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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases
Manuscript NO: 33387
Title: Adjuvants to local anesthetics: Current understanding and future trends
Reviewer's code: 02446717
Reviewer's country: China
Science editor: Fang-Fang Ji
Date sent for review: 2017-02-07
Date reviewed: 2017-02-07

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[Y] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The invited editorial (Number ID: 00724702) discusses the current understanding on local anesthetic adjuvants, recent evidence and the future trends on this topic. The use of local anaesthetics in acute and chronic pain is limited by its duration of action and the dose dependent adverse effects. Adjuvants or additives are often used with local anaesthetics for its synergistic effect by prolonging the duration of sensory-motor block and limiting its cumulative dose requirement. Various drugs like opioids, epinephrine, alpha-2 adrenergic antagonists, steroids, anti-inflammatory drugs, midazolam, ketamine, magnesium sulfate and neostigmine have been used to potentiate the effect of local anesthetics. Due its potential adverse effects, current research is exploring newer drugs and delivery mechanisms to prolong the duration of action of local anesthetics. This editorial is interesting. It gives readers new insights of this field. I have no soncerns. Thanks.

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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases
Manuscript NO: 33387
Title: Adjuvants to local anesthetics: Current understanding and future trends
Reviewer's code: 00722239
Reviewer's country: Japan
Science editor: Fang-Fang Ji
Date sent for review: 2017-03-25
Date reviewed: 2017-03-26

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[Y] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

This is a good review of regarding the adjuvants to local anesthetics. The details of usage, effects and mechanisms of drugs which commonly used as local anaesthetic adjuvants are well explained. This review is worth publishing. I have no specific comment.