

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 90948

Title: Management of retroperitoneal high-grade serous carcinoma of unknown origin:
A comprehensive case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05213310

Position: Editorial Board

Academic degree: PhD

Professional title: Adjunct Professor, Full Professor

Reviewer's Country/Territory: Saudi Arabia

Author's Country/Territory: Taiwan

Manuscript submission date: 2023-12-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-12-18 10:18

Reviewer performed review: 2023-12-18 11:53

Review time: 1 Hour

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 Grade E: Do not publish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

Scientific significance of the conclusion in this manuscript	[<input checked="" type="radio"/>] Grade A: Excellent [<input type="radio"/>] Grade B: Good [<input type="radio"/>] Grade C: Fair [<input type="radio"/>] Grade D: No scientific significance
Language quality	[<input checked="" type="radio"/>] Grade A: Priority publishing [<input type="radio"/>] Grade B: Minor language polishing [<input type="radio"/>] Grade C: A great deal of language polishing [<input type="radio"/>] Grade D: Rejection
Conclusion	[<input type="radio"/>] Accept (High priority) [<input type="radio"/>] Accept (General priority) [<input checked="" type="radio"/>] Minor revision [<input type="radio"/>] Major revision [<input type="radio"/>] Rejection
Re-review	[<input checked="" type="radio"/>] Yes [<input type="radio"/>] No
Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous
	Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

SPECIFIC COMMENTS TO AUTHORS

Dear Author(s), The article has been written with great attention, which is outstanding. I simply recommend changing the study's title to a more specific one, as well as updating the reference list with references from 2023 and five years before that, especially for references older than this particular period. That's all.

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Peer-review model: Single blind

Reviewer's code: 06112223

Position: Peer Reviewer

Academic degree: PhD

Professional title: Chief Physician, Postdoc

Reviewer's Country/Territory: China

Author's Country/Territory: Taiwan

Manuscript submission date: 2023-12-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-12-21 11:57

Reviewer performed review: 2023-12-29 16:04

Review time: 8 Days and 4 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
Novelty of this manuscript	<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 novelty
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Scientific significance of the conclusion in this manuscript	<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 scientific significance
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
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 checked="" type="checkbox"/> Yes <input 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

SPECIFIC COMMENTS TO AUTHORS

This manuscript presented a case of HGSC of unknown origin that was managed using retroperitoneal lymphadenectomy, staging surgery, chemotherapy, and targeted therapy. Ongoing monitoring is essential to evaluate patient prognosis. This case is the first to report tumor marker elevation during a regular health examination without other noted symptoms. The development of retroperitoneal serous carcinoma is believed to be linked to endosalpingiosis and a remnant Müllerian tract. Various gene mutations, including KRAS, NRAS, TP53, and BRCA, are associated with retroperitoneal serous carcinoma. The diagnosis and the treatment of retroperitoneal carcinoma are difficult. The author think surgery is the only way to provide a definitive diagnosis. However, considering its histological type and pathogenic similarity to high-grade ovarian serous carcinoma, it is worth investigating further. I think the pathogenesis and genetics of the disease should be explored in the future. The author should summarize the experience to find the most appropriate diagnosis and treatment.