

# PARASITOLOGY

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## Parasitic eyelid infection in two Chinese patients

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Diagnosis and treatment of parasitic eye infections remains to be a diagnostic challenge in developed countries due to its rarity and often atypical clinical presentation. We describe two cases of pathologically confirmed parasitic eyelid infection initially presented as pre-septal cellulitis of the orbit in two Chinese adult patients in 2015. No signs of intra-ocular infection were demonstrated. Therapeutic trials of oral antibiotics showed suboptimal clinical improvement which prompted further investigations regarding the nature of peri-orbital swelling. Both patients underwent extensive systemic workup, including serological tests, radiological imaging and excisional biopsy of the eyelid mass for diagnostic purposes and treatment. Parasitic infestation with granulomatous inflammatory reactions was confirmed upon histopathology report. Both patients had no signs of systemic microfilaraemia and anti-helminthic agents were not required. Satisfactory post-operative outcomes were achieved with no recurrences reported.

### Biography

Eva Wong has obtained her MBChB degree at the Chinese University of Hong Kong in 2014. She is currently a Resident trainee at the Department of Ophthalmology, Caritas Medical Centre in Hong Kong.

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