Reviewer's report

Title: Incidental discovery of circle contact lens by MRI: You can't scan my poker face, circle contact lens as a potential MRI hazard

Version: 2 Date: 31 January 2013

Reviewer: James M Pope

Reviewer's report:

This study reports the observation of image artefacts due to circle contact lenses in MRI. The report suffers from several obvious deficiencies. Like the only other report on the effects of circle contact lenses in MRI, no attempt was made to measure or detect a temperature change due to RF deposition in the lenses when they were imaged in vitro.

Minor essential revisions:

The resolution of the clinical scanner used to image the contact lenses in vitro (0.86mm in plane, 3mm slice) was also comparable to or larger than the thickness of the lenses, so that the images in figure 2 show the extent of the susceptibility artefacts rather than the lenses themselves. This should be made clear in the text and the dimensions of the contact lenses provided.

The types of pulse sequences employed for imaging are given in the captions to the figures, but should also be included in the text under 'MR imaging protocol'.

The English is adequate, but could be improved in a few places, notably 'lens' should be replaced by the plural 'lenses' in several places, notably in the last line of the Abstract, and in the last paragraph of the Background section (twice).

Also on P6 in line 7 'have' should be replaced with 'has' and in line 9 'of' should be deleted.

Overall, while the article is of limited interest, it is probably worthy of publication in BMC Medical Imaging subject to the revisions outlined above.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

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

Declaration of competing interests:

I declare that I have no competing interests