Reviewer's report

**Title:** High origin of testicular artery: A case report and review of the literature.

**Version:** 1  **Date:** 19 May 2010

**Reviewer:** Theodoros Moysidis

Which of the following following best describes what type of case report this is?: Other

If other, please specify:

anatomical report

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?: No

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: No

Comments to authors:

The present report describes a rare case of high origin of the left testicular artery. After a short analysis of the underlying case an overview of the literature is given. Publications are cited where same observations were made. The authors refer to three classification systems of anomalous origins of the testicular arteries. One can understand that there is no unique division of such conditions.

This report is interesting and very informative. Despite the implications of this rare anatomical condition concerning surgical procedures, a clinician would be more interested in the functional consequences of this anomaly. As mentioned in
the introduction of the article anomalies of arterial or venous perfusion could have important consequences on thermoregulation of testicular glands and therefore influence spermiogenesis.

It is not clear, if the anomalous origin of the left testicular artery presented here had any influence on testicular function during life. An analysis of the medical reports during lifetime could have delivered more information about this question.

It could also be interesting to have a preparation of the testicular gland in order to search for pathological findings regarding spermiogenesis. Since age-related disturbances in spermiogenesis are well described, it could be easy to allocate impaired spermiogenesis as to age-related or to perfusion induced.

**Quality of written English:** Acceptable

**Declaration of competing interests:**

I declare that I have no competing interests.