

ESPS Manuscript number: 25852

Editor : Wang, Jin-Lei (Baishideng Publishing group Inc)

Manuscript title:

Hand-assisted Laparoscopic Restorative Proctocolectomy for Ulcerative Colitis

Editor comments:

I reviewed your manuscript and have the below comments.

- For categorical variables, the Pearson χ^2 test was performed in all cases even when the data set was small. When data set is small the exact tests (Fisher's Exact Test etc.) are required.

〈Response〉 We have analyzed Peasons χ^2 test, and Fisher's Exaxt test in expecte value was small.

-I suppose that choice of means and standard deviations or medians and IQR values was based on the distribution of data after checking with the appropriate test.

〈Response〉 We checked the continuous data with the appropriate test. Data with a non-Gaussian distribution were summarized as medians and IQR and analyzed with non-parametric tests. In the case of a Gaussian distribution data should be summarized as means and SD, and analyzed with the paired t-test.

-Preoperative leukocyte count was higher in the HALS group (7486 ± 478) vs. ? (P?).

⟨Response⟩ We have corrected this part as blow.

Preoperative leukocyte count was higher in the HALS-RP group than OPEN-RP group (7486 vs. 5661, $p=0.002$).

-Table 1 and table 2 are confusing.

- Age is expressed as median and range but it is not clear if range is for interquartile range or for min-max values.

⟨Response⟩ Date of age was a Gaussian distribution, so we express as average and standard distribution.

- When the frequency is 0, 0% in parentheses is required (0%). For the variable Biologics it is not clear 2 (8.70) and 5 (10/6%).

- In table 2, variables operation time and blood loss, it is unclear for me the value +/- after the medians (SD?). SD after a median is not a correct way to show the dispersion.

⟨Response⟩ We corrected these data in Table1 and Table2

-For bowel movement variable, you can use the term mean instead of average (if so).

⟨Response⟩ We have changed the term from average to mean

-In a paragraph titled Statistical analysis these points should be synthesized

〈Response〉 We synthesize the sentence according to the review in a paragraph titled statistical analysis.

In addition to the editor's comment, we have slightly modified

ACKNOWLEDGMENT.