

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 85964

Title: Squamous cell carcinoma associated with endometriosis in the uterus and ovaries:
A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02803865

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: France

Author's Country/Territory: China

Manuscript submission date: 2023-05-26

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-08-02 07:08

Reviewer performed review: 2023-08-05 08:25

Review time: 3 Days and 1 Hour

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 Grade E: Do not publish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

Scientific significance of the conclusion in this manuscript	<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
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 type="checkbox"/> Accept (General priority) <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

The authors report a case of simultaneous utero-ovarian squamous cell carcinoma associated to endometriosis. The case is of interest, detailed revision might result in improvement. The authors should revise/reformulated the name of the tumor/lesions they detected, endometriosis is considered to transform to adenocarcinoma (and not squamous cell carcinoma). As far as understood, the squamous cell carcinoma was considered to develop from squamous metaplasia occurring in endometriosis? The histogenesis hypotheses should be presented in detail. The authors could add data on the microscopy diagnosis of lesions detected on the cervical conization specimen. Was this specimen evaluated entirely on microscopy? Can the authors rule out evolution of cervical squamous lesions (residual/microscopy lesions persistent in the unresected uterus)? The normal ranges for CA125 and CA199 could be noted as well as the detected levels. The authors could add data on the percentages of endometriosis, squamous cell carcinoma (and if detected, adenocarcinoma) in the different tumors (uterine, ovarian, fallopian tube) as well as the size of each tumor. Did the tumors show necrosis? vascular emboli? Data on hormone receptor expression (estrogen and

progesterone) could be of interest. Examples of words/phrases to revise ""is a common disease in gynecology" can be reformulated "A CT scan showed that the uterus and adnexa were not clearly displayed" can be reformulated "The uterus and adnexa were displaced as evaluated on the CT-scan" similar; the sentence contains 2 ideas/could be reformulated to 1 idea/1 sentence "Histological findings of surgical specimens- showed" can be reformulated "/ squamous cell carcinoma arising from endometriosis in both /" can be reformulated "/ squamous cell carcinoma associated to endometriosis" (in continuity/intermingled with endometriosis?) "and was followed up for three months without metastasis" can be reformulated (and did not show metastases at 3 months post-operatively" similar. "dramatic response" can be reformulated "decrease/necrosis of // % of the tumor masses" similar (more scientific) "a 57-year-old female suffered" can be reformulated to more respectful ""/ female patient /" "double anexectomy" can be reformulated "bilateral anexectomy" Figures: indicators (arrows) could be added.