

Response to reviewers' comments

Manuscript ID: WJR 82138

Thank you for your comments. We have revised the manuscript in response to the company editor-in-chief, science editor, and reviewer's comments. Red indicates parts that we modified in response to Reviewer #2.

We appreciate your review and hope that you will find our revised manuscript acceptable.

Response to company editor-in-chief

Manuscript ID: WJR 82138

1. Please prepare and arrange the figures using PowerPoint.

R: According to the company editor-in-chief's instructions, we prepared all figures using MS PowerPoint in the revised files.

2. Authors are required to provide standard three-line tables.

R: According to the company editor-in-chief's instructions, we made three-line tables.

Response to reviewer#2 Manuscript ID: WJR 82138

1. In fig 6 the author illustrates the role of CCT in diagnosis of coronary disease. Author should briefly comment on the value and accuracy of CCT compared to coronary CT angiogram.

R: As the reviewer suggested, we added a comment as follows in the revised manuscript. We also added a corresponding reference article (Knuuti et al, Eur Heart J 2018;39:3322-3330) as reference number 6.

Page 5, Line 5 (revised manuscript)

...reconstruction with the heart's position in the chest. The diagnostic accuracy of CCT compared with invasive coronary angiography has been evaluated in multiple trials. A meta-analysis across nine studies identified 97% sensitivity with 78% specificity for detecting >50% stenosis[6]. In addition to stenosis location and severity, CCT can

simultaneously evaluate plaque characteristics and the plaque burden of the coronary artery (Table 1). With its high spatial resolution...

2. Since the article refers to congenital, valvular and atherosclerotic heart disease, author should produce a table and briefly outline value of CCT in investigations of these conditions.

R: As the reviewer suggested, we made a new table as Table 1, which briefly outlines the value of CCT in coronary artery disease, valvular heart disease, and congenital heart disease.