Baishideng Publishing Group

7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 73709

Title: Novel SLC12A3 compound heterozygous mutation in Gitelman syndrome co-existent with hyperthyroidism: A case report and literature review

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05185768
Position: Editorial Board
Academic degree: MD, MSc, PhD
Professional title: Associate Professor
Reviewer's Country/Territory: Thailand
Author's Country/Territory: China

Manuscript submission date: 2021-12-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-12-04 08:36

Reviewer performed review: 2021-12-05 07:59

Review time: 23 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No

Baishideng Publishing Group

7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Thank you for the opportunity to review this case report. This case report is interesting and was well-written. It highlighted a rare coincident disease with hyperthyroidism that was confirmed the diagnosis by genetic analysis. I have few comments about the treatment and treatment outcome. The authors should add the result of thyroid function test after treatment in the outcome and follow-up. Moreover, GS is one of genetic disease that could present in early life, why clinical hypokalemia was detected at adult period ? Does the patient have other clinical manifestations of GS in the past (vomiting, diarrhea, cramp, thirst)? If possible, please discuss this point in the discussion part and add more data including the age of onset and serum potassium before and after treatment for all case reports in table 2.

Baishideng Publishing Group

7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 73709

Title: Novel SLC12A3 compound heterozygous mutation in Gitelman syndrome co-existent with hyperthyroidism: A case report and literature review

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04471168
Position: Peer Reviewer
Academic degree: MD, PhD
Professional title: Associate Professor
Reviewer's Country/Territory: Spain
Author's Country/Territory: China

Manuscript submission date: 2021-12-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-02 11:28

Reviewer performed review: 2022-01-19 02:22

Review time: 16 Days and 14 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No

Baishideng Publishing Group

7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

- Page 5 line 19: the phrase "the results are presented in Table 1", should be deleted since it is indicated in the first line of the paragraph that they are presented in Table 1, so it is redundant. - The authors indicate in the description of the case that the hyperthyroidism is refractory to the initial treatment, but they do not indicate if they consider any additional treatment. Since the control of the electrolyte disturbances is not complete and, as they indicate, hyperthyroidism could worsen these disturbances, it should be commented whether any definitive treatment of the patient's Graves' Disease was performed. Or at least discuss why it was not done and the possible influence in the patient's condition. Therefore, I recommend that you consider publishing the case after clarifying these issues.