Author's response to reviews

Title: Clinical considerations, management and treatment of fever of unknown origin caused by urachal cyst: a case report

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Reviewer's report

Reviewer: Chiarenza Fabio Salvatore

1. Abstract
“is not reported in literature a high rate of complication regarding elective laparoscopic excision of urachal cyst in pediatric age”

We agree with the reviewer. In the abstract we wrote that there is the possibility of “potential” complications after a total excision of the urachal cyst without arguing about the rate.

2. Introduction
“better MRI when possible”.

We have now included MRI in the Introduction section as the reviewer indicates.

3. Case presentation
a. “Did she had urinary tests and uroculture”?

We have now included the sentence “Urinary tests and urine culture were negative” in the Case Presentation section as the reviewer indicates.

b. “Did she has skin over the lesion inflamed”?

We have now included the sentence “Physical examination showed painful palpation of the hypogastria and no inflamed lesion on the skin’s surface” in the Case Presentation section as the reviewer indicates.
b. “describe reports of the cyst with the bladder”

We have now included the sentence “A repeat ultrasound evaluation of the abdominal wall revealed abscess formation without any communication with the bladder. In absence of any umbilicus discharge, we suspected an infected urachal cyst” in the Case Presentation section, as the reviewer indicates.

c. “how long was? and at what month after operation”

We have now included the sentence “during the follow-up, echographic studies, performed after 3 and 6 months, showed a gradual reabsorption of the cyst which was completely resorbed after 12 months” in the Case Presentation section, as the reviewer indicates.

4. Discussion

a. “the specimen was not complete, you can not be sure of the complete excision of the remnants !! reformulates”

We have now reformulated the statement as the reviewer indicates and we have now included the sentence “Histological examination demonstrated that there was not any mucosa and it did not reveal any sign of malignancy. Even though this histological study regarded only a part of the cyst, we suppose that probably the purulent inflammation destroyed the mucosa lining the cavity of the cyst, thus excluding the possibility of a neoplastic degeneration” in the Discussion section.

b. “this is your opinion”

We have now clarified that what we wrote is only our opinion.

c. “In this case the laparoscopic approach is debatable; with a clear diagnosis of urachal cyst, as described, the authors could have performed a safer transcutaneous approach. Laparoscopic approach exposed the girl to peritonitis and potential bowel adhesions”.

We have not make any change. We agree with the reviewer that a laparoscopic approach exposed the girl to peritonitis and potential bowel adhesions but we have a large experience in laparoscopy and in this case we preferred a laparoscopic approach rather than a transcutaneous one. Moreover, the laparoscopic approach avoided aesthetic damages.

d. “debatable sentence”

We reformulated the sentence adding that this is our opinion.

e. “With a single case is not possible to draw conclusions”

We have now clarified that, certainly, we can not draw conclusions with a single case.

Sincerely,
Vincenzo Bagnara