

## PEER-REVIEW REPORT

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

**Manuscript NO:** 54783

**Title:** Diagnosis of an actively bleeding brachial artery hematoma by Contrast-Enhanced ultrasound

**Reviewer's code:** 03563654

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Professor, Surgeon

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-05-02

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-05-02 17:12

**Reviewer performed review:** 2020-05-02 17:15

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

(DOI: 10.1111/iwj.13265 ) and ( <https://doi.org/10.1111/tbj.13174>) i suggest both of these uptodate studies for the references.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 54783

**Title:** Diagnosis of an actively bleeding brachial artery hematoma by Contrast-Enhanced ultrasound

**Reviewer's code:** 03537202

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-05-02

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-05-03 11:42

**Reviewer performed review:** 2020-05-03 13:07

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## **SPECIFIC COMMENTS TO AUTHORS**

Authors reported a rare case of actively bleeding from brachial artery detected by contrast-enhanced ultrasound (CEUS) in a patient underwent to chinese acupuncture treatment and shoulder massage after the acupuncture treatment. STATUS: ACCETTABLE FOR PUBBLICATION PENDING MINOR REVISIONS General considerations: This is a CASE REPORT article. The work is interesting, the paper is very well-written and there are only a few articles in literature about this topic. Abstract: the abstract appropriately summarize the manuscript without discrepancies between the abstract and the remainder of the manuscript. Keywords: inadequate. Please, reach at least five. Reference: inadequate. Please, follow my suggestions. Paper On some aspects, the authors should address: 1)I think it would be appropriate to discuss about the difference between active bleeding, arterial pseudoaneurysm and simple hematoma. You will find the correct definitions in the following articles, which you have to cite: -Corvino A, Catalano O, Corvino F, Sandomenico F, Setola SV, Petrillo A. Superficial temporal artery pseudoaneurysm: what is the role of ultrasound? J Ultrasound 2016;19(3):197-201. doi: 10.1007/s40477-016-0211-8. eCollection 2016 Sep. -Corvino A, Catalano O, de Magistris G, Corvino F, Giurazza F, Niola R, Vallone G. Usefulness of Doppler techniques in the diagnosis of peripheral iatrogenic pseudoaneurysm secondary to minimally invasive interventional and surgical procedures: imaging findings and diagnostic performance study. J Ultrasound. 2020 3 May. [Epub ahead of print]. 2)In the US assessment you used Doppler ultrasound. What were the technical parameters used? A description of the usefulness of the doppler techniques in the study of superficial tissues can be found in the following articles, which you must discuss and cite: -Catalano O, Roldán FA, Varelli C, Bard R, Corvino A, Wortsman X. Skin cancer: findings and role of high-resolution ultrasound. J

Ultrasound. 2019 Dec;22(4):423-431. doi: 10.1007/s40477-019-00379-0. Epub 2019 May 8.

-Corvino A, Pignata S, Campanino MR, Corvino F, Giurazza F, Tafuri D, Pinto F, Catalano O. Thyroglossal duct cysts and site-specific differential diagnoses: imaging findings with emphasis on ultrasound assessment. J Ultrasound. 2020 Feb 12. doi: 10.1007/s40477-020-00433-2. [Epub ahead of print].

-Giovagnorio F, Andreoli C, De Cicco ML (1999) Color Doppler sonography of focal lesions of the skin and subcutaneous tissue. J Ultrasound Med 18(2):89-93.

3)Have you used a gel-pad to optimize the US resolution? Have you thought about using it? Please, specify it. Even if you did not use the gel pad, I would like that you discuss and cite the following article in order to promote its use in clinical practice, given the results which it can offer in the evaluation of superficial lesions.

-Corvino A, Sandomenico F, Corvino F, Campanino MR, Verde F, Giurazza F, Tafuri D, Catalano O. Utility of a gel stand-off pad in the detection of Doppler signal on focal nodular lesions of the skin. J Ultrasound. 2020 Mar;23(1):45-53. doi: 10.1007/s40477-019-00376-3. Epub 2019 Mar 29.

4)I believe that the choice to integrate the US examination with CEUS is excellent. You will find a wide description of CEUS findings of active bleeding and pseudoaneurysm, which you must discuss, in the following article:

-Corvino A, Sandomenico F, Setola SV, Corvino F, Pinto F, Catalano O. Added value of contrast-enhanced ultrasound (CEUS) with Sonovue® in the diagnosis of inferior epigastric artery pseudoaneurysm: report of a case and review of literature. J Ultrasound. 2019 Jul 20. doi: 10.1007/s40477-019-00398-x. [Epub ahead of print]

Figures: good.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 54783

**Title:** Diagnosis of an actively bleeding brachial artery hematoma by Contrast-Enhanced ultrasound

**Reviewer's code:** 00289467

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Chief Doctor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-05-02

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-05-05 10:14

**Reviewer performed review:** 2020-05-06 10:34

**Review time:** 1 Day

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

#### **SPECIFIC COMMENTS TO AUTHORS**

This is an interesting and well written report focusing on the usefulness of CEUS in diagnosing active bleeding. However, there are in literature some prior reports on this topic (for instance, Di Vece et al J Med Ultrason 2018; Tombesi P et al J Med Ultrason 2014; Tombesi P et al Ultraschall Med. 2012). I think the Authors should broaden the Discussion on the basis of these prior reports.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 54783

**Title:** Diagnosis of an actively bleeding brachial artery hematoma by Contrast-Enhanced ultrasound

**Reviewer's code:** 03473431

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Director, Chief Doctor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-05-02

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-05-03 11:10

**Reviewer performed review:** 2020-05-09 18:31

**Review time:** 6 Days and 7 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No





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#### **SPECIFIC COMMENTS TO AUTHORS**

This case is interesting and well documented: Introduction and discussion sections need to adding some references : in particular, the last two phrases of introduction sections regarding "Contrast-enhanced ultrasound (CEUS) enables the depiction of microvascularization and has the potential to replace CECT in assessment for active bleeding. Moreover, it has been reported to enable the detection of perfusion changes and active extravasation, and the bleeding can be seen as pooling of contrast medium within the hematoma" need references of the literature. Moreover ,In the discussion section , authors should discuss their case according to data of current literature

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 54783

**Title:** Diagnosis of an actively bleeding brachial artery hematoma by Contrast-Enhanced ultrasound

**Reviewer's code:** 03537202

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-05-02

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-07-07 13:01

**Reviewer performed review:** 2020-07-07 13:05

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

STATUS: ACCETTABLE FOR PUBBLICATION    The work is interesting and the paper is very well-written. The authors fully addressed all issues in the revised version of manuscript. Now, the work is complete in all its parts and more accessible to a greater number of readers. I consider myself moderately satisfied.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

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**Professional title:** Associate Professor, Professor, Surgeon

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-05-02

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-07-07 18:36

**Reviewer performed review:** 2020-07-07 18:38

**Review time:** 1 Hour

<b>Scientific quality</b>	[ <input checked="" type="radio"/> ] Grade A: Excellent [ <input type="radio"/> ] Grade B: Very good [ <input type="radio"/> ] Grade C: Good [ <input type="radio"/> ] Grade D: Fair [ <input type="radio"/> ] Grade E: Do not publish
<b>Language quality</b>	[ <input checked="" type="radio"/> ] Grade A: Priority publishing [ <input type="radio"/> ] Grade B: Minor language polishing [ <input type="radio"/> ] Grade C: A great deal of language polishing [ <input type="radio"/> ] Grade D: Rejection
<b>Conclusion</b>	[ <input checked="" type="radio"/> ] Accept (High priority) [ <input type="radio"/> ] Accept (General priority) [ <input type="radio"/> ] Minor revision [ <input type="radio"/> ] Major revision [ <input type="radio"/> ] Rejection
<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No

## SPECIFIC COMMENTS TO AUTHORS



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accept

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 54783

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**Reviewer's code:** 00289467

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Chief Doctor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-05-02

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**Reviewer accepted review:** 2020-07-08 10:07

**Reviewer performed review:** 2020-07-08 10:54

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

The Authors made the requested changes. In my opinion, the manuscript can be accepted for publication