Reviewer's report

Title: Significance of CT scan and color Doppler duplex ultrasound in the assessment of Abernethy malformation

Version: 2
Date: 12 June 2015

Reviewer: Shadrokh Samavi

Reviewer's report:

1- The work is a useful diagnosis method for Abernethy malformation.
2- The joint use of CT scan and color Doppler duplex ultrasound is not justified.
3- The degree of effect of ultrasound images is not shown.
4- The method is completely subjective. A discussion is required for the future of the method and steps that will make this an objective method.
5- If some image processing methods were to be used on the CT images then an ROC (Receiver Operating characteristic) curve could have been used to show the accuracy and precision of the subjective method.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

'I declare that I have no competing interests