Reviewer's report

Title: Reversible Posterior Leukoencephalopathy Syndrome Induced by Pazopanib.

Version: 1 Date: 30 May 2012

Reviewer: Timothy Cooksley

Reviewer's report:

Chelis et al. report a case of Reversible Posterior Leukoencephalopathy Syndrome associated with Pazopanib. This is the first report of this presentation as a result of the administration of Pazopanib although given the widely reported occurrence with other chemotherapeutic agents it is perhaps not unexpected.

Major revisions.

The case presentation itself requires further detail. A clinical description of the headache and visual loss should be given. Given the exquisite link between blood pressure and RPLS greater detail is required regarding the trend of the patient's blood pressure during this presentation. The authors state the patient was treated with anti-hypertensives but should which agents were used and the doses given. Did the patient have any other significant previous medical history other than her metastatic renal carcinoma?

Minor revision

The discussion may benefit from a brief description of the management of RPLS, potential complications and long-term management.

There are some errors with grammar and at times the phrasing in the manuscript needs to be improved.

Discretionary revision

It may be worth including reports of other targeted therapies associated with RPLS - e.g - deoxycoformycin and alemtuzumab. (1)


Level of interest: An article whose findings are important to those with closely related research interests

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.