

## PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 79015

**Title:** Giant cellular leiomyoma in the broad ligament of the uterus:a case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04153245 Position: Editorial Board

Academic degree: BM BCh, MD, MSc, PhD

**Professional title:** Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2022-07-28

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-09-15 08:23

Reviewer performed review: 2022-09-15 10:33

**Review time:** 2 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [ Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [ Y] Major revision [ ] Rejection
Re-review	[Y]Yes [ ]No
Peer-reviewer	Peer-Review: [ ] Anonymous [ Y] Onymous



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statements

Conflicts-of-Interest: [ ] Yes [Y] No

#### SPECIFIC COMMENTS TO AUTHORS

Comments 1- There are minor medical English errors. Please, re-check it. 2- This sentence "Her notable imagological examination was computerized tomography imaging revealed" to be changed to "Her notable imagological examination was computerized tomography imaging that revealed". 3- Background appears without references. Please, add references and also increase it with more references about structure of leiomyomas. 4- This "masses, the patient has no history of smoking or drinking alcohol." may be separated into two sentences to be "masses. The patient has no history of smoking or drinking alcohol.". 5- Please, add pathological features of your case following this sentence "The samples were sent for histopathological examination (Fig. 4).". 6- This sentence "Alba et al [1] obtained a review that early hormone exposure may lead to disease onset or progression through persistent epigenetic changes and the prevalence of hormone-dependent smooth muscle is estimated at approximately 70% [1]", Please, delete the first reference number [1]. 7-Following these sentences "Cellular leiomyoma in the broad ligament is rarely reported. As the least common type (< 5%) [3], there has been no significant increase in the reported cases over the past decade. Only five have been reported in the literature to the date formally, in 2012[3],2016[4],2018 [5], and 2020 [6]."; Please, add notes on contents of broad ligament that could be origin for such changes encountered within the ligament. Broad ligament contains embryonic remnants of Wolffian "mesonephric" duct. The Wolffian duct on each side gives rise to the genital ducts in males but retracts in males to form embryonic remnants. These residues include epoophoron and paroophoron which may expand to form abnormal cysts within the broad ligament or acquire some muscle fibers which can cause a leiomyoma. Then, add this reference for the above-mentioned



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paragraph: Hegazy A. Clinical embryology for medical students and postgraduate doctors. Lap Lambert Academic Publishing; 2014. 8- Please, add well-clarified Legends to Figures with adding symbols for photographs.



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Reviewer's code: 05260764 Position: Peer Reviewer

Academic degree: Doctor, MD

Professional title: Surgeon

Reviewer's Country/Territory: Denmark

Author's Country/Territory: China

Manuscript submission date: 2022-07-28

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-09-15 05:26

Reviewer performed review: 2022-09-23 12:38

**Review time:** 8 Days and 7 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ Y] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [ Y] Major revision [ ] Rejection
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#### SPECIFIC COMMENTS TO AUTHORS

The authors present an interesting case in which a leiomyoma of the uterus presented the clinicians with a diagnostic challenge due to the location in the broad ligament, the size and the level of Ca-125, suggesting that an ovarian malignancy was the perhaps the first diagnosis to be evaluated. The patient was treated as such with exploratory laparotomy, however, no description of TVUL findings or gynecological findings is described, which is a shame, since all patients presenting with those symptoms, regardless of level of sexual activity or menopausal state should be evaluated with these initially, before moving on to CT or MRI. This would have helped to emphasize the clinical struggles of differentiating between a benign and malignant mass from the internal reproductive system, making this case far more clinically interesting. Furthermore, it is not described in detail if the patient underwent a PET-CT in order to evaluate whether or not this was a malignant condition with metastasis, which would have been the correct approach before deciding to operate her. If the authors could elaborate on why the following was not performed and why it is important in the differential diagnostics of masses in the female reproductive system, this case could certainly be considered for publication. Finally, before this case is eligible for publication, a great deal of language polishing needs to be performed, since many parts of the case reports are very difficult to understand due to poor language.



### RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Academic degree: BM BCh, MD, MSc, PhD

**Professional title:** Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2022-07-28

**Reviewer chosen by:** Ji-Hong Liu

Reviewer accepted review: 2022-10-12 12:21

Reviewer performed review: 2022-10-12 12:48

Review time: 1 Hour

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [ Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Peer-reviewer statements	Peer-Review: [ ] Anonymous [ Y] Onymous  Conflicts-of-Interest: [ ] Yes [ Y] No



# SPECIFIC COMMENTS TO AUTHORS

Please, add the figures and revise carefully their legends.