We thank the reviewers for their thoughtful feedback on our study. We have implanted changes based on the comments provided.

Reviewer 1

In response to the comment "Authors need to give more details about the significance of the change and the increase of THR" we have completed Article Highlights sections and in these we provide more information and a clearer summary about the significance of the increase in THA compared to HA

In response to "authors need to give more details… long term follow-up and conversion of HA to THR To make the paper useful to international readers" We have added the following:

We have added to our limitations sections detailing how it is an inherent limitation of the database be utilized that we are unable to capture all cases of THA converted to HA **"…, or conversion of THA to HA was not captured…'**

We have also clarified how unfortunately it is an inherent limitation of the NIS as to not allow for long term follow up of patient data. **"the NIS database evaluates a single hospital admission during the index THA or HA surgeries so long-term follow up for complications, mortality… was not captured"**

In terms of patient selection we have clarified in the second to last paragraph of the discussion that our patient selection likely produced a "heterogeneous" group.

Reviewer 2

We have added to our limitation sections detailing about our inability to specifically identify patients with minimally invasive approach "**Additionally, the NIS does not allow us to examine solely patients who underwent THA with the minimally invasive approach. Therefore our patient population likely represents a more heterogeneous group**"

We made all grammatically changes suggested by the reviewer in the file provided by them.