

## CASE REPORT

### *THELAZIA CALLIPAEDA*: A HUMAN CASE REPORT

Parnpen Viriyavejakul<sup>1,5</sup>, Srivicha Krudsood<sup>2,5</sup>, Srisuchart Monkhonmu<sup>3</sup>,  
Chuchard Punsawad<sup>1,5</sup>, Mario Riganti<sup>1</sup> and Prayong Radomyos<sup>4</sup>

<sup>1</sup>Department of Tropical Pathology, <sup>2</sup>Department of Tropical Hygiene,  
<sup>3</sup>Bangkok School of Tropical Medicine, Faculty of Tropical Medicine,  
Mahidol University, Bangkok; <sup>4</sup>Department of Biology, Faculty of Science,  
Maha Sarakham University, Maha Sarakham; <sup>5</sup>Center for Emerging and Neglected  
Infectious Diseases, Mahidol University, Bangkok, Thailand

**Abstract.** We report a rare case of human thelaziasis. A 31-year-old man from Nakhon Pathom, Thailand presented to the hospital with a foreign body sensation in and excessive lacrimation from the right eye for one week. His visual acuity was normal. He gave a history of a fly flying around his face; he then rubbed it against his right eye. Five adult worms were collected from the right eye. Two were removed by the patients and three were removed on the ward, using a small cotton swab, from the conjunctival sac. All five worms were identified morphologically as *Thelazia callipaeda*. The patient became free of symptoms after the fifth worm was removed.

**Keyword:** *Thelazia callipaeda*, human thelaziasis, oriental eyeworm

---

Correspondence: Parnpen Viriyavejakul,  
Department of Tropical Pathology, Faculty of  
Tropical Medicine, 420/6 Ratchawithi Road,  
Bangkok 10400, Thailand.

Tel: 66 (0) 2354 9100 ext 1677; Fax: 66 (0) 2248  
3183

E-mail: tmpvr@mahidol.ac.th