



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 102174

**Title:** Rare large sigmoid hamartomatous polyp in an elderly patient with atypical Peutz-Jeghers syndrome: A case report

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

**Peer-review model:** Single blind

**Reviewer’s code:** 08224521

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:**

**Reviewer’s Country/Territory:** United States

**Author’s Country/Territory:** China

**Manuscript submission date:** 2024-10-10

**Reviewer chosen by:** Shang Wu

**Reviewer accepted review:** 2024-11-19 16:19

**Reviewer performed review:** 2024-11-30 19:11

**Review time:** 11 Days and 2 Hours

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 Grade E: Do not publish
<b>Novelty of this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
<b>Creativity or innovation of this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



<b>Scientific significance of the conclusion in this manuscript</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

Overall, this is an interesting case and well-written. The discussion is also detailed and well written. This manuscript brings attentions to rare presentations of rare cases to consider differential diagnosis in uncommon age ranges especially elderly who may encounter different other conditions or diagnosis with unusual presentations of this rare genetic disease. Below are more detailed comments: Depending on the journal requirements you may want to add the IRB number of the study for the clinical data use of this subject including the subject's diagnostic images, etc. Introduction: Considering one of the authors' focus is on the age of the patient, a more broad discussion on Peutz-Jeghers syndrome (PJS) epidemiology is helpful that may also include sex, race and age. Discussion: On the below section where there is citation(19), the word "this" at the beginning of the sentence needs clarification. Please make sure the audience can understand what you are referring to: "This pigmentation is seen mainly on sun-exposed areas, scars, armpits, nipples, palm folds, pressure points, and mucous membranes (including the cheeks, vagina, vulva, and anus)" The reason is that the sentences prior to the above are both referring to "adrenal insufficiency" and "this case" as indicated below:



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"This case prompts our thinking and clinical differential diagnosis of skin hyperpigmentation related diseases. Skin pigmentation is a prominent feature of primary adrenal insufficiency, such as Addison's disease" The other parts of discussion are well written and clear. Conclusion may include some examples of "predisposing factors" as it is mentioned and in order to refer to the the differential diagnosis in more details. The Novelty of the manuscript can be discussed further if you can add more epidemiology and possibly genetic predisposition and epigenomic discussions for this disease. Considering the late presentation of this patient a potential epigenomic discussion in this case could she light on future research. Epigenetic changes are modifications to DNA that regulate gene activity without changing the DNA sequence. These changes can be caused by age or environmental factors like diet, exercise, drugs, and chemicals.