

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Radiology

**Manuscript NO:** 55551

**Title:** Role for contrast-enhanced ultrasound in assessing complications after kidney transplant

**Reviewer's code:** 04481741

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2020-03-28

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-03-28 11:05

**Reviewer performed review:** 2020-03-29 11:57

**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 Grade E: Do not publish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 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 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 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**

The author illustrated that contrast-enhanced US (CEUS) has been advocated as a safe and fast tool to improve the accuracy of US which is the first line diagnostic tool post-KT. This manuscript focusing on the ability of CUES in diagnosis of KT complications. The English expression and the Figures are good. There are some limitations: Major weakness: 1. The text is too tedious, which need to be shortened and refined. ie sections of CEUS technique and examination technique could be omitted, and sections of advantage and disadvantages of CEUS and post-transplant anatomy should be refined. 2. The advantage and disadvantage parts are not well addressed. Advantage and disadvantage of CEUS in the diagnosis of KT complications should be added. 3. Most of references the author cited were published in the past decade, more and more references published recently could be used in this review. Minor weakness: 1 .The author said "In the setting of TRAT, CEUS is expected to provide a better representation of the presence and extent of renal infarction than grayscale US and Color Doppler US." Actually, in the Figure 3, the Color Doppler US already showed the evidence of renal infarction. Why author use the word "better" here? 2. The reference 5 and 56 are same, which should be revised.

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Radiology

**Manuscript NO:** 55551

**Title:** Role for contrast-enhanced ultrasound in assessing complications after kidney transplant

**Reviewer's code:** 03656577

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Chief Doctor, Professor

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

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

**Manuscript submission date:** 2020-03-28

**Reviewer chosen by:** Ruo-Yu Ma (Quit in 2020)

**Reviewer accepted review:** 2020-04-07 03:19

**Reviewer performed review:** 2020-04-16 06:06

**Review time:** 9 Days and 2 Hours

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input 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
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<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 a a good review manuscript to introduce the CEUS in evaluating complications of KT patients. The diagnosis of post-KT complications is really important, in this MS, authors summarized the advantages and disadvantages of CEUS in dealing with KT complications, which provided many helps to surgeons to treat with patients.