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Eye worm swimming live in anterior chamber: How to remove live nematode without damaging eye structure? First report from south Borneo, Indonesia

Irma Suwandi sadikin¹, Husni Thamrin¹ and Ersyad Hamda² ¹Hadji Boejasin Public Hospital, Indonesia ²Padjadjaran University, Indonesia

We are reporting a case of a worm swimming live in Anterior Chamber (AC), which was difficult to be removed due to its wriggling movement and need to be carefully removed without damaging the ocular structure. A 21 year old male presented with a sudden-onset of pain in right eye for 5 days. The complaint was accompanied with irritation and photophobia. On examination, visual acuity was 6/6.5 with his best corrected, with circumcorneal congestion. We performed slit-lamp examination on the AC and witnessed a thin, white motile object with wriggling movement that was swimming live in AC. The worm was removed surgically from AC by using forceps and adding lidocain with NaCl 0.9% intra-corneal to stop its movement. The worm was sent to pathological anatomy department to be examined microscopically. The method of using lidocaine as a chemo-paralysis substance has been proven effective to facilitate an easy removal of the worm so as to prevent major harm to the ocular structure.

irmaswans@gmail.com