



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 50009

**Title:** Prognostic impact of body mass index on in-hospital bleeding complications after ST-segment elevation myocardial infarction

**Reviewer’s code:** 00742268

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer’s country:** Saudi Arabia

**Author’s country:** France

**Reviewer chosen by:** Ying Dou

**Reviewer accepted review:** 2019-07-21 05:18

**Reviewer performed review:** 2019-08-07 03:11

**Review time:** 16 Days and 21 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**



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The study group report on the prevalence and prognosis of in-hospital and one year follow-up bleeding events in relation to BMI after ST-segment elevation myocardial infarction Major findings are that normal weight patients presented a higher rate of bleeding complications and a lower survival rate after STEMI and multivariate analysis provided causal relationships. **Comment** The first sentence in the Conclusion drawn at the end of the body text needs clarification as it is seemingly pointing to the multivariate findings. In this context, a higher prevalence should be considered: The novelty of this report was the evidence of lower prevalence and a poorer prognostic impact of bleeding complications in normal weight patients Table 1: statistics for multivessel disease should be reassessed. **Spelling** Table I: phophokinase, phosphokinase

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- The same title
- Duplicate publication
- Plagiarism
- No

##### ***BPG Search:***

- The same title
- Duplicate publication
- Plagiarism
- No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 50009

**Title:** Prognostic impact of body mass index on in-hospital bleeding complications after ST-segment elevation myocardial infarction

**Reviewer's code:** 02602042

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Chief Doctor, Research Scientist

**Reviewer's country:** China

**Author's country:** France

**Reviewer chosen by:** Ruo-Yu Ma

**Reviewer accepted review:** 2019-08-15 06:50

**Reviewer performed review:** 2019-08-15 09:11

**Review time:** 2 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**



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Authors discussed an interesting topic about the BMI paradox in STEMI patients. In the present study, authors summarized normal weight (BMI<25 kg/m<sup>2</sup>) per se did not impact on one-year CV mortality but increased the effect of bleeding on mortality. They present a hypothesis of the obesity paradox, with in-hospital bleeding in BMI ≥25 kg/m<sup>2</sup> patients related to lower impact on one-year mortality after STEMI. The manuscript has delivered important clinical message and should be of great interest to the readers. Although needs extensive language corrections before being published, this article could have been improved by minor revisions.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

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- No

##### ***BPG Search:***

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- No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 50009

**Title:** Prognostic impact of body mass index on in-hospital bleeding complications after ST-segment elevation myocardial infarction

**Reviewer’s code:** 02446585

**Position:** Editorial Board

**Academic degree:** MSc, PhD

**Professional title:** Professor

**Reviewer’s country:** Iraq

**Author’s country:** France

**Reviewer chosen by:** Ruo-Yu Ma

**Reviewer accepted review:** 2019-08-15 06:46

**Reviewer performed review:** 2019-08-16 05:58

**Review time:** 23 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**



1. The title reflects the main hypothesis of the manuscript. 2. The abstract summarizes and reflects the work described in the manuscript. 3. The keywords are quite sufficient. 4. The manuscript adequately describes the background, present status and significance of the study. 5. The methods were adequately detailed. 6. The research objectives were achieved by the experiments of this study. 7. The discussion was not adequate, and the following points need to be more highlighted to improve the discussion: A. Few details are needed about the possible influence of obesity on the pharmacokinetic features of the anticoagulants used by the targeted patients??? B. There is no suggestion or recommendation on how this finding can improve the clinical practice for the aim of reducing bleeding in non-obese subjects!!!! Accordingly, the discussion part needs to be improved with adequate reference citation. 8. The data are well presented. 9. The statistical evaluation is adequate.

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