A 49-year-old Chinese woman presented with paroxysmal symptoms of a crawling sensation and pruritis in her left eye for 1 week. The patient recalled her left eye being hit by a fly 1 time 2 months earlier. Presenting visual acuity was 20/20 OU. Under slitlamp examination, simultaneous with the crawling sensation, movement of a white worm beneath the temporal bulbar conjunctiva could be observed. A 21-mm living worm was removed. The symptoms resolved after removal of the worm. Visual acuity was maintained during the half-year follow-up.