Reviewer's report

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

Version: 2 Date: 24 June 2012

Reviewer: Aditi Sinha

Comments to authors:

Revisions necessary for publication
None.

Comments

1. Which of the following following best describes what type of case report this is?
   - Unexpected or unusual presentations of a disease
   - An unexpected association between diseases or symptoms
2. Has the case been reported coherently?
   - Yes
3. Is the case report authentic?
   - Yes
4. Is the case report ethical?
   - Yes
5. Is there any missing information that you think must be added before publication?
   - Yes

The diagnosis of Gitelman syndrome should have been ascertained with sequencing of the implicated gene. Information of underlying mutations and pathogenicity of the mutations should be provided.

6. Is this case worth reporting?
   - No


7. Is the case report persuasive?
   - No
8. Does the case report have explanatory value?
   - No
9. Does the case report have diagnostic value?
   - No
10. Will the case report make a difference to clinical practice?
    - No
11. Is the anonymity of the patient protected?
    - Yes
12. Comments to authors
    The findings of the paper are not novel as presentation in pediatric age group is described. The association with delayed puberty may not be important unless a pathogenetic basis is provided. Also, results of genetic testing to confirm the diagnosis should be provided.

**Quality of written English:** Acceptable

**Declaration of competing interests:**

I declare that I have no competing interests.