

Peer Review File

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Reviewer Comments

Comment 1: In the abstract, the authors states that “No specific study has been conducted to assess the specific effects of different chemotherapy regimens on SUA”. It was not clear which kind of study the authors referred to, since there are several studies on this subject. The authors should clarify which kind of study they are referred to in the abstract.

Reply 1: Thanks for your reminders. We have changed “No specific study has been conducted to assess the specific effects of different chemotherapy regimens on SUA” to “Currently, Salem and others have demonstrated that cytotoxic chemotherapy medications can increase patients' SUA while also elucidating the mechanism behind it (12). Criscuolo and coworkers have also reached the same conclusion (13). These studies, however, do not focus on a specific type of cancer - breast cancer. As a result, the objective of this research is to explore at the clinicopathological and predictive importance of SUA levels in breast cancer patients who are taking chemotherapy...”

Comment 2: The writing of the introduction must be improved.

Reply 2: We have improved the introduction.

Comment 3: Some references are lacking in critical points of the text:

- a. Line 133: “...closely related to serum uric acid.” (Lacks a reference at the end of the phrase)”.
- b. Line 136: “...coronary heart disease and so on” (Lacks a reference at the end of the phrase)
- c. Line 139: “...It is controversial whether it can promote or inhibit cancer. (Lacks a reference at the end of the phrase)”.
- d. The sentence from line 140 to line 145 is poorly written.
- e. Line 148: “...it will cause excessive uric acid and induce hyperuricemia (Lacks a reference at the end of the phrase)”.

Reply 3:

- a. We have deleted Line 133: “...closely related to serum uric acid”, and rewrite.
- b. We have added references “...coronary heart disease, and other conditions”.
- c. We have deleted Line 133: “...It is controversial whether it can promote or inhibit cancer.”, and rewrite.
- d. We have deleted them and rewrite.
- e. We have added references “...it will cause excessive uric acid and induce hyperuricemia”.

Comment 4: There was no pattern on font usage (Times New Roman in black for the text, Times New Roman in light blue for the figure legends and ARIAL for the references.

Reply 4: We have revised the font style uniformly.

Comment 5: In figure 7 (a and b), the colors of the legend do not match the colors used in the graph (Dark red, light gray and dark gray versus Dark red, light red and light gray).

Reply 5: Figure 7 has been updated with a new color scheme and a legend, as well as being submitted as an attachment.

Comment 6: Line 328: Seems like some text were misplaced "...Xie, et al. (4) Based on the meta-analysis of the cohort study...", please correct. The sentence does not make sense.

Reply 6: We have changed "...Xie, et al. (4) Based on the meta-analysis of the cohort study..." to "High SUA or gout is positively connected to cancer mortality, according to a meta-analysis based on a cohort study that included 24 papers (33 independent investigations)"