

PEER-REVIEW REPORT

Name of journal: *World Journal of Radiology*

Manuscript NO: 79660

Title: Magnetic resonance imaging findings of spontaneous pyomyoma in a premenopausal woman managed with myomectomy: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00227501

Position: Associate Editor

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Mexico

Manuscript submission date: 2022-09-01

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-25 05:47

Reviewer performed review: 2022-10-25 05:56

Review time: 1 Hour

Scientific quality	<input 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 checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input 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 checked="" type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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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 application of MRI in this article has no academic significance or any innovation

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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: Mexico

Manuscript submission date: 2022-09-01

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-11-09 05:03

Reviewer performed review: 2022-11-09 06:32

Review time: 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
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 type="checkbox"/> Minor revision <input checked="" 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 type="checkbox"/>] Anonymous [<input checked="" type="checkbox"/>] Onymous
	Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No

SPECIFIC COMMENTS TO AUTHORS

Medical English must be re-checked again. It contains some errors. ABSTRACT: Please, delete references' numbers from abstract in this "a leiomyoma³ through bacterial seeding and direct, hematogenous, or lymphatic". References do not appear in sequential order within the text, Please, re-check. You used the abbreviation "MRI" for magnetic resonance imaging; thus use it instead of "magnetic resonance imaging" in all parts of the paper thereafter, even in the legends of figures. Also, there many abbreviation (such as DWI-ADC, ADC) without clarification. Please, clarify each one at first appearance within the text. There is no referring to figures within the text. Please, add. Also, figures appear without clarifying symbols, Please, add symbols and add their clarification in legend of figures. The third paragraph in introduction appears without a reference. Please, add it. You mentioned "A signed informed consent was obtained for the publication of this case report.", Please, Clarify who gave the consent? In past history, you mentioned "The patient had no prior chronic or systemic disease.", but you should mention past history of surgery to clarify if she had a previous operation. You mentioned "On admission, There was no abnormal laboratory finding were found and a RT-PCR"; Please, delete "There was". Please transfer this "However, after performing myomectomy, anemia (10.4 g/dL), leukocytosis with bandemia (18.32 K/uL; 10.0%), high C-reactive protein levels (123.94 mg/L), procalcitonin (5.55 ng/mL), pCO₂ 31.0 mmHg, HCO₃ 20.6, BEb -2.5, and Lactate 1.3 were recorded." to postoperative & outcome section. The gram-negative cocci bacteria is detected by culture and sensitivity test. Please, add. This sentence "sepsis was noted after the surgical procedure" appears in discussion, but it is not well-clarified in the case report.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04551037

Position: Editorial Board

Academic degree: MD, MSc

Professional title: Associate Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: Mexico

Manuscript submission date: 2022-09-01

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-11-08 14:25

Reviewer performed review: 2022-11-11 08:39

Review time: 2 Days and 18 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
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 type="checkbox"/> Minor revision <input checked="" 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="radio"/>] Anonymous [<input type="radio"/>] Onymous
	Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

SPECIFIC COMMENTS TO AUTHORS

1 Title. Appropriate 2 Abstract. It should be changed according to the following comments. 3 Key words. Different words from the title should be preferred. 4 Background. It contains too much irrelevant detail. Should be summarized, general literature about pyomyoma should be written. 5 Methods. Appropriate 6 Results. Appropriate 7 Discussion. It should be rewritten. General information about myomas, their clinical and imaging characteristics should be given. After that complications related with myomas should be told, then literature about pyomyomas should be summarized and the main findings of this case should be compared with previous literature. Details about MRI sequences are irrelevant, instead the imaging findings of the current case should be reported in detail. Contrast enhanced MRI sequences must be given. If present CT and sonographic images are needed. Is there any gas within the uterine cavity? The main diagnostic method to recognise pyomyoma is clinical and laboratory data and uterine punctions, imaging is only a complementary method, this should be emphasized. More detail are needed about these parameters. 8 Illustrations and tables. See discussion section. 9 Biostatistics. Not relevant 10 Units Appropriate 11 References. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8601966/> This article must be read and cited, the manuscript can also be organized accordingly. 12 Quality of manuscript organization and presentation. Below average 13 Research methods and reporting. Appropriate 14 Ethics statements. Appropriate

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04551037

Position: Editorial Board

Academic degree: MD, MSc

Professional title: Associate Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: Mexico

Manuscript submission date: 2022-09-01

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-01-30 04:38

Reviewer performed review: 2023-01-31 08:34

Review time: 1 Day and 3 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
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
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

the final version can be acceptable.