Reviewer's report

**Title:** Gitelman Syndrome manifesting in early childhood and associated with delayed puberty: a case report

**Version:** 2 **Date:** 21 June 2012

**Reviewer:** JC Chan

Which of the 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?: 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?: Yes

Comments to authors:

**General comments:**

This case report by Reza et al, Temple University, bring up an interesting case of a 17 year old with clinical features of GS from an early age and delayed puberty.

- Revisions necessary for publication:

[1] The report of elevated BUN of 34 mg/dl need to be noted and discussed. The serum creatinine of 0.9 mg/dl can help the authors calculate the creatinine clearance.
[2] In the Introduction, Bartter syndrome is mis-spelled.

[3] In the Conclusion, the word is mis-spelled.

**Quality of written English:** Acceptable

**Declaration of competing interests:**

'I declare that I have no competing interests'