Reviewer's report

Title: Recurrent exercise-induced acute renal failure in a young Pakistani man with severe renal hypouricemia and SLC2A9 compound heterozygosity

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Reviewer: Koichi Nakanishi

Reviewer's report:

The authors reported a typical case of EIARF with severe renal hypouricemia due to SLC2A9 compound heterozygous mutation (p.Gly216Arg and p.Arg380Trp).

The manuscript is well written and easy to follow.

The report is somewhat interesting. Fortunately for the authors, one of the heterozygous mutations (p.Gly216Arg) in the present patient is the same one in patients with lower FE-UA (93% and 45.8%) from reference 10. Therefore, this fact provides us a bit of new insights into this disorder.

Major Compulsory Revisions:

1) The authors had better discuss the propriety of a renal biopsy in the patient with EIARF with severe renal hypouricemia based on literature. It is usually unnecessary.

2) Regarding patient management in general, the necessity of prohibition on anaerobic exercise in patients with severe renal hypouricemia should be described based on literature.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.