Reviewer’s report

Title: Arthroscopy or ultrasound in undergraduate anatomy education: a randomised cross-over controlled trial.

Version: 2 Date: 2 July 2012

Reviewer: N Eizenberg

Reviewer’s report:

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1. The title is accurate and the abstract is complete.
2. The work is scientifically sound with appropriate methods.
3. It is presented clearly and concisely.
4. The discussion concisely summarizes the new findings, addresses possible problems with the methods, reviews the appropriate literature, and states the relevance of the new educational interventions.
5. The references are appropriate and complete.
6. There is no need for the manuscript to be shortened.

- Major Compulsory Revisions

There is no need for any of these. The manuscript is sound and in my opinion should be published as is. Specifically, there is no need for additional necessary experiments or controls and I did not detect any statistical mistakes or errors in interpretation.

- Minor Essential Revisions

There is also no need for any of these. The manuscript was well written and carefully presented. I did not find any missing labels on figures, the wrong use of a term or spelling mistakes.

- Discretionary Revisions

I do not have any recommendations for improvement as the manuscript is both clear and concise with sufficient data.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.
Declaration of competing interests:

In the context of peer review, I do not believe that my interpretation of data or presentation of information is influenced by my personal or financial relationship with other people or organizations.

However, I am the project leader of Anatomedia (see www.anatomedia.com) an interactive, self-directed multimedia Anatomy program from all perspectives of viewing (with associated interpretation of) the human body, including radiological imaging (with CT, MRI & ultrasound), endoscopy (with arthroscopy) as well as dissection. Some of these modalities are studied in this paper but I believe the educational context of them has not been a competing interest to giving a fair review of it.

Hence, 'I declare that I have no competing interests' subject to the details I have provided above.