Reviewer’s report

Title: Primary pituitary lymphoma: An unusual cause of hypopituitarism, case report and literature review.

Version: 2 Date: 28 September 2010

Reviewer: Sunil V Furtado

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Major Compulsory Revisions: The authors present an interesting case of what looks like a lymphoma involving the anterior third ventricle, hypothalamic-chiasmal region. The images provided by the authors also show that the lesion is suprasellar with no sellar involvement, and based in the hypothalamic-chiasmal region. This would fit into most of the clinical findings of the patient which are suggestive of hypothalamic-pituitary axis disturbances and an infiltrative CNS lesion. It would be interesting to know whether the patient had any vision symptoms or features of central diabetes insipidus. The title of the article needs a change, and so does the discussion based on the location of the lesion.

Minor Essential Revisions: Since this is an article concerned with imaging, it would be nice if a mention of the T1 and T2, diffusion weighted and ADC characteristics of the lesion in this patient and in general for CNS lymphomas was provided.

The manuscript would also benefit from professional English language editing.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests