

June 12, 2019

Dear Editors,

Thank you for your consideration of our manuscript. We thank the reviewers for their thoughtful input and appreciate their suggestions.

For Reviewer #1:

1. We appreciate the reminder that the HSS – Pedi FABS scale may not be familiar to our readers and thus described this in more detail in the Methods section.
2. The important question was raised regarding the type and severity of disease causing potential activity level of the children. Unfortunately, the survey was constructed to ensure anonymity of the patients and thus our knowledge of their disease type and severity was self-reported, which we did not feel was accurate enough to determine analysis. We did try to tease out this factor by asking about physical changes (surgical incisions, fistulas or scars) that affected their play/performance, and a very limited number mentioned this as being a limitation in their responses. We added to our Limitations section to ensure that readers were aware of this.
3. The single center nature of this study was mentioned, which is a significant limitation. As a quaternary center, the severity of patient illness would typically be higher than the average center and thus we believe that the physical activity and sports participation in many other pediatric IBD centers and community settings would be even higher. We have clarified this point in the discussion.

Reviewer #2

1. The question of fistulae or stoma having an effect on activity is a good one. As noted above, the survey was not designed to capture the full extent of surgical involvement, so we do not know the denominator for these aspects. We did ask patients to name barriers to full participation and rarely did they name physical changes such as scars from incisions or fistulae.

We feel these revisions have helped to strengthen and improve the manuscript and appreciate the reviewers for their input.

Sincerely,

Renée Marchioni Beery