

## **Response to the reviewers and the editor:**

Thank you very much for your time and consideration in reviewing our manuscript and providing us with feedback. Kindly consider our responses as follows:

### **Reviewer 1:**

**Comment 1:** The authors reported a patient with acute cholestatic liver injury that occurred after only brief use of kratom with histopathological mimicking of primary biliary cholangitis. The authors provided the complete data and good images. The case was interesting and helpful for understanding kratom induced liver injury.

**Reply 1:** Thank you and we appreciate the positive response about the case report.

### **Reviewer 2:**

**Comment 1:** This is an interesting case report with review on current literature. The ultrasound (Figure 1), biopsy HE (Figure 2), clinical blood biochemistry (Table 1) and symptom description supported this case report; Over 10 literature review (Table 2) further strengthened this case report. This case report is of significance as the use of Kratom products is on rise.

**Reply 1:** Thank you and we appreciate the positive response about the case report.

**Comment 2:** The dose makes a poison. In the Table 2, the amount and duration of Kratom use could be important information to include if it is available.

**Reply 2:** Thank you for this important suggestion. We have added form/dose/duration in the cases where available.

**Comment 3:** In the HE description (line 130-142), It should be Figure 2 not Figure 1.

**Reply 3:** Thank you for pointing out. We have corrected this.

**Comment 4:** Kratom and kratom were used in the report. It would be better using "Kratom" throughout the paper.

**Reply 4:** Thank you for pointing out. We have corrected this throughout the paper.

**Comment 5:** *Mitragyna speciosa* and mitragyna speciosa were used in the report. It would be better using "*Mitragyna speciosa*" (in italic) throughout the paper.

**Reply 5:** Thank you for pointing out. We have made suggested changes.

**Science editor issues identified:**

**Issue 1:** I found the title was more than 20 words. The title should be no more than 20 words

**Reply 1:** Thank you for pointing out. We have addressed this (removed *Mitragyna speciosa*)

**Issue 2:** I found no “Author contribution” section. Please provide the author contributions

**Reply 2:** We have added “Author contribution” section.

**Issue 3:** I found the authors did not provide the original figures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor

**Reply 3:** We have added powerpoint file with original figures and annotations.

**Issue 4:** I found the authors did not add the PMID and DOI in the reference list. Please provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references. Please revise throughout

**Reply 4:** Thank you for pointing out. We have made suggested changes and added where available (for poster abstracts not available)

**Issue 5:** I found the “Case Presentation” did not meet our requirements. Please re-write the “Case Presentation” section, and add “FINAL DIAGNOSIS”, “TREATMENT”, and “OUTCOME AND FOLLOW-UP” section to the main text, according to the Guidelines and Requirements for Manuscript Revision.

**Reply 5:** We have added the sections as advised.