Reviewer's report

Title: Myocarditis, pancreatitis, polyarthritis, mononeuritis multiplex and vasculitis with symmetrical peripheral gangrene of low extremities, a rare presentation of leptospirosis. A case report and literature review.

Version: 1 Date: 31 October 2013

Reviewer: Ferhat Arslan

Which of the following following best describes what type of case report this is?: Unexpected or unusual presentations of a disease

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?: No

Does the case report have explanatory value?: No

Does the case report have diagnostic value?: No

Will the case report make a difference to clinical practice?: No

Is the anonymity of the patient protected?: Yes

Comments to authors:

(In case report section)
- Incubation period of disease is not understood from the manuscript, How long patients fever and the other clinics have been existed at the hospital admissions.
- meningitidococcus wrongly written.
- Why the authors chose wide spectrum combination treatment (Penicillin (1500000units / 6 hours), Meropenem and Vancomycin) after leptospirosis was diagnosed?

(In discussion part)
1- This is only a case report and I think, no need emphasize pathophisiological
mechanism (like toll-like receptors)- references 5,6 must be removed.

2- Authors stated that “The laboratory gold standard test for the diagnosis is the Microscopic Agglutination Test (MAT, hence other two rapid tests, microplate IgM Elisa and IgM dot-ELISA dipstick test are also available)” at the end of the manuscript. This is a general textbook knowledge. It must not been last sentence of the manuscript.

3- Conclusion part of the manuscript must been written again. The main aim of this manuscript is to show systemic rare presentation of leptospirosis, no relevance with the routine diagnostic test.

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

**Declaration of competing interests:**

I declare that I have no competing interests