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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Critical Care Medicine

ESPS manuscript NO: 28314

Title: Exertional rhabdomyolysis and heat stroke: Beware of volatile anesthetic sedation

Reviewer's code: 00742429

Reviewer's country: Nigeria

Science editor: Fang-Fang Ji

Date sent for review: 2016-07-01 14:37

Date reviewed: 2016-08-01 01:58

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 checked="" type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
		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

Abstract: The abstract appears to be too long. Introduction: There is a grammatical error in paragraph 6, line 5. Paragraph 7 should read thus: With adequate treatment, complications still occur in 20% of patients. The most common... Paragraph 8: last line. Typo. Many of the assertions in the Introduction lack references. Discussion: Paragraph 2, line 2: Technical advances, however, ... Line 10: breath-by-breath... Paragraph 8: In this paper, we... The authors should reword this statement to make it understandable. Paragraph 11; However,... Conclusion: paragraph 1; line 3: However, as a... References: Reference 5 has 23 entries: Why not 6 authors, followed by et al? The same applies to many other reference numbers



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Critical Care Medicine

ESPS manuscript NO: 28314

Title: Exertional rhabdomyolysis and heat stroke: Beware of volatile anesthetic sedation

Reviewer's code: 00506276

Reviewer's country: Poland

Science editor: Fang-Fang Ji

Date sent for review: 2016-07-01 14:37

Date reviewed: 2016-08-04 15:36

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 checked="" 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 type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
		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

In this manuscript authors report three cases of exercise-induced rhabdomyolysis and discuss the literature about its relationship with susceptibility to malignant hyperthermia with special emphasis on genetic RYR-related predisposition. The topic is of interest and has important implications taking into account growing popularity of tremendous exercise training in the public. The manuscript is overall well-written. However, the Abstract should be improved to become more informative. In the current form it is not entirely clear what is the specific aim of this paper. In addition, some figure(s) presenting the role of RYR1 in muscle (patho)physiology related to diseases addressed in this paper would be suitable.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Critical Care Medicine

ESPS manuscript NO: 28314

Title: Exertional rhabdomyolysis and heat stroke: Beware of volatile anesthetic sedation

Reviewer's code: 00502903

Reviewer's country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2016-07-01 14:37

Date reviewed: 2016-07-28 14:21

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> [Y] Grade B: Very good	<input type="checkbox"/> [Y] 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 type="checkbox"/> [Y] 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 type="checkbox"/> [Y] No	

COMMENTS TO AUTHORS

This well-written manuscript presents a succinct review of exertional rhabdomyolysis, heat stroke, and malignant hyperthermia. My main comment would be to expand on the abbreviations for MHS and MHN on page 6 and GCS on page 7.



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Critical Care Medicine

ESPS manuscript NO: 28314

Title: Exertional rhabdomyolysis and heat stroke: Beware of volatile anesthetic sedation

Reviewer's code: 00037018

Reviewer's country: Italy

Science editor: Fang-Fang Ji

Date sent for review: 2016-07-01 14:37

Date reviewed: 2016-08-08 15:59

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 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 checked="" 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		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

This is an interesting and well writtent review on exertional rhabdomyolysis and the potential risk of admenistering volatile anesthetic for sedation. Three cases of patients with exertional rhabdomyolysis have been described, however most of these patients did not take volatile anesthetics, so the connection between these two topics and the cases reports is unclear. The aim of this review and case reports should be explicitly mentioned in the abstract and text of the manuscript. More details should be also provided on the molecular mechansism by which volatile anesthetic damage the muscular tissue particularly in patients with exertional rhabdomyolysis. Minor points Title: please revises "and/or" choose one of the two logical options... Abstract: please revise "semi-marathon". Perhaps change "insight" with "insights"? Last sentence is unclear. Main text: please define the acronyms: "ETCO2" and "OR". Please find and revise "can to be repeated", "has been shown to demonstrate". Why 20% of the COOH terminal? Please add a figure summarizing the features of the RYR1 gene and gene product. Please revise "chrom" with "chromosome"