

**Name of Journal:** *World Journal of Clinical Cases*

**ESPS Manuscript NO:** 29321

**Manuscript Type:** CASE REPORT

**Title:** Rhabdomyolysis Following Severe Hypokalemia Caused by Familial Hypokalemic Periodic Paralysis

Dear editor.

First of all, thank you for the opportunity to get your helpful reviewer's comments of manuscript. We are submitting the edited manuscript that revised according to reviewers' suggestion.

We appreciate all reviewers very much for the valuable comments and helpful suggestion. We hope that the revised manuscript would be suitable for publication.

Sincerely yours,

Young Lee Jung, MD

**Response to the Reviewer 03550190's Comments.**

The manuscript sent for review is presented with a good methodological structure. Points out an important health problem and brings relevant issues of practice. I believe it has a high potential to be accepted in his Journal, however, I leave some suggestions and recommendations for the text.

**: Thanks for your consideration and precious comments.**

**In response to this comment, we add references and revised manuscript.**

**Response to the Reviewer 03421953's Comments.**

Excellent review. Be sure a native English speaker reviews the manuscript for grammar.

**: We appreciate you so much for the positive comments. The English correction was re-checked by English Proofread. A language certificate was attached.**

### **Response to the Reviewer 03548516's Comments.**

Was gas analysis at room air? PaO<sub>2</sub> 106 mmHg is unusual without oxygen supplementation.(page 4) Please explain what ABG stands for.

Please report the panel of serology for viruses performed.

Genetic analysis and muscle biopsy was not done: this is a limitation of the study that must be clearly reported in the discussion section.

Correct trousseau with Trousseau sign (page 4).

Correct could with could not (page 5).

Correct aldosteronism with hyperaldosteronism (page 7)

Correct indentical with identical (page 7).

Please explain how (i.e., by which mechanism) acetazolamide prevents paralytic Attacks (page 8).

**: In the response to this comment, we add the explains and references and correct the manuscript. The English correction was re-checked by English Proofread.**

### **Response to the Reviewer 03546728's Comments.**

1. In the introduction (line 1) you declare that rhabdomyolysis can have different causes, but can you cite some of them with associated references.
2. You also say in the introduction that this is a medical emergency, can you explain why? acute renal failure, hypovolemic choc..?
3. In the description of biological values, you give creatine phosphokinase, lactic acid deshydrogease, serum potassium levels...but have you measured myoglobin levels in the serum? Indeed, the kinetic of myoglobin seems to be better that creatine phosphokinase? Can you give myoglobin levels in these biological results or discuss the lack of measures as a limitation if you have not these results.
4. Can you please correct line 49 "we could not perform" and not "we could not perform".
5. In the discussion, you say that "drugs are the most common cause of potassium depletion", can you give some examples with associated

references (thiazides, chronic laxatives...)

6. In the discussion can you note references when you cite some examples of precipitating factors such as stress, infections, menstruation, lack of sleep.

**: I appreciate the reviewer very much for helpful comment. Based on your valuable suggestion, we added references and revised manuscript.**

#### **Response to the Reviewer 03518891's Comments.**

Introduction: Please reinforce the interesting facts by providing some references

Case

Line 10: " she heard..... " This term seems strange in medical papers, it's preferred to write "there was no history of..."

The patient's ABG seems to show respiratory alkalosis, also later tetany was reported by the authors. Have you investigated the ionized/total Calcium level? It would be interesting as hypocalcemia presents a known cause/result of rhabdomyolysis and it's predisposed by alkalosis and presents as tetany

Discussion

Para 1, Line 3: "...associated with...." this sentence need some clarification... Associated with as etiological factors, complications or diagnostic criteria as I guess the items enumerated include all of them which seems a little confusing when gathered together in one sentence!

Para 3, line 11 till the summary a lot of important and interesting facts which is better reinforced by references.

**: I appreciate the reviewer very much for helpful comment. Based on your valuable suggestion, we added references and revised manuscript.**