



## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 72693

**Title:** Synchronized early gastric cancer occurred in a patient with serrated polyposis syndrome: A case report

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

**Peer-review model:** Single blind

**Reviewer's code:** 04115871

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2021-10-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-10-25 16:34

**Reviewer performed review:** 2021-10-29 05:21

**Review time:** 3 Days and 12 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 Grade E: Do not publish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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

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

The study reported that a case of serrated polyposis syndrom (SPS) complicated with gastric cancer, in this study, Exon sequencing method was used to confirm the existence of gene mutation in this case, and it is speculated that it has a potential role in the pathogenesis, which has certain clinical significance. however,still has some shortcomings: In the background part of the paper, the relevant literature should be fully quoted,the genetic background of SPS should be emphasized,and the necessity significance of exon sequencing should be highlighted,the discussion section should elaborate on the functional mechanisms associated with the identified mutated genes.In this study,although mutation sites were found and functional prediction was made , functional experiments were not carried out for further verification. Secondly, the study sample was small and no normal control group was set, therefore,more work is needed to clarify the role of gene mutations in SPS.



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**Reviewer's code:** 00504218

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2021-10-25

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**Reviewer accepted review:** 2021-11-08 02:16

**Reviewer performed review:** 2021-11-08 04:40

**Review time:** 2 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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
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<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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### **SPECIFIC COMMENTS TO AUTHORS**

In this case report, authors presented an early gastric cancer associated with serrated polyposis syndrome. Total genome DNA was extracted from the patient's blood and five gastric cancer-associated variants were identified. This is a well-written paper containing interesting results which merit publication. For the benefit of the reader, however, a number of points need clarifying and certain statements require further justification. These are given below. 1. Authors should validate how these five molecules involved the gastric cancer using resected specimen. 2. Authors should show if *Helicobacter pylori* (HP) was positive or not in this case to exclude HP infection-related gastric cancer.