Reviewer's report

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

**Version:** 1  **Date:** 13 December 2010

**Reviewer:** Jose Gomez

Reviewer's report:

Lacoste and colleagues reported an interesting and unusual case of valvular involvement related to AAV. Additionally, a comprehensive review of similar previous reported cases is done.

Minor comments:

- Two case reports (see below) with valve involvement and WG had been recently published. You should include them in the results, discussion and tables.


- Did you check for antiphospholipid (lupus anticoagulant and/or anticardiolipin) antibodies in the present case? It is well known the association of aPL and valvular disease. Additionally, some cohorts of patients with primary systemic vasculitis had found relation with aPL and thrombotic manifestations (Rees JD, Lança S, Marques PV, Gómez-Puerta JA, Moco R, Oliveri C, Khamashta MA, Hughes GR, D'Cruz DP Ann Rheum Dis 2006;65:109-111)

  - In order understand the complexity and severity of the case it will be useful a diagram (schema) with the sequence of appearing each feature and symptoms and the outcome. In that sense, a severity score index (i.e. BVAS) before and after the treatment must be included

**Level of interest:** An article of outstanding merit and interest 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