Reviewer’s report

Title: Contribution of diffusion-weighted imaging to conventional MRI for detection of haemorrhagic infarction in ovary torsion

Version: 2 Date: 02 Jul 2017

Reviewer: Ankur Goyal

Reviewer’s report:

I. 'All the patients performed oophorectomy (n= 12) had pathological findings of haemorrhagic necrosis.' IN DISCUSSION SECTION. PLEASE REPHRASE

THE AUTHORS HAVE ADEQUATELY RESPONDED TO MOST OF THE COMMENTS EXCEPT ONE:

The authors state: Haemorrhagic infarction was found in 15 (51.7%) and nonhaemorrhagic infarction in 14 (48.2%) of the 29 patients, and in 17 patients (14 with nonhaemorrhagic infarction and three with haemorrhagic infarction; 58.6%), the torsedovary was able to be salvaged in a viable state. So the clinically relevant question is ischemic vs infarcted ovary? can the authors rework the analysis to see how DWI parameters helped in this distinction?

ANSWER: I reworked the analysis and added new findings to result and discussion sections.

i COULD NOT FIND THIS DISTINCTION BETWEEN SALVAGEABLE AND NON-SALVAGEABLE OVARIES

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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