

ANSWER TO REVIEWERS

Reviewer's code: 00227341

Reviewer's country: Italy

SPECIFIC COMMENTS TO AUTHORS

The Authors present a review on myocardial infarction with nonobstructive coronary arteries (MINOCA). MINOCA may be the result of various aetiologies including coronary plaque disruption, spasm, thromboembolism, dissection or microvascular dysfunction and others. MINOCA is thus a heterogeneous disease state. The importance of MINOCA has recently been emphasized in literature. I would like to underline some aspects that need clarification in the text: 1. page numbering is missing 2. there are numerous typos 3. please clarify " Ouldzeinet al performed IVUS after MI without significant angiographic stenosis, divided patients in two subgroups according to plaque rupture; patient subset with plaque rupture in MINOCA was associated with voluminous plaques, greater plaque burden and positive arterial remodelling. ", the phrase is unclear 4. please specify which may be the major events in case of a positive provocative tests in the paragraph "coronary artery spasm" 5. please specify the long term prognosis of the takotsubo cardiomyopathy

ANSWER TO REVIEWER -00227341

Thanks for your kind word

The clarifications are answered through the final text

Page numeration was include

Typos were eliminated and language was improved by an editing company for Non-Native Speakers of English in this final version

Observations number 3, 4 and 5 were answered appropriately and highlighted in the edited text

Reviewer's code: 03354097

Reviewer's country: China

SPECIFIC COMMENTS TO AUTHORS

This reviewer has read the manuscript written by Rafael Vidal-Perez et al with interest. The paper summarized the characteristics, presentation, pathophysiology, management, treatment and prognosis in MI patients with nonobstructive coronary arteries (MINOCA). Although the topic of the review is of interest and clinical implication is significant. several issues should be revised before the acceptance: 1) Authors should give a presentation more details in the section of MINOCA prognosis due to the importance and new publications recently; 2) a mechanism drawing concerning MINOCA is strongly recommended for this paper by this reviewer; 3) A section of MINOCA therapy is highly advised by this reviewer.

ANSWER TO REVIEWER -03354097

Thanks for your kind review

- 1) More details about prognosis were added
- 2) Mechanismo drawing is included as figure 1
- 3) A section about therapy was included

Reviewer's code: 02636166

Reviewer's country: Taiwan

SPECIFIC COMMENTS TO AUTHORS

Dear Editor: The review for the specific type of STEMI, MINOCA is well written. It is better to provide the images to demonstrate some subtypes of MINOCA such as Takotsubo syndrome, coronary spasm, coronary dissection, and etc. Many words are not separated as attached doc. Please checked the typos and grammar errors carefully.

ANSWER TO REVIEWER -02636166

Thanks for your kind review

Many of the words were reviewed by an editing company for Non-Native Speakers of English in this final version

A summary figure was included