Author's response to reviews

Title: Spontaneous combined rupture of a pelvicalyceal cyst into the collector system and retroperitoneal space during the acquisition of computed tomography scan images: a case presentation

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Author's response to reviews: see over
Dear Journal of Medical Case Reports Editorial Team:

Thank you for the review of our manuscript entitled “Spontaneous combined rupture of a pelvicalyceal cyst into the collector system and retroperitoneal space during the acquisition of computed tomography scan images: a case report”

We have addressed the Reviewers and Editorial Team request accordingly. The modifications are listed below.

Sincerely,
Diogo Marques

1- Reviewer: Konstantinos Michalakis

“The presentation is adequate and complete.
Although not surprising and extremely helpful to the management and / or diagnosis of a new entity, the paper is strict and clearly presents the possible complication of such a cyst.
The image is the main interesting thing, that is why i would suggest that the text is slightly limited, because many things are repeated in order to from a more detailed text, which at the end is not that useful.
The main point is the image and the alertness a physician should have in order to avoid such a complication.

Question: Did the patient develop hydronephrosis because of the cyst before the rupture?”

- The development of hydronephrosis because of the cyst enlargement before the rupture is a hypothesis, since the cyst increased 2 cm (20%) in 4 months. This fact might have collaborated for the final outcome and it is mentioned on the discussion topic:

“3. The enlargement of the pelvicalyceal cyst may cause progressive compression in the collector system and consequently high pressures. “

- Considering the suggestion of limiting the text, we made the following changes in the manuscript:

Page 5, Discusion, Par. 1

“This case presents time-related changes of a rare pelvicalyceal cyst complication, which has never been so fortunately documented. Dynamic-phase CT played a crucial role for this patient because the rupture was only diagnosed on the delayed phase. Although the left ureteral stone might have concurred for the rupture, it could not explain the clinical symptoms. Analysis of the sequential images and comparison with the prior scan allowed us to better understand the physiopathologic process of the rupture, raising the three cited hypothesis for its etiopathogenesis.”

2- Reviewer: Konstantinos Tepetes

No further changes indicated. Thank you for your comments.

3- The Journal of Medical Case Reports Editorial Team

“In addition to the reviewers comments, please also address the following formatting changes required for your paper:
1. Please include the ethnicity of the patient in the abstract
2. Please include the ethnicity of the patient in the case presentation section of the manuscript.
3. Please replace the header “Case report” with “Case presentation”

We made the following changes in the manuscript:

Title:

“Spontaneous combined rupture of a pelvicalyceal cyst into the collector system and retroperitoneal space during the acquisition of computed tomography scan images: a case presentation”

Page 2, Abstract topic, Case report subtopic, Par. 2

“The patient was a caucasian male, 78 years-old with a previous history of renal stones and a large pelvicalyceal renal cyst admitted at emergency department with acute right flank pain.”

Page 4, Case Report topic, Par. 1

“A 78 years-old caucasian male patient with acute flank pain on the right side and history of bilateral renal stones was referred to our emergency department.”