Reviewer’s report

Title: Posttraumatic venous gas in the liver - a case report and review of the current literature

Version: 0 Date: 02 Nov 2017

Reviewer: Timothy Hardcastle

Reviewer’s report:

Dear Dr Fahrner and colleagues

Thank you for submitting this case report of an interesting, yet to date, uncommon finding of hepatic venous gas after blunt abdominal trauma. You postulate that the source was via the femoral catheter placement.

The presentation is logical and the images enhance the presentation. The main issue I have is the English grammar that requires extensive copy-editing. The other issue is limited TRAUMA references - given there are other case reports on the this and similar topics. I refer the authors to Mayet M, Hardcastle TC, Muckart DJ. Benign portal venous gas after blunt abdominal trauma. Injury Extra 2011; 42: 189-191. doi:10.1016/ j.injury.2011.06.422 and suggest they review the references there for a wider overview.

Finally some additional explanation of how the ultrasound findings are interpreted is important as "gas" is not usually visualised easily on a sonar.

Thanks for the submission and the opportunity to review the case report.

Please see the edited file to assist you with the grammar corrections.

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.

Not relevant to this manuscript

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

Not suitable for publication unless extensively edited

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

'I declare that I have no competing interests'

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal