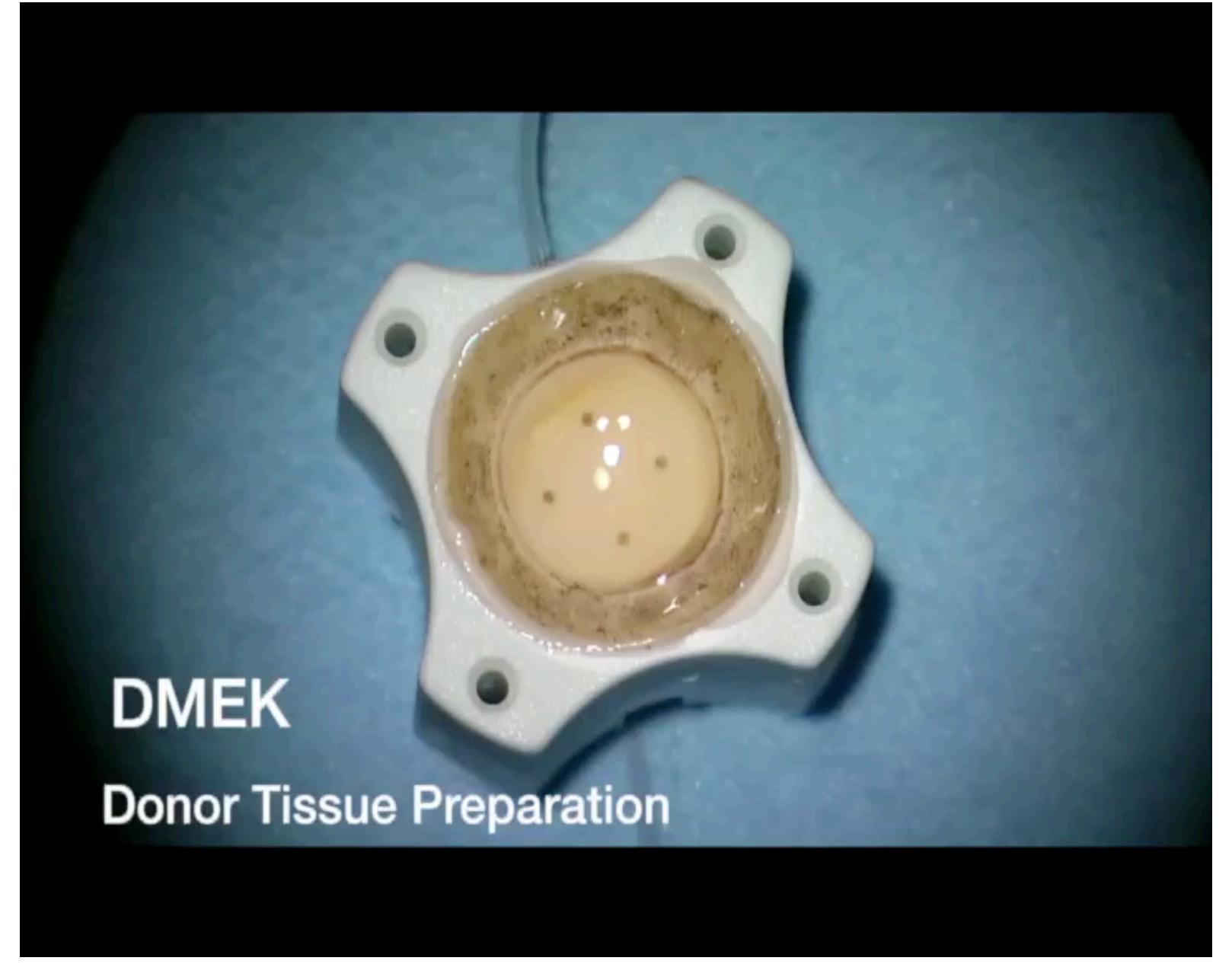


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# STANDARD TECHNIQUE for DMEK graft preparation









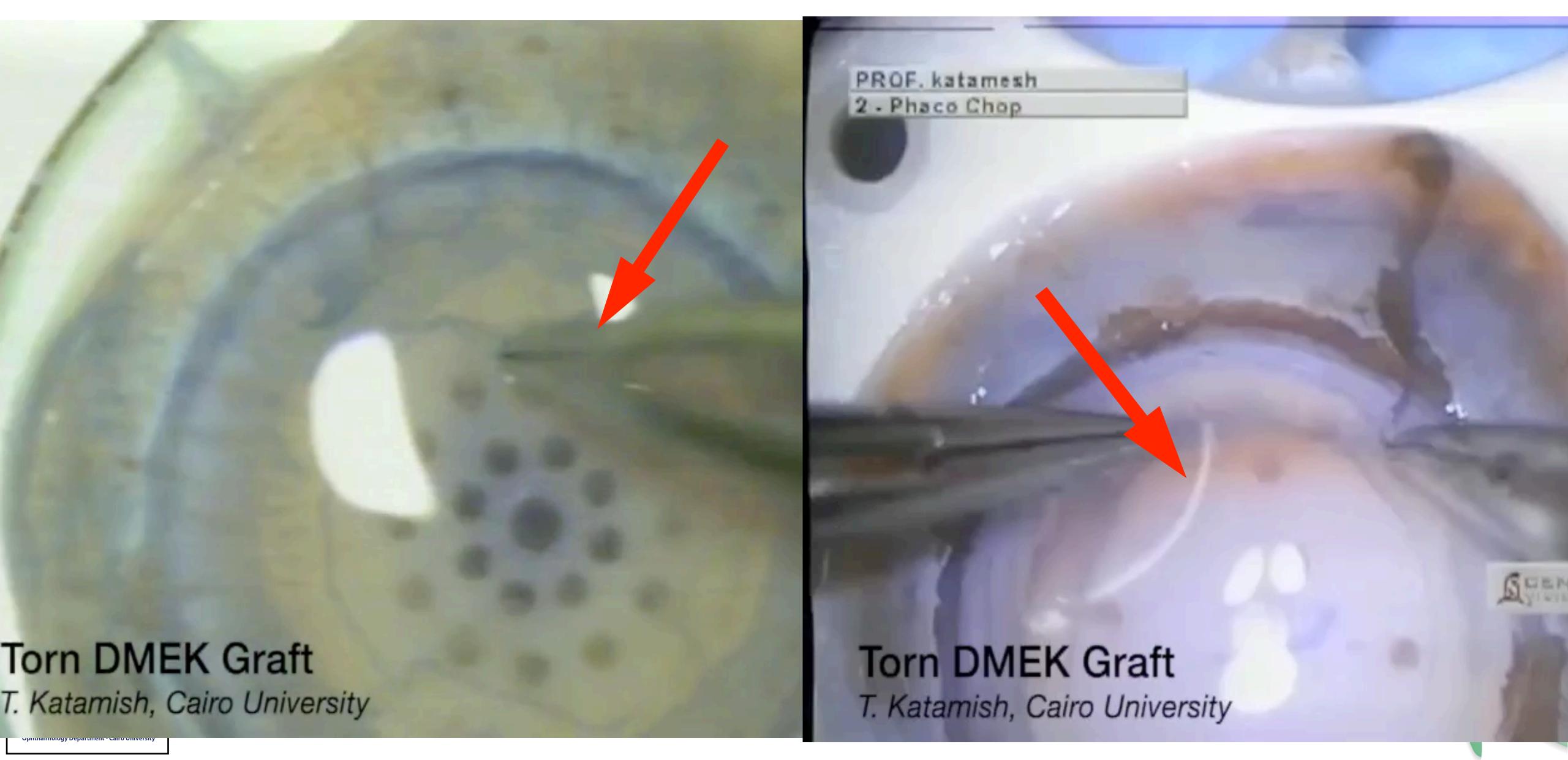


# DM Tears (Peripheral)





# DM Tears (Central)



# Large, multiple tears





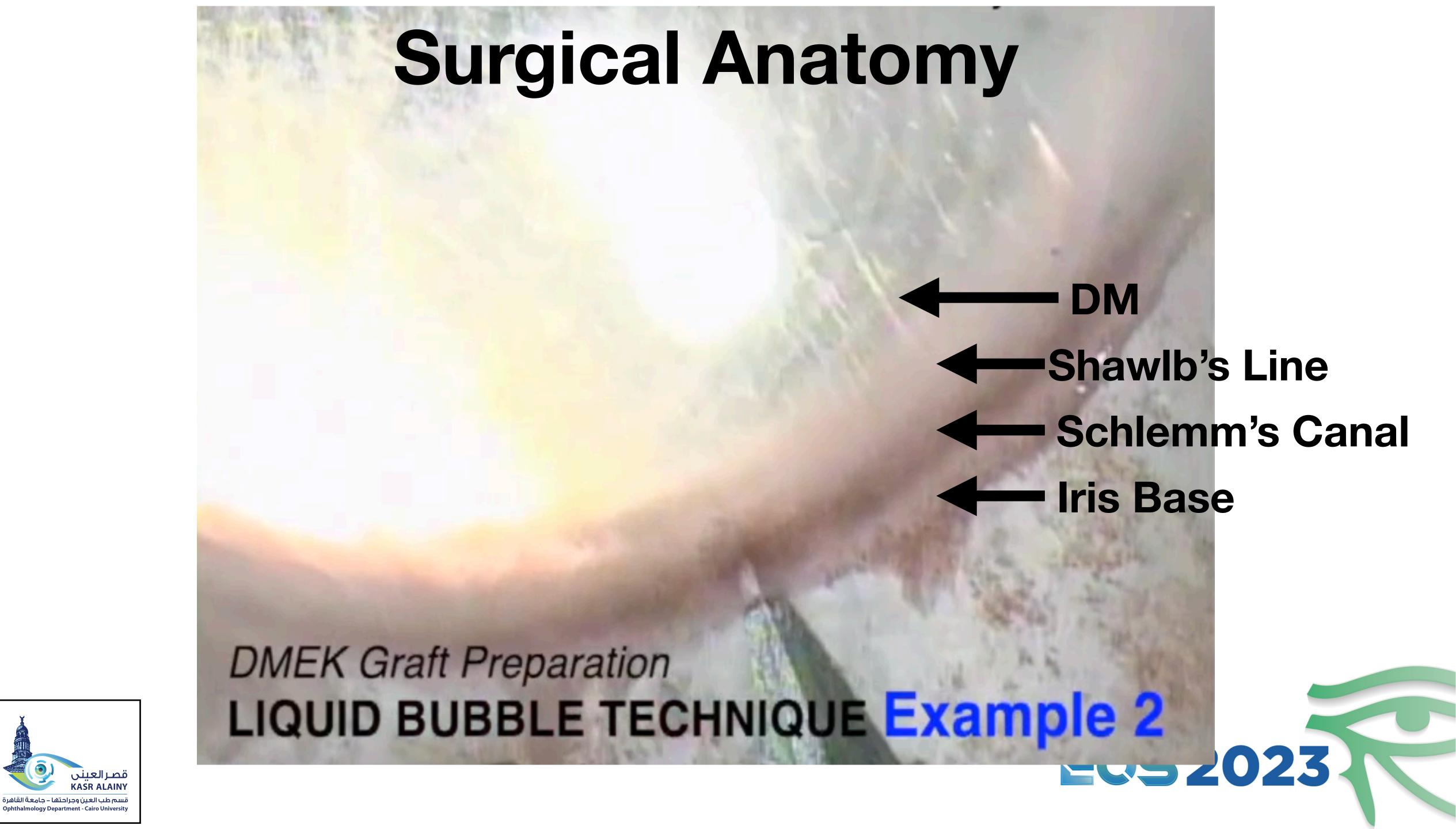


# LIQUID-BUBBLE TECHNIQUE

for DMEK graft preparation

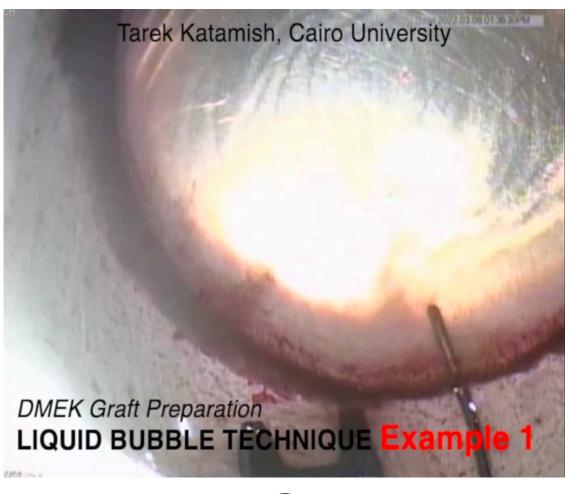




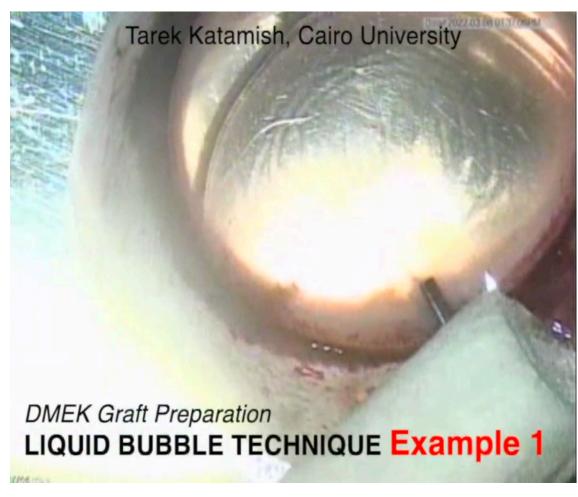


#### LIQUID-BUBBLE TECHNIQUE







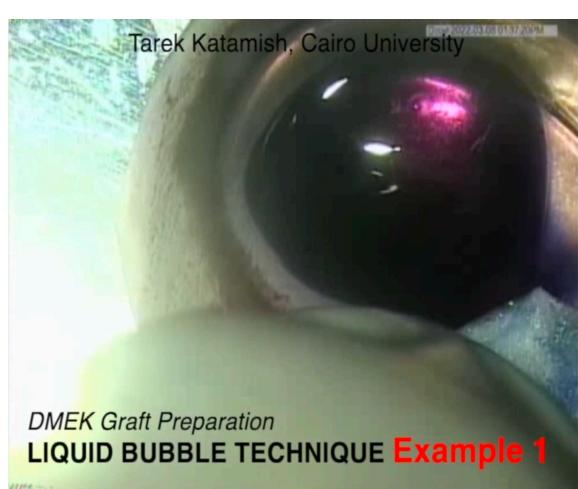


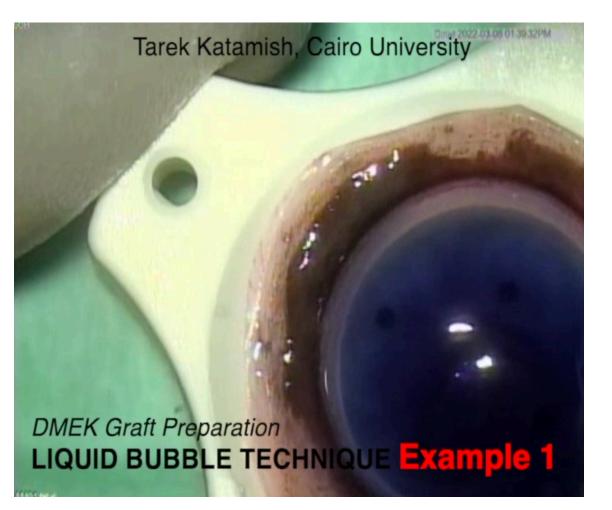
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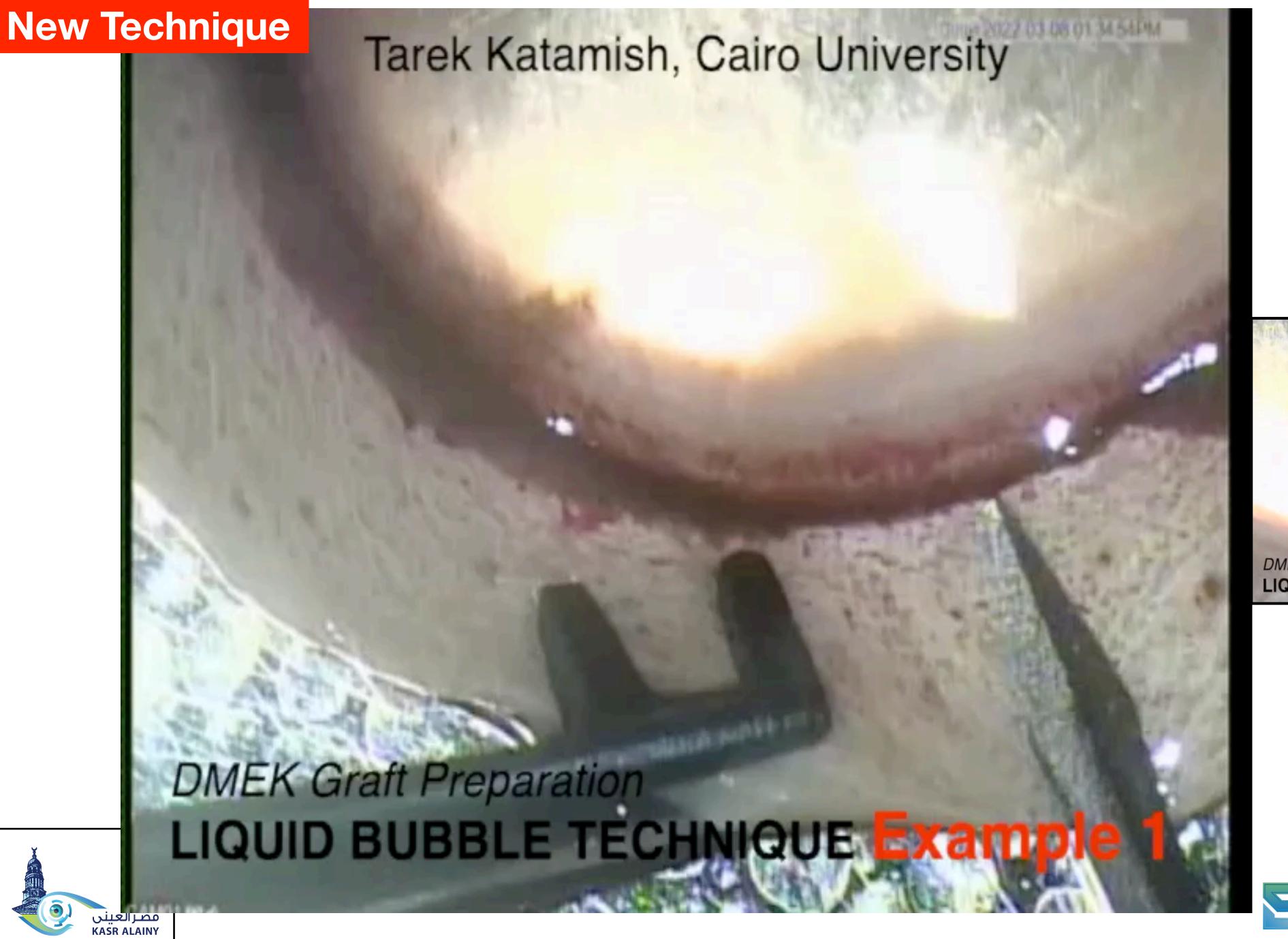
#### LIQUID-BUBBLE TECHNIQUE

#### Peter Szurman and Colleagues

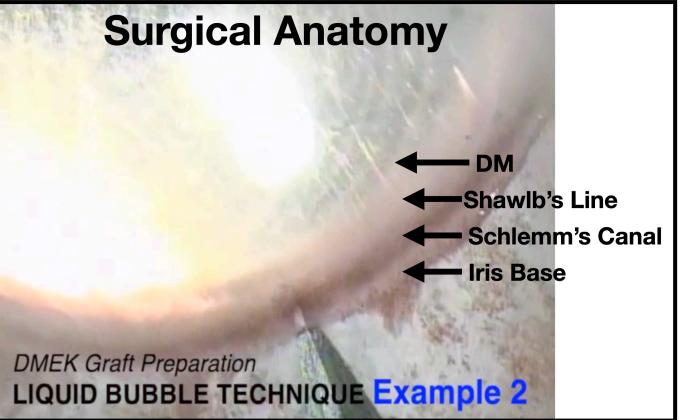
Sülzbach, Germany





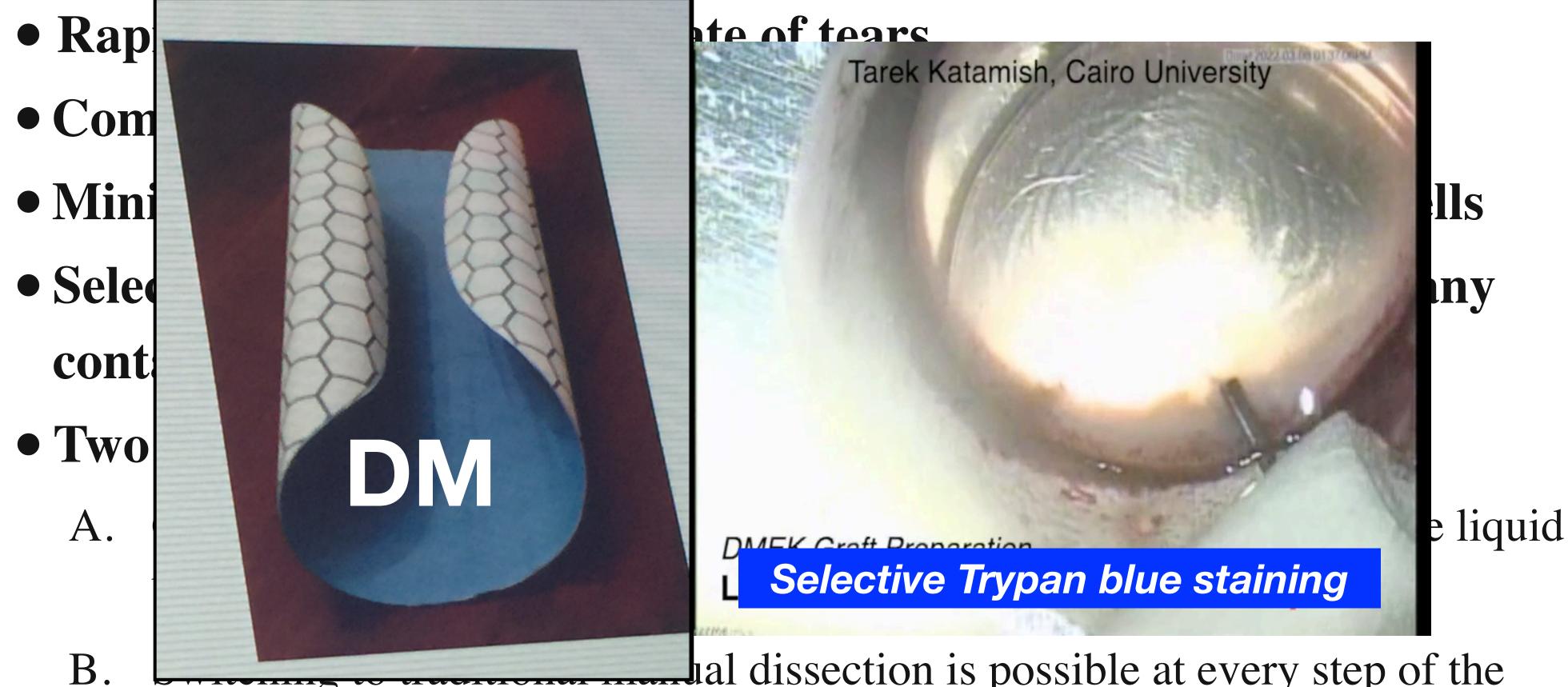


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### Advantages of Liquid-Bubble Technique





hal dissection is possible at every step of the **EQ\$2023** 

procedure



# THANKYOU

# See you next year

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**EQ\$ 2024** 

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