

PEER-REVIEW REPORT

Name of journal: World Journal of Methodology

Manuscript NO: 40549

Title: Towards a better understanding of anesthesia emergence mechanisms: Research and clinical implications

Reviewer's code: 00068723

Reviewer's country: Japan

Science editor: Fang-Fang Ji

Date sent for review: 2018-06-30

Date reviewed: 2018-07-03

Review time: 3 Days

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 type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" 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

The authors reviewed literatures on anesthesia emergence (AE). Topics ranged from physiological aspects to clinical implications. Aim and conclusion were not clear. In Introduction, problems of AE were not clear. Possibly, this part would consist of the aim



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of this review. EEG was interesting, but its implication was immature. It would be better to present clinical features of each EEG findings. Were there any correlation between EEG findings and anesthetic agents?

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
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- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Methodology

Manuscript NO: 40549

Title: Towards a better understanding of anesthesia emergence mechanisms: Research and clinical implications

Reviewer's code: 02510721

Reviewer's country: Italy

Science editor: Fang-Fang Ji

Date sent for review: 2018-06-30

Date reviewed: 2018-07-03

Review time: 3 Days

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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input checked="" 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 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 type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

To Authors The study shows the developments of the complex neurobiological process of the anesthesia emergence mechanisms. The Authors report in each section, as neurobiology of emergence, translational data and research perspectives, wide



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discussion based on update references. The manuscript can be very interesting in the perspective of the update of of the anesthetists and surgeons.

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- ☐ [Y] No

BPG Search:

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- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Methodology

Manuscript NO: 40549

Title: Towards a better understanding of anesthesia emergence mechanisms: Research and clinical implications

Reviewer's code: 02520738

Reviewer's country: Italy

Science editor: Fang-Fang Ji

Date sent for review: 2018-06-30

Date reviewed: 2018-07-05

Review time: 5 Days

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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input 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 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 type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

To: Editorial Board World Journal of Methodology Title: "Towards a better understanding of anesthesia emergence mechanisms. Research and clinical implications"

Dear Editor, I read this manuscript and I think that the paper is good and well written.



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BPG Search:

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- ☐ Plagiarism
- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Methodology

Manuscript NO: 40549

Title: Towards a better understanding of anesthesia emergence mechanisms: Research and clinical implications

Reviewer's code: 02520845

Reviewer's country: Croatia

Science editor: Fang-Fang Ji

Date sent for review: 2018-06-30

Date reviewed: 2018-07-06

Review time: 6 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input 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 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

ESPS Manuscript NO: 40549 Title: Towards a better understanding of anesthesia emergence mechanisms. Research and clinical implications General comments This minireview provides a current knowledge on the mechanisms of



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anesthesia emergence including the results of preclinical investigations and gives the translational suggestions and research perspective. The authors systematically described the neurobiology of emergence following by clinical implications and finishing with the translational data and research perspectives. The text is easy to follow as well as readable with interesting writing style which will attract the scientific readers. In literature review, recent researches are listed to this topic. In conclusion, this is a very interesting review which will help to shape our understanding of the anesthesia emergence.

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BPG Search:

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- ☐ Plagiarism
- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Methodology

Manuscript NO: 40549

Title: Towards a better understanding of anesthesia emergence mechanisms: Research and clinical implications

Reviewer's code: 02519158

Reviewer's country: Poland

Science editor: Fang-Fang Ji

Date sent for review: 2018-06-30

Date reviewed: 2018-07-15

Review time: 15 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input 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
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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

This article is an interesting review concerning modern anesthesia question in clinical practice. It may be a valuable search of knowledge for anesthesiologists, medicine students and for all clinicians who in their practice meet problems of anethesia. For these



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reasons, I recommend this article for publication in World Journal of Methodology.

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BPG Search:

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- ☐ [Y] No