

19th September 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 12812-edited.docx)

Title: The role of coronary physiology in the contemporary management of coronary artery disease

Author: Neil Ruparelia, Rajesh K Kharbanda

Name of Journal: *World Journal of Clinical Cases*

ESPS Manuscript NO: 12812

The manuscript has been reviewed according to the suggestions of the two reviewers and the editor.

1. The manuscript has generally been revised and re-checked using CrossRef to ensure that there are no similarities between this manuscript and any other single manuscript (<200 words, <5%) with no similarity more than 1% with any other published work. These changes have been highlighted by using the 'track changes' function on the edited document.
2. A list of abbreviations has been added as suggested
3. The headings font has been reformatted as advised
4. Revisions have been made as suggested by reviewer 00735706 (highlighted in text):
 - a. We agree with the reviewer that limitations of the technique are an important consideration and a new section has been included to reflect these. This section includes cost as a consideration and the consequence of uptake. We are currently not aware of any data illustrating uptake in different parts of the world and therefore have not been able to include this in the manuscript
 - b. We agree that these techniques are integral to current interventional cardiology practice and have highlighted the fact that this is now represented by current training curricula in this subspecialty of cardiology
 - c. We agree with the reviewer that a figure would be helpful to the readership and a figure has been added demonstrating a clinical case using FFR
 - d. A table has been included outlining the advantages and disadvantages of FFR, CFR and IMR

5. Revisions have been made as suggested by reviewer 02446694 (highlighted in text)
 - a. Whilst IMR has a less well defined 'normal' value – we have included a 'cut-off' value for IMR as suggested by the reviewer
 - b. We agree with the reviewer that a figure would be helpful to the readership and a figure has been added demonstrating a clinical case using FFR
 - c. A table has been included outlining the advantages and disadvantages of FFR, CFR and IMR
6. References typesetting were corrected with the inclusion of PMID and DOI (when available)

Thank you again for publishing our manuscript in the *World Journal of Clinical Cases*.

We look forward to hearing from you,

Yours Sincerely,

Dr Neil Ruparelia
Dr Rajesh K Kharbanda

Oxford Heart Centre
John Radcliffe Hospital
Oxford, UK.