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**E-mail:** bpgoffice@wjgnet.com  
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Prof. Jin-Lei Wang

Science Editor, Editorial Office

Baishideng Publishing Group Inc

June 16, 2019

Dear Editor and Reviewers,

Thank you for your letter and for the reviewers' comments concerning our manuscript. We greatly valued all the comments, which were very helpful for us to revise the paper and to improve its quality. Based on your comments, we have made a careful revision throughout the manuscript. To the best of our abilities, we modified the manuscript to improve its understandability and scientific quality.

Reviewer(s)' Comments to Authors:

## **PEER-REVIEW REPORT**

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 48621

**Title:** Drug coated balloon angioplasty for renal artery stenosis due to Takayasu arteritis - a case series

**Reviewer's code:**00646357

**Reviewer's country:** Egypt

**Science editor:** in-Lei Wang



**Reviewer accepted review:** 2019-05-09 06:08

**Reviewer performed review:**2019-05-09 07:05

**Review time:**1 Hour

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 Grade E: Do not publish	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

**SPECIFIC COMMENTS TO AUTHORS**

-Add the unique of this study compared to other studies discuss the same issue.

**Answer:** Thanks for your comment. Percutaneous transluminal angioplasty (PTA) of the involved renal arteries has been reported [1]; however, few studies have reported the use of drug coated balloon angioplasty in the treatment of Takayasu arteritis. We present 5 cases of treatable hypertension, which were diagnosed with renovascular hypertension due to Takayasu arteritis of the renal artery. They underwent PTA with drug coated balloon catheter; thereafter, their blood pressure became normal with decreased amount of antihypertensive drug treatment. Our treatment



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protocol, like other studies,<sup>[1]</sup> has achieved satisfactory results.

-Add more on the basic of this disease in the introduction

**Answer:** The following basic of Takayasu arteritis was added in the introduction.

The disease course extends over many years and recurrences are frequent even after receiving corticosteroid treatment [2].

The inflammatory process can lead to stenosis, occlusion, and aneurysms in the affected arteries, thus increasing the risk of cardiovascular morbidity and mortality [3].

-Discuss merits of CT angiography and MR angiography using these ref Abdel Razek AA, Denewer AT, Hegazy MA, Hafez MT. Role of computed tomography angiography in the diagnosis of vascular stenosis in head and neck microvascular free flap reconstruction. Int J Oral Maxillofac Surg 2014;43:811-5. Razek AA, Gaballa G, Megahed AS, Elmogy E. Time resolved imaging of contrast kinetics (TRICKS) MR angiography of arteriovenous malformations of head and neck. Eur J Radiol 2013;82:1885-91.

**Answer:** Thanks for your comments. Identifying disease activity for Takayasu arteritis is quite challenging. CTA is a high-quality imaging tool for the diagnosis and grading of vascular disease.

<sup>[4]</sup> Quantitative characterization is a useful for identifying disease activity, relative enhancement ratio and maximal wall thickness have a high sensitivity and specificity for detecting its activity.<sup>[2]</sup>

Razek et al.<sup>[5]</sup> reported that time resolved imaging of contrast kinetics MR angiography is useful for evaluation and treatment planning of arteriovenous malformations. The merits of MR angiography are needed to investigate for Takayasu arteritis.

-English language correction through the manuscript

**Answer:** Thanks for your comment. This manuscript has been edited for proper English language, grammar, punctuation, spelling, and overall style by highly qualified native English speaker.



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-Update of references as most of references are old

**Answer:** The references were updated and the old one was deleted. Thanks.

#### **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:** 48621

**Title:** Drug coated balloon angioplasty for renal artery stenosis due to Takayasu arteritis - a case series

**Reviewer's code:**00503322

**Reviewer's country:** United Kingdom

**Science editor:** in-Lei Wang

**Reviewer accepted review:** 2019-05-09 08:29

**Reviewer performed review:**2019-05-09 09:59

**Review time:**1 Hour

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



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Rejection       [ Y ] No

### **SPECIFIC COMMENTS TO AUTHORS**

The authors have presented their experience of managing renal artery stenosis caused by Takayasu disease with angioplasty and deployment of drug-eluting stents. Although the number of patients in the case series consists of 5 female patients, the knowledge shared is valuable to personnel involved in managing this group of patient. The word "ladies" should be replaced by "female patient" initially and by "patients" in subsequent sections. There are recent publications on Takayasu's disease involving renal arteries, which need to be included in the reference and older references be removed.

**Answer:** Thanks for your comments. The word “ladies” was revised and the recent references were added according to your suggestion.

### **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:** 48621

**Title:** Drug coated balloon angioplasty for renal artery stenosis due to Takayasu arteritis - a case series

**Reviewer's code:**02741591

**Reviewer's country:** Egypt

**Science editor:** in-Lei Wang

**Reviewer accepted review:** 2019-05-11 01:36

**Reviewer performed review:**2019-05-11 02:02

**Review time:**1 Hour

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



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[ Y] Rejection       [ Y] No

### **SPECIFIC COMMENTS TO AUTHORS**

Abstract (113 words) is too short

**Answer:** The abstract was revised. Thanks.

The presented 5 cases imply that they were diagnosed at the same time. It has to be clarified that TA is a rare disease and mention over how long these 5 cases were detected.

**Answer:** Thanks for your comment. As you pointed out, Takayasu arteritis is a rare disease. From April 2017 to October 2018, these 5 cases were detected and were treated by drug eluting angioplasty.

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

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

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

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

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



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Editor's comments to the Author:

Please revise the manuscript according to the review report and my comments. And answer all of the reviewers' comments carefully. Also, please check and revise the manuscript according to the CrossCheck report.

**Answer:** The manuscript was revised according to all comments and the CrossCheck report.

Please provide and upload the approved grant application form(s).

**Answer:** The grant application form was uploaded. Thanks.

Please revise this section.

Under the heading of Case Presentation, the following seven aspects must be presented in this order:

- 1) Chief complaints;
- 2) History of present illness;
- 3) History of past illness;
- 4) Personal and family history;
- 5) Physical examination upon admission;
- 6) Laboratory examinations—e.g., routine blood tests, routine urine tests and urinary sediment examination, routine fecal tests and occult blood test, blood biochemistry, immune indexes, and infection indexes;
- 7) Imaging examinations—e.g., ultrasound, plain abdominal and pelvic CT scan, high-resolution chest CT scan, and head MRI. The patient case presentation should be descriptive, organized chronologically, accurate, salient, and presented in a narrative form.

Please add or move the related information under those subtitles.

**Answer:** Thanks for your comment. This section was revised according to your suggestion.



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The main figure legend should be provided and four pictures without arrow or character should be uploaded.

**Answer:** The figure legends were added and the figures were replaced. Thanks.

Please add PubMed citation numbers and DOI citation to the reference list and list all authors. Please revise throughout. The author should provide the first page of the paper without PMID and DOI.

PMID (<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>)

DOI (<http://www.crossref.org/SimpleTextQuery/>)

**Answer:** Thanks for your comment. All references were updated and revised according to your requirements.

We greatly appreciate the diligence and careful review of our paper by the editor and reviewers. The file was carefully studied to improve our manuscript. We hope that our modifications will be met with your approval. Once again, thank you for your attention and look forward to your favorable consideration.

## References

1. Gumus B, Cevik H, Vuran C, Omay O, Kocyigit OI, Turkoz R Cutting balloon angioplasty of bilateral renal artery stenosis due to Takayasu arteritis in a 5-year-old child with midterm follow-up *Cardiovasc Intervent Radiol* 2010; 33; 394-397. [10.1007/s00270-009-9623-6]
2. Chen B, Wang X, Yin W, Gao Y, Hou Z, An Y, Li Z, Ren X, Zhao S, Das P, Lu B Assessment of disease activity in Takayasu arteritis: A quantitative study with computed tomography angiography *Int J Cardiol* 2019; 289; 144-149. [S0167-5273(19)30957-X]



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[pii]10.1016/j.ijcard.2019.04.086]

3. He Y, Lv N, Dang A, Cheng N Pulmonary Artery Involvement in Patients with Takayasu Arteritis J Rheumatol 2019[jrheum.190045 [pii]10.3899/jrheum.190045]
4. Abdel Razek AA, Denewer AT, Hegazy MA, Hafez MT Role of computed tomography angiography in the diagnosis of vascular stenosis in head and neck microvascular free flap reconstruction Int J Oral Maxillofac Surg 2014; 43; 811-815. [S0901-5027(14)00133-7 [pii]10.1016/j.ijom.2014.03.014]
5. Razek AA, Gaballa G, Megahed AS, Elmogy E Time resolved imaging of contrast kinetics (TRICKS) MR angiography of arteriovenous malformations of head and neck Eur J Radiol 2013; 82; 1885-1891. [S0720-048X(13)00351-3 [pii]10.1016/j.ejrad.2013.07.007]