Reviewer's report

Title: Bilateral dilatation of the urinary tract due to iliopsoas pyomyositis: a case report

Version: 1 Date: 2 November 2010

Reviewer: Philip Alexander

Which of the following best describes what type of case report this is?: New associations or variations in disease processes

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: No

Is the case report persuasive?: No

Does the case report have explanatory value?: No

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: No

Is the anonymity of the patient protected?: No

Comments to authors:

REVIEW OF Bilateral dilatation of the urinary tract due to iliopsoas pyomyositis: a case report

Comments;

1. Under Case report the sentence “The patient did not present aggravation of the renal function and was treated successfully with intravenous antibiotics solely, without surgical intervention.” needs to be changed to: the renal function of the patient did not deteriorate and this patient was treated successfully non surgically with intravenous antibiotics.”

2. Under Introduction: line 4: change “lack any relevant underlying disease” to
“do not have associated aetiological causes”

3. Change “In iliopsoas myositis, the source of infection is usually an adjacent structure” to “The source of infection in iliopsoas myositis is usually from an adjacent structure”

4. Under Case report: explain acronym IVDU for the first time. Subsequent acronyms can be used.

5. Under discussion: change
“Our patient, even though was classified as stage two pyomyositis, was treated successfully with antibiotics solely, without the necessity of surgical intervention.” to
“Our patient with stage two pyomyositis was treated successfully with intravenous antibiotics and without the necessity of surgical intervention”

6. Under discussion, change;
Furthermore she progressively developed asymptomatic bilateral dilatation of the urinary tract which was not accompanied by aggravation of the renal function

to
“She went on to develop asymptomatic bilateral dilatation of the urinary tract without a recordable deterioration of her renal function.

7. Comment on the presumption of the displacement of the urinary bladder causing a right hydronephrosis seems far fetched and unsupported by evidence.

8. The intravenous urogram does not show that the calyces are full or clubbed and therefore the presumption that this is an obstructive hydronephrosis is not supported. This may just be the consequence of sepsis which will explain all the findings presented. There is no doubt that there was pyomyositis, but that this pyomyositis was the cause of a bilateral hydronephrosis is not tenable by the evidence presented, nor is it ever recorded in literature to date, which is a point that the authors correctly make.

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

Declaration of competing interests:

I declare that I have no competing interests