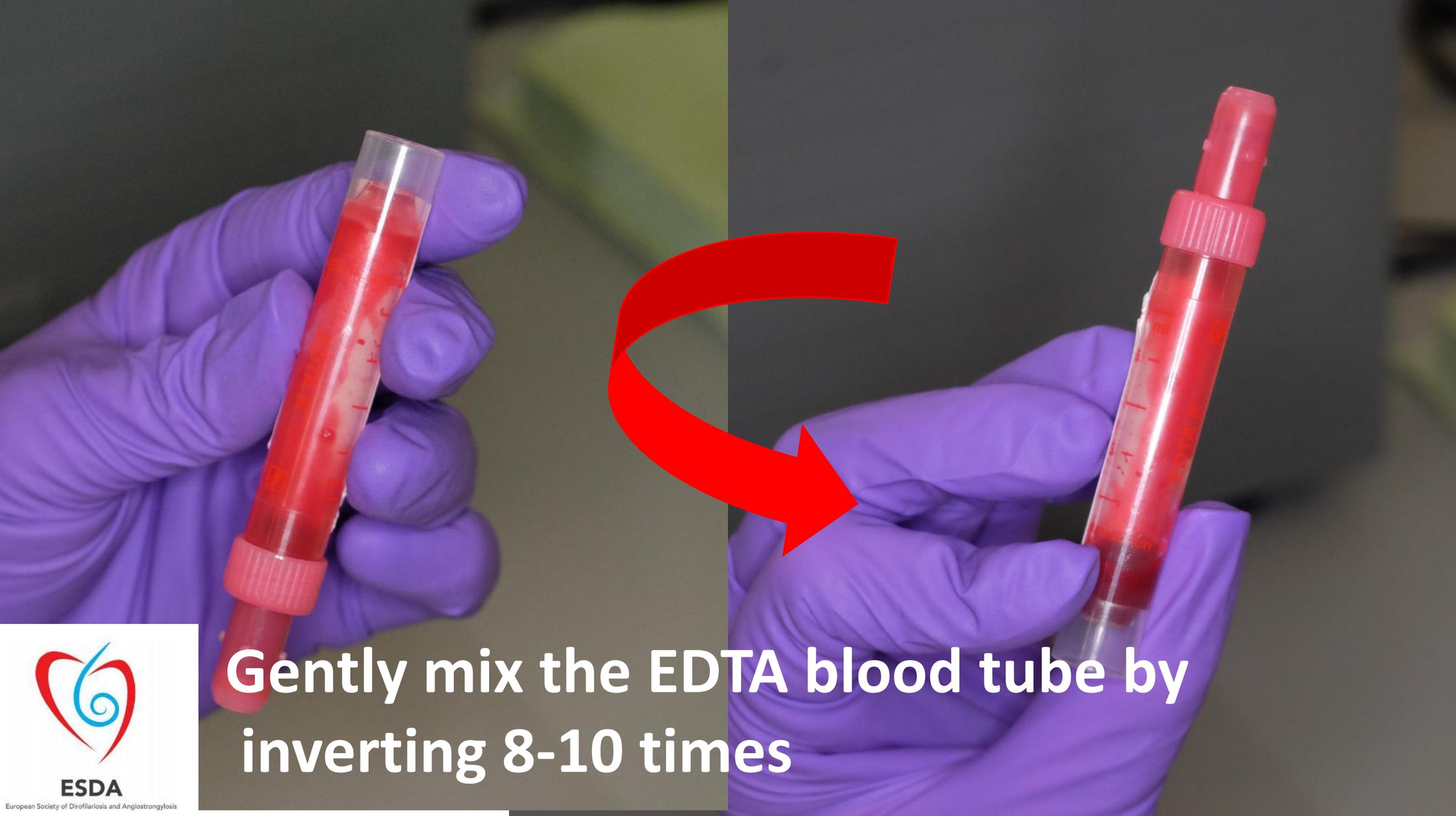




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FILTER TEST



**Gently mix the EDTA blood tube by
inverting 8-10 times**



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Fill a pipette with 1 ml fresh EDTA blood



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Mix 1 mL of blood with 9 mL lysing solution (2% formalin in tap water) in a tube



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5 μm pore
size filter



Filter holder



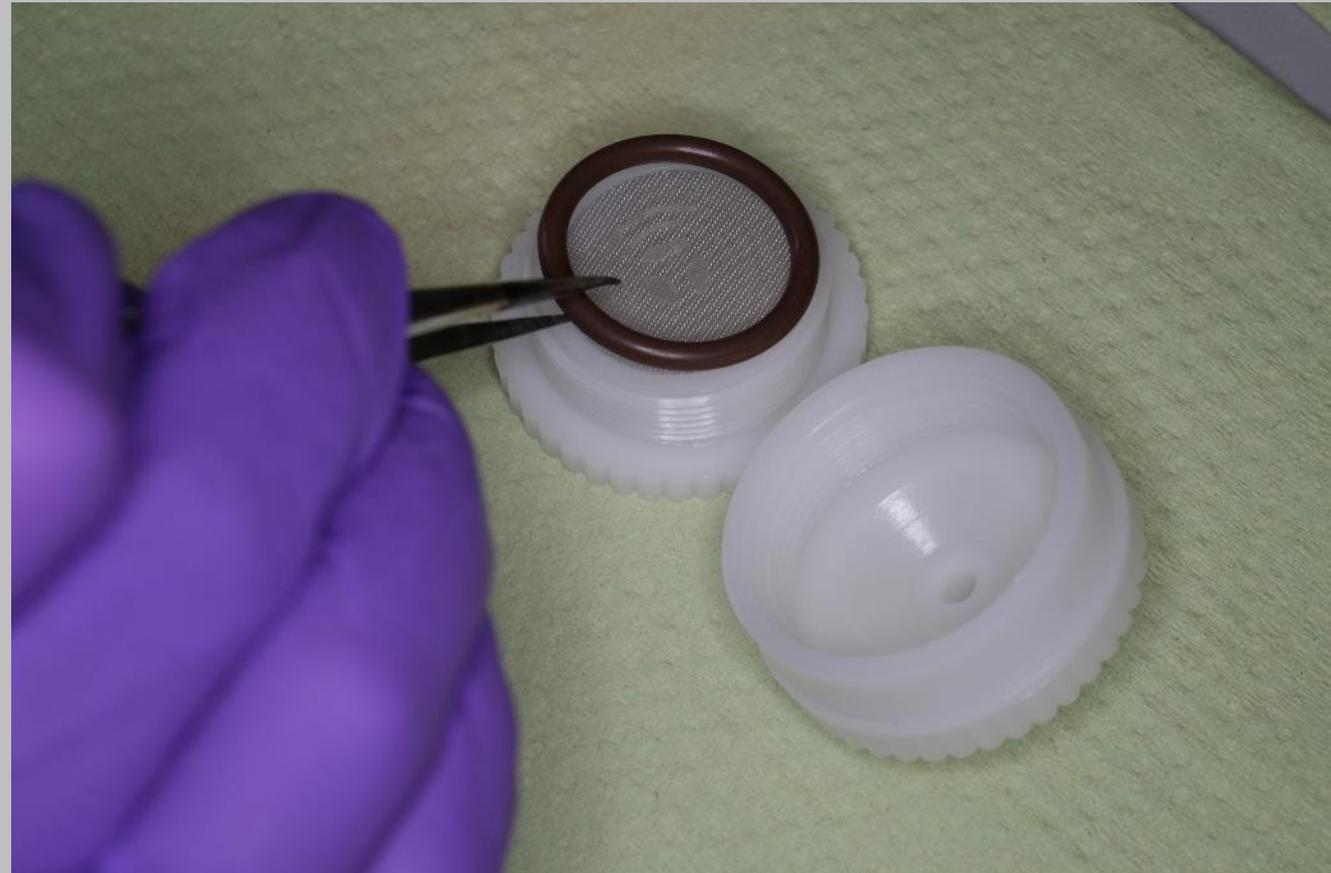
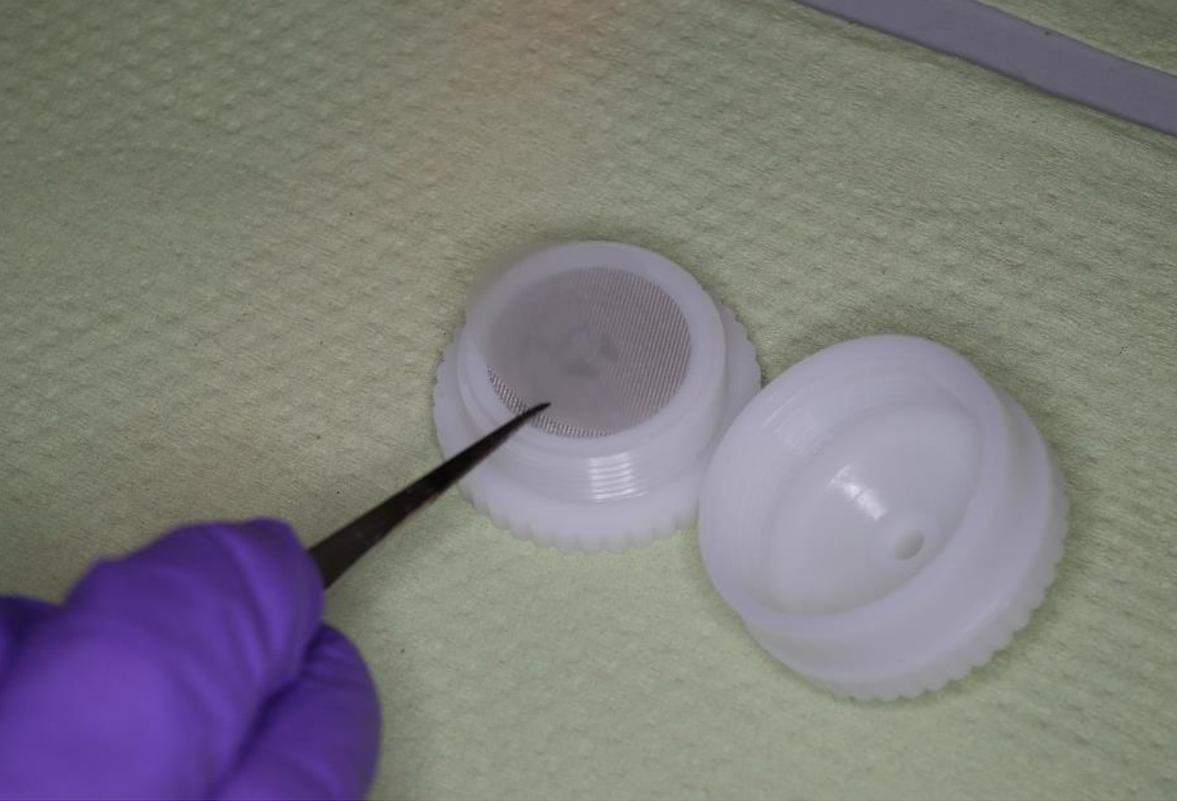
O ring



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Place the filter and the
O ring in the filter
holder



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Close apparatus by screwing it



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Fill a syringe with the 10 ml lysed blood, attach it to apparatus and empty the syringe



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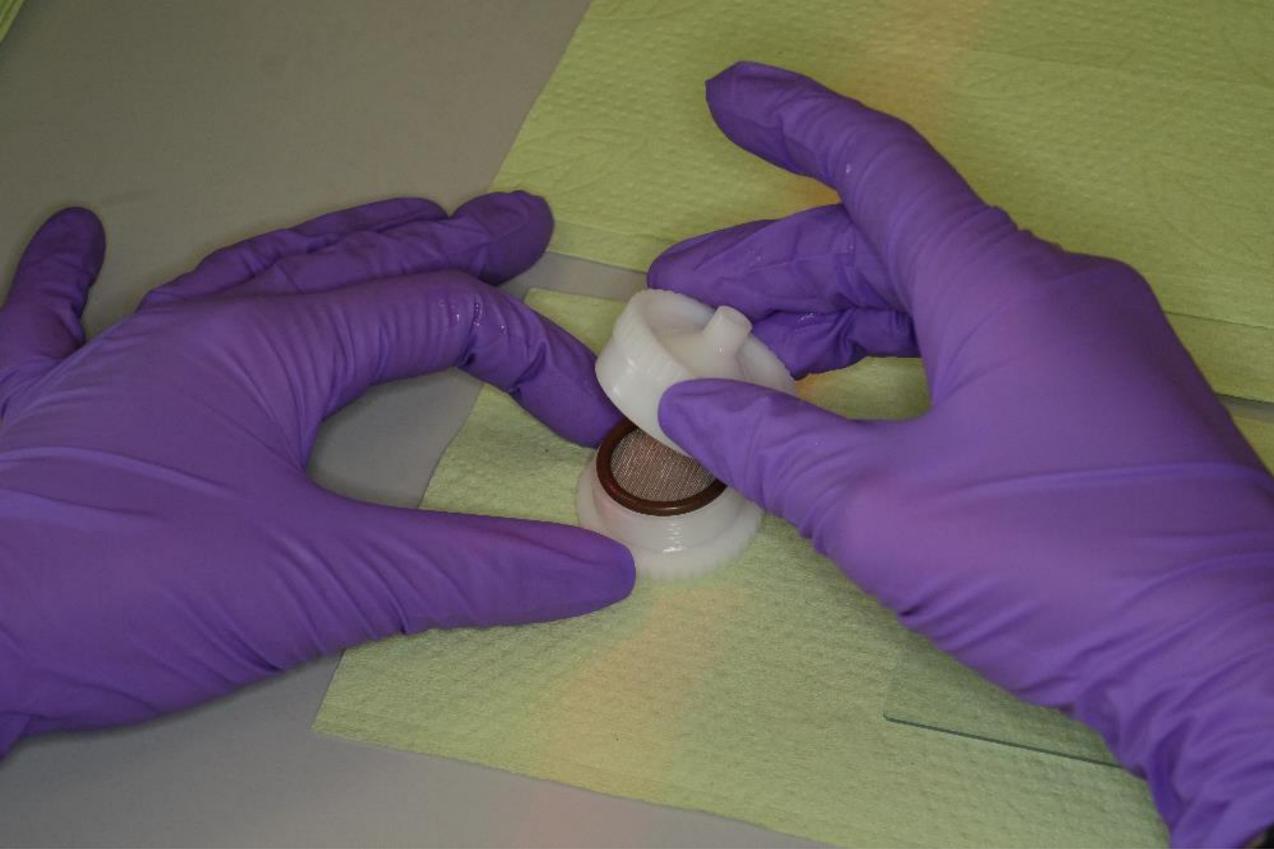
Refill syringe with water and pass it through the filter to wash away remaining small debris

Refill syringe with air, reattach to the filter apparatus, and express to dry

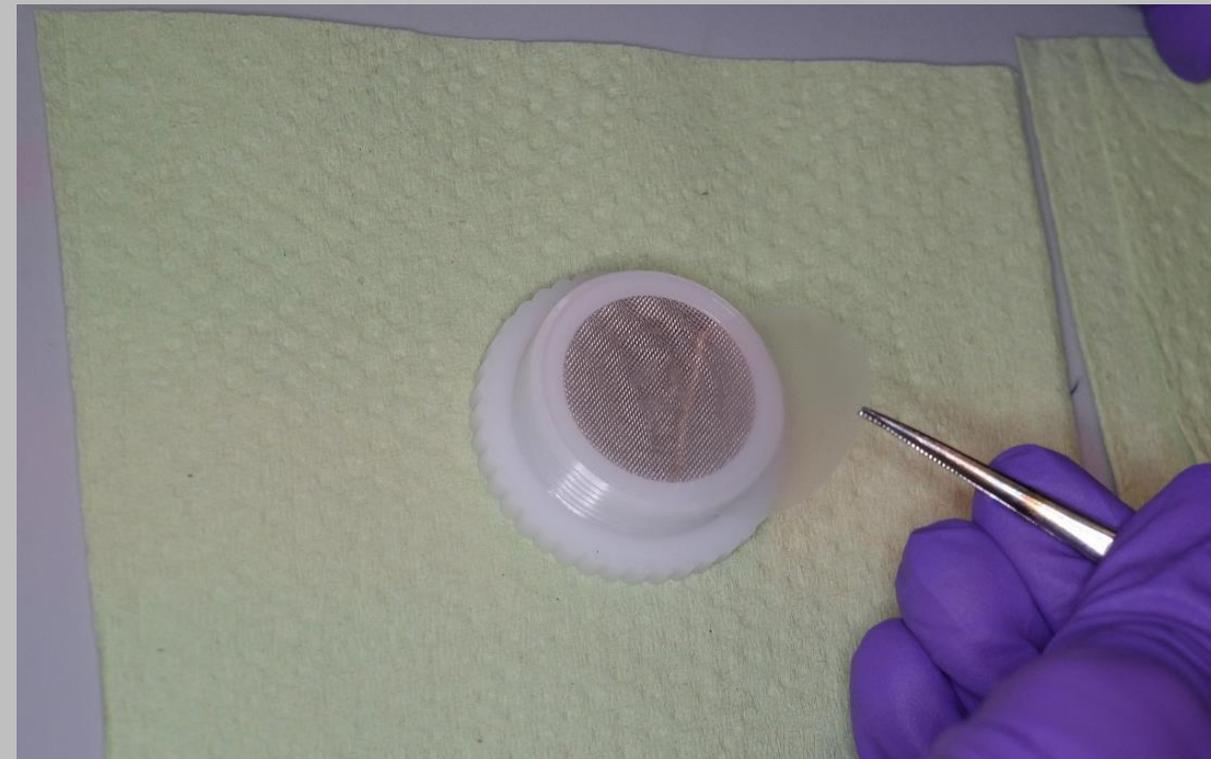


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Open the apparatus
unscrewing it

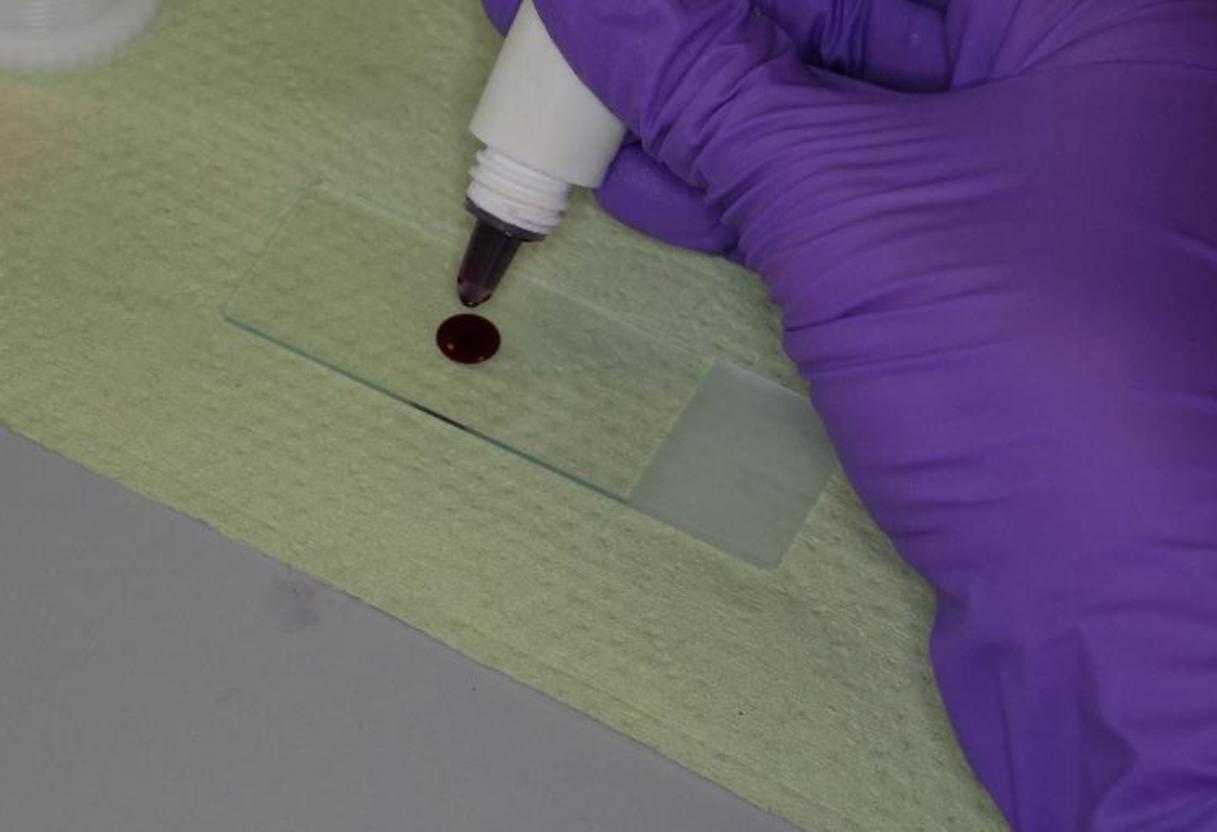


Remove the filter



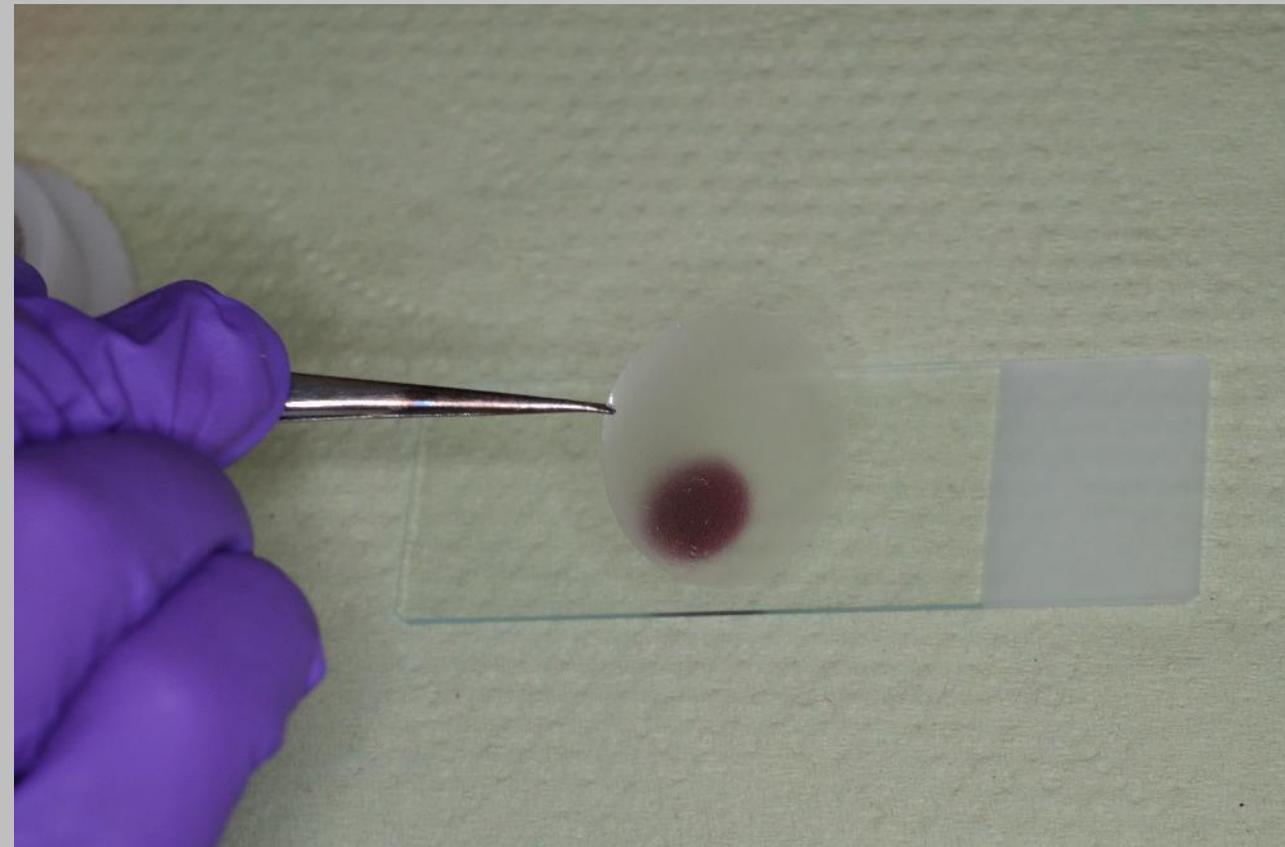
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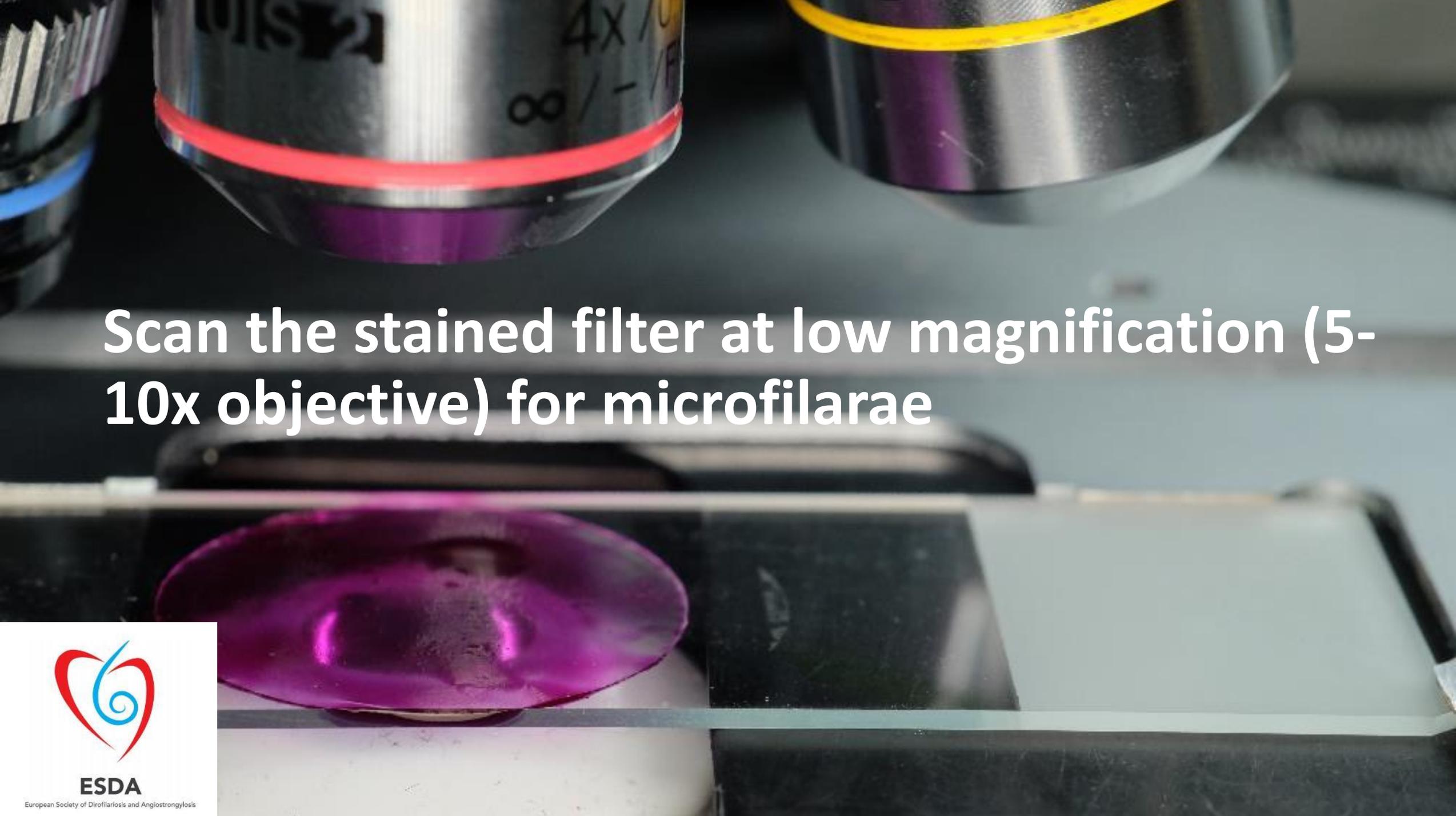
Put one drop of stain on a slide (methylene blue or cresyl blue solution) and place the filter upside-down

or place it right-side-up, add a drop of stain and add coverslip.



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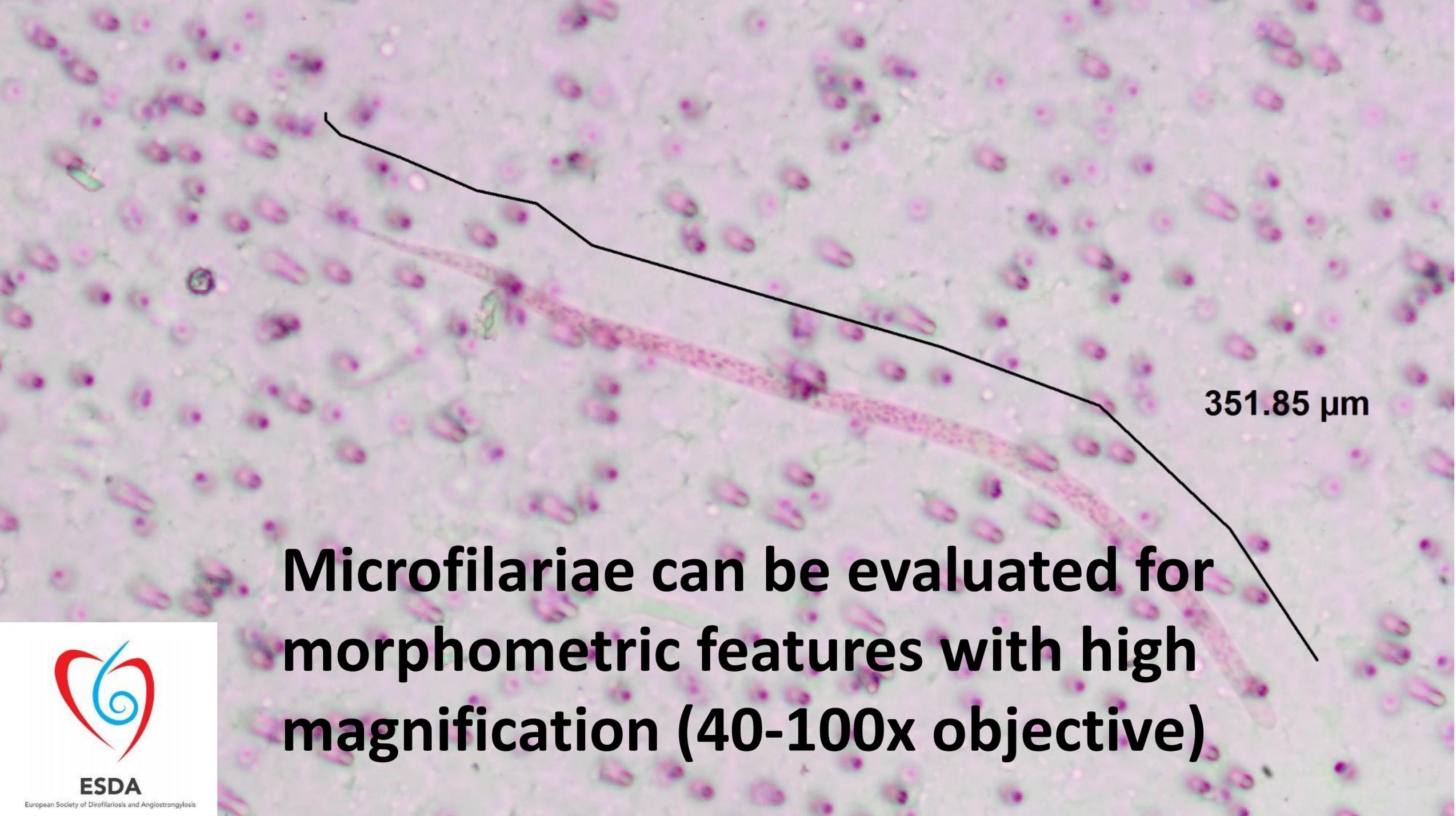
A close-up photograph of a microscope's objective lenses. The central lens is marked with 'UIS 2', '4x/0', and '∞/-'. To its right is another lens with a yellow ring. Below the lenses, a purple-stained circular filter is placed on a glass slide. The background is a blurred grey surface.

Scan the stained filter at low magnification (5-10x objective) for microfilarae



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351.85 μm

Microfilariae can be evaluated for morphometric features with high magnification (40-100x objective)



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