Reviewer's report

Title: Valvular involvement in ANCA-associated systemic vasculitis: a case report and literature review

Version: 1 Date: 28 November 2010

Reviewer: Minghui zhao

Reviewer's report:

The authors reported a case of valvular involvement in ANCA-associated systemic vasculitis with literature review. It is well-written and informative, but need a minor revision.

1. The authors claimed that cardiac valvular involvement is rare in ANCA-associated vasculitis. The other explanation is that the cardiac valvular involvement might be overlooked by both patients and physicians due to absent or subclinical clinical manifestations.

2. I agree that the reported case is, most probably, Wegener’s granulomatosis. However, he had MPO-ANCA, while in the literature review, nearly all the cases were PR3-ANCA positive. The patient in this case report is from Bangladesh in origin, actually, some reports suggested that Asian patients with ANCA-associated vasculitis predominantly had MPO-ANCA, even for patients with Wegener’s granulomatosis (Chen M, et al. Kidney Int 2005;68:2225-2229). I would like the authors discuss this issue.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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'