Reviewer’s report

Title: A mixed-type of an intraductal papillary mucinous neoplasm of the pancreas with a histologic combination of gastric and pancreatobiliary subtypes in a 70-year-old female: a case report.

Version: 0 Date: 29 May 2020

Reviewer: Teodora Alexa - Stratulat

Reviewer's report:

1. Do you believe the case report is authentic?
Yes

2. Do you have any ethical concerns? Please consider if local Institutional Review Board approval or ethical approval was obtained (if appropriate) and if the patient (or their parent or guardian in the case of children under 18) gave written, informed consent to publish this case and any accompanying images. A statement to this effect should appear in the manuscript. I have no ethical concerns

3. Does the Introduction explain the relevance of the case to the medical literature?
Yes

4. Does the article report the following information? Where information is missing, please specify.
   a. The relevant patient information, including:
      - De-identified demographic information (age, gender, ethnicity)
      - Main symptoms of the patient
      - Medical, family and psychosocial history
      - Relevant past interventions and their outcomes

   b. The relevant physical examination findings

   c. Important dates and times in this case (if appropriate, organized as a timeline via a figure or table); if specific dates could lead to patient identification, consider including time relevant to initial presentation, i.e. initial presentation at T = 0, follow up at T = 1 month.

   d. Diagnostic assessments, including:
      - Diagnostic methods
      - Challenges (e.g., financial, language/cultural)
      - Reasoning and prognostic characteristics (e.g., staging), where applicable

   e. Types and mechanism of intervention
f. A summary of the clinical course of all follow-up visits

YES

5. Is the interpretation (discussion and conclusion) well balanced and supported by the case presented?
YES

6. Is the anonymity of the patient protected? Please consider any identifying information in images such as facial features or nametags, whether the patient is named etc. If not, please detail below.
Yes

7. Is the Abstract representative of the case presented?
YES

8. Does the case represent a useful contribution to the medical literature?
yes

9. Additional comments for the author(s)?
The article "A mixed-type of an intraductal papillary mucinous neoplasm of the pancreas with a histologic combination of gastric and pancreatobiliary subtypes in a 70-year-old female: a rare case report from Syria." by Ismail and colab. presents the case of a 70 year old patient diagnosed with a rare type of pancreatic tumors. The article is interesting and well-written, although I suggest emphasizing the rarity of the diagnosis more.

I have some comments/questions that I will list below:

1. You state in the title that your case report is from Syria. However, I did not find throughout the article any information that makes this specification necessary or useful, except that there were some challenges in the final pathology diagnosis. I suggest removing the geographical indication from the title
2. In the case presentation section, you state that "However, the aforementioned IHC markers are considered general markers of ductal epithelial cells and unfortunately, additional ancillary techniques were not available in our pathology lab." What other markers would you have needed to confirm your diagnosis? How sure are you that the final pathology diagnosis is correct in the absence of the additional ancillary technique?
3. In the case presentation section, you state that "the patient has been in a stable condition since then according to ultrasonographic monitoring." How often did you do follow-up? When was her last
4. Did you perform any type of molecular testing of the tumor?
5. Figure 1 should have a better resolution

Minor comments:
- page 4, rows 7-9 "They compose approximately 1% of all exocrine neoplasms with more frequency to affect old males." - please rephrase
- page 4, rows 10-12 - "These neoplasms are usually asymptomatic but multiple cases present with recurrent episodes of pancreatitis, in addition to diabetes and steatorrhea due to pancreatic insufficiency [2]." - you probably mean that these cases are asymptomatic in early stages, right? please rephrase
- page 4, rows 48-50 "While her family history also included type 2 diabetes mellitus." - please rephrase
- page 5, row 40-41 "While the rest of the pancreatic tissue showed features of chronic pancreatitis." please rephrase
- page 7, row 2 "Magnetic resonance cholangiopancreatography (MRCP)" instead of "Magnetic resonance cholangiopancreatography MRCP"

**Level of interest**
Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

**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:

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Were you mentored through this peer review?

No