

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Cardiology*

**Manuscript NO:** 65907

**Title:** Chronic total occlusion revascularization: A complex piece to "complete" the puzzle

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 04094127

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Chief Physician, Full Professor

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

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

**Manuscript submission date:** 2021-03-17

**Reviewer chosen by:** Man Liu

**Reviewer accepted review:** 2021-03-19 02:19

**Reviewer performed review:** 2021-03-30 13:03

**Review time:** 11 Days and 10 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 Grade E: Do not publish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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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**Peer-reviewer  
statements**

Peer-Review: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

## **SPECIFIC COMMENTS TO AUTHORS**

Although treatment of coronary chronic total occlusion (CTO) with percutaneous coronary intervention (PCI) has rapidly increased during the past decades, it is hard to say the clinical benefit of CTO in patients without clinical symptoms. As a technology, the application of contemporary strategies may obtain a state-of-the-art revascularization by PCI to achieve long-time clinical benefit in patients with angina pectoris.

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**Reviewer's code:** 02446694

**Position:** Editorial Board

**Academic degree:** FACC, FACP, FAHA, FESC, MD, PhD

**Professional title:** Director

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

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

**Manuscript submission date:** 2021-03-17

**Reviewer chosen by:** Man Liu

**Reviewer accepted review:** 2021-05-17 18:49

**Reviewer performed review:** 2021-05-24 20:26

**Review time:** 7 Days and 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 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



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

The authors reviewed the present status and effect of percutaneous coronary intervention (PCI) for chronic total occlusion (CTO) . This review seems to be well-written. As a reviewer, I have some comments as bellow. #1 There were some lack of putting adequate references. The authors should revise them appropriately and carefully. For example P3L10. The authors showed the real percentage of CTO-PCI among PCI procedures. At this point, any reference should be needed. P8L12, P9L6-7, P10L24, et al. There might be others. #2 The authors had better show the scores for the evaluation of CTO in another table to make the readers understand them more comprehensively.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** *World Journal of Cardiology*

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**Peer-review model:** Single blind

**Reviewer's code:** 02446694

**Position:** Editorial Board

**Academic degree:** FACC, FACP, FAHA, FESC, MD, PhD

**Professional title:** Director

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

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

**Manuscript submission date:** 2021-03-17

**Reviewer chosen by:** Han Zhang (Online Science Editor)

**Reviewer accepted review:** 2021-09-18 06:39

**Reviewer performed review:** 2021-09-18 11:41

**Review time:** 5 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [ ] Yes [Y] No

## SPECIFIC COMMENTS TO AUTHORS

I have further comments regarding the revised manuscript.