Author's response to reviews

Title: A Case of Cerebral Misery Perfusion Diagnosed Using Hypercapnic BOLD-contrast fMRI

Authors:

Adam L Gordon (adam.gordon@nottingham.ac.uk)
Stephen Goode (msxsg@nottingham.ac.uk)
Olympio D'Souza (olympiodsouza@yahoo.com)
Dorothee Auer (dorothee.auer@nottingham.ac.uk)
Sunil K Munshi (sunil.munshi@nuh.nhs.uk)

Version: 4 Date: 17 August 2009

Author's response to reviews: see over
Dear Editor,

Re.: JMCR article MS: 1898918655247708 - A Case of Cerebral Misery Perfusion Diagnosed Using Hypercapnic BOLD-contrast fMRI

We thank you for your opportunity to make final amendments to this article. In our previous letter we addressed each of the peer-reviewers’ concerns in detail. We accept, however, your ongoing concerns about the title of the article.

We have therefore made the following amendments:

1. The title of the article has been changed to:

   A Case of Cerebral Misery Perfusion Diagnosed Using Hypercapnic BOLD-contrast fMRI

2. The reference to epilepsy has been removed from the introductory paragraph and moved to the discussion, where it is discussed as a putative aetiology for the patient’s recurrent collapses.

3. The order of the introduction has been changed to allow for the removal of epilepsy as a central focus of the article – no significant augmentations or subtractions have been made.

4. The order of the discussion has been modified to place emphasis on the imaging, with discussion of possible mechanisms for recurrent collapse following on from this.
5. The conclusion has been modified to focus on the implication of the hypercapnic BOLD-contrast fMRI as a promising imaging modality for the diagnosis of misery perfusion.

6. The abstract has been modified to reflect the above changes.

We believe that these amendments address Professor Baron’s concerns by placing BOLD-contrast fMRI at the centre of the article and emphasising the speculative nature of the proposed association between post-stroke epilepsy and misery perfusion.

We hope that you will now accept the article for publication.

Yours faithfully,

Dr Adam Gordon,
Dr Stephen Goode,
Dr Olympio D’Souza
Prof Dorothee Auer
Dr Sunil Munshi.