

Dirofilariasis presenting as scleritis: A report of two cases

Scleral involvement in ocular dirofilariasis, a mosquito-borne zoonosis, is rare.^[1,2] We report two biopsy-proven cases [Fig. 1b and d] from coastal Karnataka, presenting clinically as anterior-nodular and posterior scleritis, respectively.

Case 1: A 13-year-old-girl presented with a congested superior scleral nodule in her left eye, [Fig. 1a] preceded by severe itching of her scalp for a week. After an ultrasound biomicroscopy to ascertain depth of lesion an excision biopsy was done.

Case-2: A 55-year-old-lady, with deep-set pain in right eye and a T-sign on B-scan was started on systemic steroids after ruling out other causes. After 3 days, a coiled live worm had migrated to the superior subtenons space [Fig. 1c].

Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent forms. In the form the patient(s) has/have given his/her/their consent for his/her/their images and other clinical information to be reported in the journal. The patients understand that their names and initials will not be published and due efforts will be made to conceal their identity, but anonymity cannot be guaranteed.

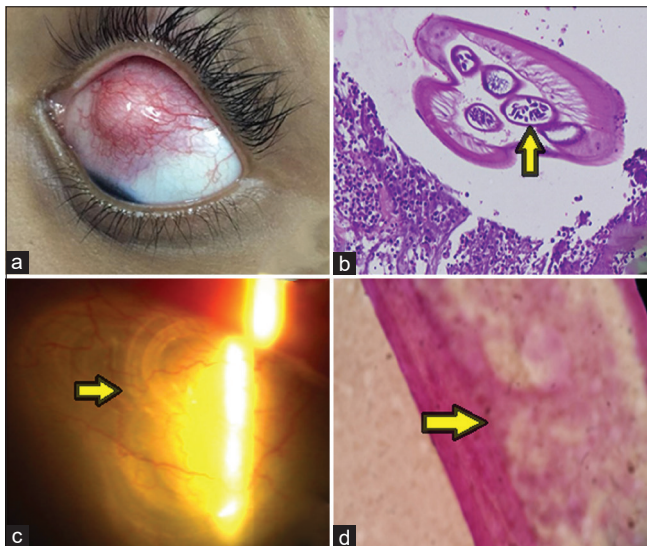


Figure 1: (a) Congested, superiorly located, scleral nodule [Case 1]; (b) Histopathological specimen (H and E × 200) showing cut section of worm with uterus showing microfilariae and muscular lining suggestive of *Dirofilaria* sp. [Case 1] (c) Coiled worm migrated anteriorly to the subtenon space [Case 2] (d) Histopathological specimen (H and E × 400) depicting muscular cuticle suggestive of *Dirofilaria* sp. [Case 2]

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Conflicts of interest

There are no conflicts of interest.

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