

## **Reply to Reviewers**

### **Reviewer 1:**

Thank you for the comments. Post-operatively on post-operative day 7, T4 was 20.4pmol/L, TSH was 0.005 mIU/L. His thyroid function test subsequently normalized 3 months post-operatively, T4 18.1pmol/L, TSH 1.91mIU/L. I have added these results into the revised manuscript.

### **Reviewer 2:**

Thank you for the comments, grammar and context modification have been performed.

### **Reviewer 3:**

Thank you for the comments. In this case both the perforation and thyroid storm are life-threatening conditions

### **Science Editor:**

Thank you for the comments. Indeed, the diagnosis of thyroid storm is confounded by the concurrent sepsis, the clinical history of weight loss, anxiety and diarrhea prior to presentation and corresponding markedly elevated T4 levels does correspond with the diagnosis and in the context of a patient requiring emergency surgery, the benefit of doubt is given such as in this patient to optimize his thyroid status accordingly. We have added in the discussion that an ulcerectomy with/without pyloroplasty is an option. We have added in the missing references. The ulcer was measured intraoperatively with a sterile ruler. Abbreviations have been annotated as requested. Language editing has been performed. There are no supportive foundations and no acknowledgements. Conflict of Interest disclosure form has been uploaded. All issues raised by peer reviewers have been addressed.