

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 53758

Title: Antiphospholipid syndrome and its role in pediatric cerebrovascular diseases: A literature review

Reviewer's code: 03254239

Position: Peer Reviewer

Academic degree: DNB, MBBS, MD

Professional title: Doctor, Surgeon

Reviewer's Country/Territory: India

Author's Country/Territory: Poland

Manuscript submission date: 2019-12-29

Reviewer chosen by: Jie Wang

Reviewer accepted review: 2020-01-07 08:31

Reviewer performed review: 2020-01-21 18:59

Review time: 14 Days and 10 Hours

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 Grade E: Do not publish	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



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

☐ Yes

☐ No

SPECIFIC COMMENTS TO AUTHORS

The authors have written a nice review on Antiphospholipid syndrome and its role in pediatric cerebrovascular diseases. The authors have done a useful literature review. The manuscript is nicely written.

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 Clinical Cases

Manuscript NO: 53758

Title: Antiphospholipid syndrome and its role in pediatric cerebrovascular diseases: A literature review

Reviewer's code: 00068912

Position: Editorial Board

Academic degree: DSc, MD

Professional title: Full Professor

Reviewer's Country/Territory: Russia

Author's Country/Territory: Poland

Manuscript submission date: 2019-12-29

Reviewer chosen by: Ying Dou

Reviewer accepted review: 2020-02-25 08:02

Reviewer performed review: 2020-03-01 08:16

Review time: 5 Days

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

[] Yes

[Y] No

SPECIFIC COMMENTS TO AUTHORS

Name of journal: World Journal of Clinical Cases 53758. Review Dear Lian-Sheng Ma, Founder and Chief Executive Officer. The topic of this review falls within the scope of "World Journal of Clinical Cases". The manuscript entitled "Antiphospholipid syndrome and its role in pediatric cerebrovascular diseases: a literature review" by Sarecka-Hujar B., Kopyta I. is devoted to the manuscript is devoted to the description of the literature data on the development of venous and arterial thrombosis as well as ischemic strokes during the characteristic clinical picture of AFS in the child population. The Authors this review tackles a very interesting clinical problem. The Title of manuscript reflects the content of the article. The writing up of the abstract meets the journal requirements. The Abstract shows all the sections that have been studied and reported in the review. In line 4 of the abstract, " β 2 GPI" should be replaced with "anti- β 2GP-1" (and throughout the text to present the same). The Introduction exposes the most evident data known on Antiphospholipid syndrome in pediatric and in adults. The all this gives sufficient information about the research objective. In this study by authors present data on diagnostic criteria of APS; role of aPLs in thrombotic events; epidemiological data on APS in adults and children; clinical presentation, other than cerebrovascular, of APS in pediatric population; cerebrovascular disorders in children with APS, treatment of APS in pediatric population. The authors describe the role of antiphospholipid antibodies in

the formation of thrombosis. In the pathogenesis of thrombosis in APS, the entire hemostatic system is affected (Reshetnyak V.I., Maev I.V., Reshetnyak T.M., Zhuravel S.V., Pisarev V.M. Liver Disease and Hemostasis (Review) Part 2. Cholestatic Liver Disease and Hemostasis. General Reanimatology 2019; 15(6): 80-93. DOI:10.15360/1813-9779-2019-6-80-93). Among the mechanisms of development, an important role belongs to the reduction of fibrinolysis (Aisina R.B., Mukhametova L.I., Varfolomeyev S.D., Ostryakova E.V., Seredavkina N.V., Reshetnyak T.M., Nasonov E.L., Patrushev L.I., Patrusheva N.L., Gulin D.A., Gershkovich K.B. Polymorphism of the plasminogen activator inhibitor type 1 gene, plasminogen level and thromboses in patients with the antiphospholipid syndrome. Biochemistry (Moscow) Supplement. Series B: Biomedical Chemistry. 2013;7 (1):1-15. PMID: 24749249. DOI: 10.18097/pbmc20146001072). Genetic polymorphism of genes in the hemostasis system is a condition in which the failure of genes can occur under certain trigger factors. Mutations in the V and II blood factor genes are associated with venous thromboembolic complications. There are a number of descriptions of cases where these mutations are combined with antiphospholipid antibodies and thrombotic complications. (сюда ссылку на статью по трансплантации печени). Mutations in the 5,10 methylenetetrahydrofolate reductase gene can lead to hyperhomocysteinemia and thrombotic complications. The risk of developing thrombosis increases when the polymorphism of these genes is combined with antiphospholipid antibodies (Reshetniak TM, Patrushev LI, Tikhonova TF, Kovalenko TF, Mach ES, Aleksandrova EN, Miroshnikov AI, Nasonova VA. [Mutation of a 5,10-methylenetetrahydrofolate reductase gene in systemic lupus erythematosus and antiphospholipid syndrome]. Ter Arkh. Russian. 2002;74(5):28-32. PMID: 12087901) Conclusion summarizes the most evident data collected by the review and presented. In summary this work is well performed.



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

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 Clinical Cases

Manuscript NO: 53758

Title: Antiphospholipid syndrome and its role in pediatric cerebrovascular diseases: A literature review

Reviewer's code: 03546728

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: France

Author's Country/Territory: Poland

Manuscript submission date: 2019-12-29

Reviewer chosen by: Ying Dou

Reviewer accepted review: 2020-02-21 06:44

Reviewer performed review: 2020-03-08 17:58

Review time: 16 Days and 11 Hours

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

☐ Yes

☐ No

SPECIFIC COMMENTS TO AUTHORS

This review is well written and is a clear summary of APS in children. However, I don't see what is new in your study compared to recent studies such as : Pediatric APS: State of the Art. Soybilgic A, Avcin T. Curr Rheumatol Rep. 2020 Mar 3;22(3):9. or Pediatric antiphospholipid syndrome. Madison JA, Zuo Y, Knight JS. Eur J Rheumatol. 2019 Dec 3;1-10. Can you justify ?

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

☐ The same title

☐ Duplicate publication

☐ Plagiarism

☐ No

BPG Search:

☐ The same title

☐ Duplicate publication

☐ Plagiarism

☐ No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com