Reviewer’s report

Title: Systemic reaction to and interference with urine protein measurements after intravenous fluorescein injection

Version: 0 Date: 28 Apr 2019

Reviewer: Michael A. Klufas

Reviewer's report:

Title - would change to "Systemic reaction and interference with urine protein measurement after intravenous fluorescein injection"

Abstract - case presentation - should be "peripapillary" rather than "parapapillary"

Anaphylaxis is a known complication of fluorescein injection but I agree should have appropriate supportive measures including oxygen and EpiPen available in case of anaphylaxis to prevent morbidity/mortality from this test

Key words: would include 'urinalysis'

Background

line 4 - can consider 'vasculature' rather than 'vessels'

line 5 - can remove 'subretinal'

line 8-9 - should include the incidence of the different side effects, i.e. nausea and vomiting are much more common than anaphylaxis

Case description

line 16 should be 'peripapillary neovascularization'

I would include if there was evidence of retinal hemorrhage or exudation on SD-OCT for this case - if either of those were present then the FA was likely not necessary but not unreasonable to perform.

Likewise authors should state the dose/volume of fluorescein dye that was injected in this case

Should also state that epinephrine was or was not administered given anaphylaxis that seemed to improve with oxygen and intravenous fluids
Discussion

Lines 8-13, I would include the preferred treatment for anaphylaxis after fluroscein injection - in this case, intravenous fluids and oxygen were sufficient, but many times subcutaneous or intramuscular epinephrine is needed. In the USA, EpiPen is mandatory in clinics where fluorescein angiography is performed

Final concluding paragraphs, authors should state that patients should be properly consented to understand the risks of fluorescein angiography, the clinical need for this test and the potential treatments are available in the clinic in the cases of adverse reactions.

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.

Unable to assess

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:

Needs some language corrections before being published
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