Author's response to reviews

Title: Magnetic Resonance Myocardial Perfusion Imaging in the Diagnosis of Functionally Significant Obstructive Coronary Artery Disease. A Systematic Review Protocol

Authors:

Rebabonye B Pharithi Dr (rpharithi@gmail.com)
Martinus Meela Dr (mathinase@gmail.com)
Thomas Kropmans Dr (thomas.kropmans@nuigalway.ie)
Frank Ward Dr (fward79@hotmail.com)
Michael Conway Dr (michael.conway@hse.ie)
Michael Newell Dr (michael.newell@nuigalway.ie)

Version: 8
Date: 18 March 2014

Author's response to reviews: see over
To the editor of Systematic reviews Journal

Thank you for reviewing our paper entitled “Magnetic Resonance Myocardial Perfusion Imaging in the Diagnosis of Functionally Significant Obstructive Coronary Artery Disease. A systematic review protocol”

Regarding the recommendations from the reviewer Mark Rogers we have made specific changes.

Major

Amendment to PROSPERO protocol

1. We have changed from using MetadiSc software to STATA 13. Our decision to change from MetaDisc software was based on its limitations to in performing bivariate random effects model analysis in comparison to STATA 13 (the xtmelogit command) which has capabilities.

2. We have also added SCOPUS and Google Scholar databases as to avoid missing or omitting relevant articles and broaden our search strategy

3. We have decided to use bivariate random effects model (BREM) rather than random effects model because BREM preserves the two-dimensional nature of the original data and it also allows the estimation of between study variation in sensitivity and specificity separately in addition to the degree of correlation between the two.

Minor

1 typographyical

We have made more thorough proof-reading of the paper