

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 41016

Title: Clinical relevance of atrial septel aneurysm and patent foramen ovale with migraine

Reviewer's code: 03652653

Reviewer's country: Germany

Science editor: Fang-Fang Ji

Date sent for review: 2018-09-04

Date reviewed: 2018-09-07

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 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 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 study evaluated the relevance of atrial septum aneurysm in patients with migraine undergoing PFO-closure. The manuscript is well written, the results are clear, and the conclusions appear mostly reasonable. Strong items are the enrollment of a relatively



**Baishideng
Publishing
Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https:// www.wjgnet.com

large number of patients for such an setting, the comprehensive presentation of data, and the presentation of changes in use over time. Limitations are the single center setting. Here are some suggestions that might help to improve this manuscript: 1.) Abstract, the results: the sentence starting with “After PFO closure...” is misleading since there were no differences in score between groups before or after procedure. This should be correctly stated in results and conclusion. 2.) Introduction, last sentence: “strength of association” was not tested in the present study. Thus, a different wording such as simply “the association of...” might be more appropriate. 3.) Page number would be helpful. 4.) The discussion appears a bit too long and should be more focused. It would be also important to state that presence/absence of an atrial septum aneurysm was associated with differences in baseline characteristics but not with differences in severity of migraine as demonstrated by the similar score results.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 41016

Title: Clinical relevance of atrial septel aneurysm and patent foramen ovale with migraine

Reviewer's code: 03702209

Reviewer's country: Greece

Science editor: Fang-Fang Ji

Date sent for review: 2018-09-04

Date reviewed: 2018-09-11

Review time: 7 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 type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input checked="" 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 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

This study investigated whether between patients with a PFO the presence of ASA is associated with ischaemic stroke, larger patent foramen ovale size (and thus larger right-to left shunt) and migraine with aura. The authors suggest that there is an

association between ASA and migraine in the setting of PFO that can be ameliorated after PFO closure. They found that PFO closure in ASA and non-ASA group relieved migraine attacks and significantly reduced HIT-6 scores. The results are very interesting taking into consideration that a PFO with or without ASA is not a rare entity and that migraine is a common disease with significant burden in the patients' quality of life. A number of linguistic errors should be dealt with: 1. TITLE: replace atrial septum aneurysm with atrial septal aneurysm for uniformity of terminology 2. Page 2 line 10 replace with the condition with "on the condition" 3. Page 4 line 8 delete one of the ins 4. Page 5 line 2 at risk instead of a risk 5. Page 5 line 8 leave a gap between 450 and patients 6. Page 6 delete the phrase "all patients received antibiotics....) 7. Page 6 line 18 replace surgeon by interventional cardiologist 8. Page 7 line 5 delete the phrase single-dose antibiotics...was administered intravenously to prevent infective endocarditis and... 9. Page 7 line 18 delete with 10. Page 7 line 19 add ...made by phone calls 11. Page 9 line 7 replace include in by included 12. Page 10 line 11 replace normal by normal 13. Page 11 first paragraph: in addition...is the proposed mechanism a speculation of the authors or is an appropriate reference to explain the findings necessary 14. Page 12 replace migraine by migraine After these minor revisions I consider that the manuscript is suitable for publication in the journal Yours sincerely, Dr Ageliki Karatza

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- [] The same title
- [] Duplicate publication
- [] Plagiarism
- [Y] No



**Baishideng
Publishing
Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

https:// www.wjgnet.com

BPG Search:

[] The same title

[] Duplicate publication

[] Plagiarism

[Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 41016

Title: Clinical relevance of atrial septal aneurysm and patent foramen ovale with migraine

Reviewer's code: 03639986

Reviewer's country: China

Science editor: Fang-Fang Ji

Date sent for review: 2018-09-04

Date reviewed: 2018-09-11

Review time: 7 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 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 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

This paper showed that Patent foramen ovale combined with atrial septal aneurysm is associated with migraine. The study is interesting and meaningful to clinical work. 1、The title should be " Patent foramen ovale combined with atrial septal aneurysm is



**Baishideng
Publishing
Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https:// www.wjgnet.com

associated with migraine: a single-center study" 2、 Grammatical errors need to be corrected.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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