

We obtained the approval of ethical committee in our Departments of Pediatrics, Kasr Alainy School of Medicine, Cairo University, Cairo , Egypt.

It clarified and highlighted enough in the submitted manuscript in methodology section. We also attach the scanned copy of ethical committee approval of the research protocol below and it will be attached in submitted files to the journal

**Primary outcome parameter**

Determining of Frequency of hepatic manifestations in pediatric patients with inflammatory bowel disease.

**Statistical analysis**

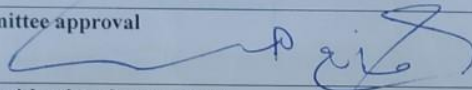
The data will be tabulated and statistically analyzed. Qualitative data will be expressed by number and percent. They will be compared by chi-square test or Fischer's exact test when appropriate. Quantitative data will be expressed by mean, standard deviation, median, minimum and maximum. They will be compared by t- student test or Mann-Whitney U test. In all tests, P values will considered significant if less than 0.05.

**Source of funding**

None

**5. Time plan**

The study will be performed over a period of six months. An attempt to publish once it is finished.

**6. Ethical committee approval****7. Cooperation with other departments****8. Other notes**