Reviewer’s report

Title: Cutaneous larva migrans with optic disc edema: a case report

Version: 1 Date: 11 November 2009

Reviewer: Brian Leonard

Which of the following best describes what type of case report this is?: An unexpected association between diseases or symptoms

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

This is an interesting manuscript. Thank you for sending it my way.

I agree with the authors that the case described does not resemble DUSN.

There is photographic documentation of the optic disc edema in active and convalescent phases. I would like to have seen fluorescein angiographic imaging, visual field assessment and long-term follow-up monitoring for optic atrophy or peripapillary pigment disruption.

It is not clear if Ancylostoma caninum was confirmed as the source of the cutaneous larval migrans skin lesions in this case or whether the organism was assumed to be the causative agent.

Death of an intraocular parasite through drug therapy would ordinarily initiate an
inflammatory reaction rather than reverse an inflammatory reaction, as occurred in this case.

The authors do not speculate on how the optic disc edema was mediated. Do they presume that an Ancylostoma caninum larva migrated into or close to the nerve? Does the life-cycle of this organism in humans support such an assumption?

Aside from MRI scanning, were other steps taken to rule out other possible etiologies of uniocular optic disc edema?

The possible association between cutaneous larval migrans and optic disc edema is intriguing. It is my opinion that this manuscript warrants publication even though the association between these two events is speculative.

**Quality of written English:** Acceptable

**Declaration of competing interests:**

'I declare that I have no competing interests'