

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 66525

Title: Determinants of disease-specific knowledge among children with inflammatory bowel disease and their parents: a multicentre study.

Reviewer's code: 00503405

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Senior Lecturer, Senior Scientist

Reviewer's Country/Territory: Hungary

Author's Country/Territory: Poland

Manuscript submission date: 2021-04-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-06 19:26

Reviewer performed review: 2021-04-07 18:19

Review time: 22 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

In the original article of Kowalska-Duplaga et al. the authors aimed to assess the IBD-specific knowledge of children patients and their parents in Poland. The study is very interesting and very important, since they identified gaps in IBD-related knowledge (such as steroid side effects, role of surgical treatment, dietary restrictions, risk of the use of herbal medicines). The study highlights the importance of educating and caring for both patients and their parents in childhood IBD in order for the therapy to be effective and for the complications and long-term effects of the disease to be recognized, treated and understood in a timely manner. The use of the IBD-KID questionnaire -though the first version- is appropriate, the used statistical methods are all adequate. The results are clear, well explained. The tables are quite complicated for the first sight, but contains all the crucial information to help the understanding the results. Minor suggestion: maybe a graphical visualization (if possible) may help to better understand the complexity of the results. I suggest to accept the manuscript for publication in WJG.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 66525

Title: Determinants of disease-specific knowledge among children with inflammatory bowel disease and their parents: a multicentre study.

Reviewer's code: 05401003

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: Poland

Manuscript submission date: 2021-04-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-07 14:01

Reviewer performed review: 2021-04-09 14:36

Review time: 2 Days

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This is a relatively large prospective survey based intervention looking at the determinants of IBD-specific knowledge among pediatric patients and their parents using a previously validated index (IBD-KID). Specific attention was paid to this being a Polish Study, and it is unclear if this is a completely novel study or rather extrapolating prior findings to a Polish population, as the discussion states the results are similar to other cohorts using this instrument. The strengths are the relatively large size, the use of a hierarchical multivariate model to assess predictors of knowledge. Major Points: 1. The introduction should reference the original version of the IBD-KID survey and highlight its validation through citations. 2. The methods should explain the possible range of scores of the IBD-KID instrument. You report values of 10-12 but I cannot determine what this means in terms of poor, fair, or good knowledge without more context. I am left to assume that higher scores indicate higher knowledge, but this should be defined. 3. The full survey should be included as a supplemental table or figure. 4. Please describe J-Elita a bit more. I assume it is a Polish Crohn's and Colitis Patient Organization, but do not know if this is a pediatric or general IBD organization and for readers not from Poland it lacks context. 5. Tables 2 and 3 are dense and hard to interpret. Perhaps you can move Models 1 and 2 to supplementary tables and just present the final model (3) which might be easier to interpret. 6. Please move Table 2 SF to a main table and reformat with capitalization of text in cells and possibly A and B tables to make it easier to look at patients data and parents data discretely. Minor Points: 1. Please reformat the tables. At least the first words of each cell should be capitalized. 2. The layout of the tables is very confusing and dense. These should be simplified and reformatted. 3. Discussion: "The pattern of knowledge SEEMS TO RESEMBLE that found in other countries" is weakly worded. Please rephrase. This also

implies this study is reproducing the use of IBD-KID in other countries, leading back to my comment in the first sentence that is the point of this study to study the instrument in Poland or to increase the validity by using a larger cohort?

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 66525

Title: Determinants of disease-specific knowledge among children with inflammatory bowel disease and their parents: a multicentre study.

Reviewer's code: 05423566

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Full Professor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: Poland

Manuscript submission date: 2021-04-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-07 09:04

Reviewer performed review: 2021-04-09 14:52

Review time: 2 Days and 5 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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SPECIFIC COMMENTS TO AUTHORS

This is an interesting and well written manuscript. However, I have some comments that may add to the overall quality of the Manuscript. 1. Materials and methods Survey subtitle – maybe sampling and ethics would be more appropriate, please revise 2. Questionnaire Please provide information about the survey, i.e. what sources of information where questioned, define J-elita etc. 3. Table 1. Please provide number of patients/parents relative to CD or UC 4. IBD-KID scores – please provide range for knowledge scores 5. You state that CD patients-parent had greater knowledge scores. Could be this related to treatment also? Please provide number of patients on immunosuppressant treatment etc. relative to CD or UC 6. Conclusion Parents of patients treated with immunosuppressive agents showed higher disease-specific knowledge. This is quite interesting. One would expect that greater knowledge may lead to better disease management but according to the discussion and conclusion this is not the case. I advise on expanding the discussion section about this issue.