Author's response to reviews

Title: Ovarian Germ Cell Tumors with Rhabdomyosarcomatous Components and later development of Growing Teratoma Syndrome. Case report

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Author's response to reviews: see over
Dear Deputy Editor
Thank you very much for reviewing and editing this manuscript.

1. Please do not use any abbreviations in the abstract. Every term should be spelled out. The abbreviations and definitions should be within the main text of the paper.
   - All abbreviations in the abstract were removed.

2. The introduction of the abstract: "The development of sarcomatous component (SC) in germ cell tumor (GCT) is an uncommon phenomenon. Most cases reported had a grim prognosis. Growing teratoma syndrome (GTS) is also uncommon phenomenon and occurs in approximately 2-7% of non seminomatous germ cell tumors (NSGCT) and should be treated surgically."
   Should be: "Development of a sarcomatous component in germ cell tumor is an uncommon phenomenon. Most cases reported have a grim prognosis. Growing teratoma syndrome is also an uncommon phenomenon and occurs in approximately 2-7% of non-seminomatous germ cell tumors and should be treated surgically."
   - All changes required were done (highlighted in the manuscript).

3. In the case presentation section of the abstract: "We are reporting a 12-year-old Asian girl with ovarian mixed germ cell tumor containing a rhabdomyosarcomatous component."
   Should be: "We report a 12-year-old Asian girl with ovarian mixed germ cell tumor containing a rhabdomyosarcomatous component."
   - Correction was done (highlighted)

4. In the conclusion section of the abstract: "presence..." should be "Presence..."
   - The small letter p of the word "presence" was changed to capital letter (highlighted)

5. For the second sentence of the introduction: "Many Histologic types..."
   Should be: "Many histologic types..."
   - Correction was done (highlighted)

6. In the introduction section: "Presence of sarcomas within germ cell tumors were mostly encountered in testicular and mediastinal GCT while its presence in the ovarian GCT was rarely reported."
   Should be:"Presence of sarcomas within germ cell tumors are mostly encountered in testicular and mediastinal GCT, while their presence in ovarian GCT has been rarely reported."
   - All required changes have been made (highlighted)

7. "Meticulous histological examination is very important to determine the type and percentage of SC within GCT as this affect the prognosis."
   Should be:"Meticulous histological examination is very important to determine the type and percentage of SC within GCT as this affects prognosis."
   - The “s” of the third person was added to “affect” and highlighted.

8. "GTS is also a rarely reported phenomenon." please do not start a sentence with an abbreviation.
9. Please use square brackets instead of superscripts to denote references within the text as per JMCR style.
   - Denotation of references were changed according to JMCR style

10. Please define the terms "AFP" and "B-HCG" within the text before using the common abbreviations
   - Definitions of both the above terms were done (highlighted)

11. "Another characteristic finding of the GTS is the appearance of cysts in the growing masses which appears as an increasing size mass."
    Should be: "Another characteristic finding of the GTS is the appearance of cysts within the growing masses which appear as an increase in size mass."
    - All required changes have been made (highlighted)

12. "The patient’s primary tumor histopathology and her response to chemotherapy with development the rare GTS make this patient worth reporting."
    Should be: "The patient’s primary tumor histopathology, her response to chemotherapy, and development of rare GTS make this patient worth reporting."
    - All required changes have been made (highlighted)

13. Within the case presentation section: "A 12-year-old Asian female patient, presented with lower abdominal pain and distension of 2 months duration."
    Should be: "A 12-year-old Asian girl presented with lower abdominal pain and distension of 2 months duration."
    - “Asian female” was replaced by “girl” and highlighted. Also the comma (after female patient) was removed

14. "CT scan showed huge, heterogeneously enhancing pelviabdominal mass with multiple cystic and necrotic areas, originating from the right ovary (Figure 1 A). AFP and B-HCG lab tests were both elevated (2793 ng/ml [normal < 10], and 27361 mIU/ml [normal < 2] subsequently)."
    Please define the term "CT" and do not start the sentence with an abbreviation. So the first sentence should read as follows: Computerized tomography (CT) scan showed a huge, heterogeneously enhancing pelviabdominal mass with multiple cystic and necrotic areas, originating from the right ovary (Figure 1 A). Also as mentioned please define "AFP" and "B-HCG".
    - All changes required were done (highlighted)

15. "No intraoperative spillage was taken place. Histopathology revealed Non-germinomatous..."
    Should be: "No intraoperative spillage was observed. Histopathology revealed non-germinomatous..."
    - All required changes have been done (highlighted)

16. "Six months after presentation and while she is on chemotherapy a right hypochondrial
mass was detected by physical examination."
Should be: "Six months after presentation and while she was on chemotherapy a right hypochondrial mass was detected by physical examination."

- "is" was changed to "was" and highlighted

17. "CT guided biopsy revealed mature teratoma. Later there was 30% increase in the size of the mass."
Should be: "Computerized tomography-guided biopsy revealed a mature teratoma. Later there was a 30% increase in the size of the mass."

- All required changes have been done (highlighted)

18. In the discussion section: "We are describing an ovarian mixed GCT with rhabdomyosarcomatous components and elevated serum AFP and B-HCG in an adolescent girl."
Should be: "We describe an ovarian mixed GCT with rhabdomyosarcomatous components and elevated serum AFP and B-HCG in an adolescent girl."

- "are describing" was changed to "describe" and highlighted

19. "Histologic types of SC reported in the literatures are:"
Should be: "Histologic types of SC reported in the literatures are the following:"

- "the following" was added to the sentence and highlighted

20. "The occurrence of sarcomas within germ cell tumors were mostly encountered in testicular and mediastinal GCT while its presence in the ovarian GCT was rarely reported."
Should be: "The occurrence of sarcomas within germ cell tumors have mostly been encountered in testicular and mediastinal GCT while their presence in ovarian GCT has been rarely reported."

- All required changes have been made (highlighted)

21. "Although the pathogenesis of the development of sarcomatous components in GCTs has not been fully elucidated, origins proposed has included dedifferentiation or malignant transformation of certain mesenchymal components within teratomas; origin from primitive germ cells; or transformation of the blastematous stroma in yolk sac tumor."
Should be: "Although the pathogenesis of the development of sarcomatous components in GCTs has not been fully elucidated, origins proposed have included dedifferentiation or malignant transformation of certain mesenchymal components within teratomas; origin from primitive germ cells; or transformation of the blastematous stroma in yolk sac tumor."

- Please be consistent with the use of the abbreviation "GCT". Sometimes the authors write "GCT" and other times "GCTs".

22. "By reviewing literatures it was clear that most GCT with SC (whether in the primary tumor or in the metastases) have teratoma component as well, which might support the first theory. Noteworthy is the notion that the old terminology of World Health Organization (WHO) classification of the presence of non-germ cell malignancies within germ cell neoplasms was ["teratoma with malignant transformation" or "teratoma with malignant areas"]."
Should be: "Upon review of the literature it is clear that most GCT with SC (whether in the primary tumor or in the metastases) have a teratoma component as well, which might support the first theory. Noteworthy is the notion that the old terminology of the World Health Organization (WHO) classification of the presence of non-germ cell malignancies within germ cell neoplasms was “teratoma with malignant transformation” or “teratoma with malignant areas”.

- All changes required have been made (highlighted)

23. "The pathogenesis of the GTS is still unclear; two mechanisms were considered: either the malignant cell differentiation into mature teratoma (MT); or there is a chemotherapy induced destruction of component other than mature..."
Should be: "The pathogenesis of the GTS is still unclear but two mechanisms were considered: malignant cell differentiation into mature teratoma (MT) or a chemotherapy-induced destruction of the component other than mature..."

- All changes required have been made (highlighted)

24. "Many factors were proposed that might predict subsequent development of a GTS. Such factors include the presence of MT in the primary NSGCT; no reduction in the size of metastases during chemotherapy; and the presence of MT in post chemotherapy residual masses."
Should be: "Many factors have been proposed that might predict subsequent development of a GTS including the following: presence of MT in the primary NSGCT, no reduction in the size of metastases during chemotherapy, and the presence of MT in post chemotherapy residual masses."

- All changes required have been made (highlighted)

25. "This includes transformation into malignant NSGCT, sarcoma, squamous cell carcinoma, adenocarcinoma, carcinoid tumor and primitive neuroectodermal tumor (PNET)."
Should be: "This includes transformation into malignant NSGCT, sarcoma, squamous cell carcinoma, adenocarcinoma, carcinoid tumor and primitive neuroectodermal tumor (PNET)."

- “t” of the word “this” was changed to capital letter “T” and highlighted

26. In the conclusion section: "We are reporting a rare case of ovarian mixed GCT associated with rhabdomyosarcomatous component which was treated successfully using a combined regimen (for GCT and RMS)."
Should be: "We report a rare case of ovarian mixed GCT associated with rhabdomyosarcomatous component which was treated successfully using a combined regimen (for GCT and RMS)."

- “are reporting” was corrected to “report” and highlighted

27. Please have the authors make all of the above-mentioned revisions and highlight them in red font within the text of the manuscript.

- All changes made were highlighted

28. Please have the authors obtain the help of a native English speaker to correct any grammatical errors that I may have missed.
The whole manuscript was reviewed by a native English speaker who found a perfect and well corrected grammar and language (i.e. no further correction was recommended by a native English speaker)

Thank you very much again and best regards