Reviewer’s report

Title: Acute appendicitis as a result of Enterobius vermicularis infection of the appendix in a 52 year old man: a case report.

Version: 1  Date: 25 August 2011

Reviewer: Athanasios Marinis

Which of the following following best describes what type of case report this is?: None

Has the case been reported coherently?: No

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?: Yes

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:

1. The manuscript needs professional language editing.
2. The disease is not as rare as authors suggest. The Turkish report referenced in the Discussion section proves this. The age of the patient is not a clue for this disease. Therefore, authors are suggested not to use age as the key feature of their manuscript. Additionally, authors should refer to Greek epidemiological data regarding parasitic infection of E.vermicularis and It's clinical association with appendicitis-like symptoms.
3. In the Case Report section, authors should describe operative findings and more interestingly pathological findings. More importantly, authors should extensively revise the language used for their report, correcting words such as "McBurnay’s".... Additionally, it is not apparent that the patient suffered from an
appendiceal colic, but rather from an inflammation suggested by positive McBurney and Rovsing signs. Please be more specific. Authors should mention any radiological tests, such as ultrasound, CT, etc.

4. Authors conclude that the surgeon should have raised suspicion for possible parasitic infection when dealing with differential diagnosis of right lower quadrant pain. What do they mean? Are there any clinical characteristics or laboratory tests (not mentioned in the Discussion) that may differentiate the presence of the parasite from a true case of appendicitis? This point adds diagnostic value for their manuscript.

5. Please indicate with arrows on the figures the structures mentioned on associated figure legends.

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

**Declaration of competing interests:**

I declare that I have no competing interests.