

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastrointestinal Surgery*

**Manuscript NO:** 80701

**Title:** Hereditary polyposis syndromes remain a challenging disease entity: Old dilemmas and new insights

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 02904061

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Chief Doctor, Doctor, Professor, Manager

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Denmark

**Manuscript submission date:** 2022-10-09

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-10-10 15:00

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<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="checkbox"/> ] Anonymous [ <input type="checkbox"/> ] Onymous
	Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No

#### **SPECIFIC COMMENTS TO AUTHORS**

this editorial presents an overview in the management of hereditary polyposis syndromes, including surgery, endoscopic management and chemoprevent. This paper expounds the clinical diagnosis and treatment of various polyposis in detail, but lacks some latest research data. Whether Figure 1 is not fully displayed due to some problems, it looks a bit simple.

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## SPECIFIC COMMENTS TO AUTHORS

In this editorial, the authors report an overview of the management of hereditary polyposis syndromes, the familial adenomatous polyposis, the juvenile polyposis syndrome and the Peutz-Jegher syndrome. The text is is not comprehensive and shallow. Therefore, before publication, I believe that the following changes should be made:

GI polyps and polyposis syndromes GI most likely refers to 'gastrointestinal', it should be indicated for greater clarity.

Genetic devolution - 'Familial Adenomatous Polyposis (FAP)': in this case it can only be indicated with 'FAP', having already explained the acronym previously.

- Figure 1 does not shows the genes reported in the text. Expand the phenotype This section should be deepened. They report the genotype-phenotype correlation, characteristic of these syndromes. In this regard, the authors could benefit from reading the following articles, the contents of which could be useful for improving the manuscript:

1. PMID: 29954149 DOI: 10.3390/genes9070322 2. PMID: 27326320 DOI: 10.4251/wjgo.v8.i6.509 Surgical management of hereditary polyposis Peutz-Jeghers syndrome (PJS), juvenile polyposis syndromes (JPS): in this case they can only be indicated with 'PJS and JPS', having already explained the acronyms previously.

Lower GI endoscopy and surgery This paragraph is reported in a confused way. The authors must treat each syndrome separately, as done in others paragraphs, indicating overview on endoscopic and surgery for each syndrome. In addition they should also refer to chromoendoscopy, and the use of cap-assisted endoscopy that have shown promise for enhanced lesion detection rates.

Figure 2 - It should be indicate as table 1. Figure 3 - Figure 3 is not indicated in the text. - In figure 3d reference is made to Cowden's sndrome, not mentioned in the text

References Some relevant documents are missing, among which: PMID:



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