

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 29321

**Title:** Rhabdomyolysis following severe hypokalemia caused by familial hypokalemic periodic paralysis

**Reviewer's code:** 03550190

**Reviewer's country:** Brazil

**Science editor:** Shui Qiu

**Date sent for review:** 2016-08-16 14:09

**Date reviewed:** 2016-09-01 08:50

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input checked="" type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

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. Best Regards

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

**ESPS manuscript NO:** 29321

**Title:** Rhabdomyolysis following severe hypokalemia caused by familial hypokalemic periodic paralysis

**Reviewer's code:** 03421953

**Reviewer's country:** United States

**Science editor:** Shui Qiu

**Date sent for review:** 2016-08-16 14:09

**Date reviewed:** 2016-09-03 04:24

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

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

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 29321

**Title:** Rhabdomyolysis following severe hypokalemia caused by familial hypokalemic periodic paralysis

**Reviewer's code:** 03548516

**Reviewer's country:** Italy

**Science editor:** Shui Qiu

**Date sent for review:** 2016-08-16 14:09

**Date reviewed:** 2016-09-07 01:30

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

The case report is clear and of interest. Some minor points need to be clarified. 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 identical with identical (page 7). Please explain how (i.e., by which mechanism) acetazolamide prevents paralytic Attacks (page 8).

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 29321

**Title:** Rhabdomyolysis following severe hypokalemia caused by familial hypokalemic periodic paralysis

**Reviewer's code:** 03546728

**Reviewer's country:** France

**Science editor:** Shui Qiu

**Date sent for review:** 2016-08-16 14:09

**Date reviewed:** 2016-09-08 20:27

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

Recommendation: ? Accept with minor comments The manuscript entitled "Rhabdomyolysis following severe hypokalemia caused by familial hypokalemic periodic paralysis" is a case-report of a 30 years old woman with a rhabdomyolysis caused by familial hypokalemic paralysis. First, I would thank the authors for this clinical case that reminds us that familial hypokalemic paralysis can be an etiology for rhabdomyolysis. Minor 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 dehydrogenase, serum potassium levels...but have you measured myoglobin levels in the serum? Indeed, the kinetic of myoglobin seems to be better than 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



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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...

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

**ESPS manuscript NO:** 29321

**Title:** Rhabdomyolysis following severe hypokalemia caused by familial hypokalemic periodic paralysis

**Reviewer's code:** 03518891

**Reviewer's country:** Egypt

**Science editor:** Shui Qiu

**Date sent for review:** 2016-08-16 14:09

**Date reviewed:** 2016-09-17 05:07

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
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<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

This manuscript reports a very important and interesting case of nontraumatic rhabdomyolysis complicating familial periodic paralysis. The authors discussed the case in a concise, clear and logic manner. Meanwhile the reviewer has some enquiries which may rise to the readers' mind. Also the reviewer has some minor suggestions which may help the manuscript to be more clear. 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



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reinforced by references