



PEER-REVIEW REPORT

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Title: Minimal deviation adenocarcinoma with elevated CA19-9: A case report

Reviewer's code: 05242782

Position: Peer Reviewer

Academic degree: PhD

Professional title: Postdoctoral Fellow

Reviewer's Country/Territory: South Africa

Author's Country/Territory: China

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Reviewer chosen by: Jin-Lei Wang

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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 Grade E: Do not publish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 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 type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This manuscript presents a case report on the diagnosis and treatment of minimal deviation adenocarcinoma (MDA) in a 60-year-old perimenopausal patient who presented with a history of elevated carbohydrate antigen 19-9 (CA 19-9) for more than three months. This case is highly relevant given the frequent propensity for misdiagnosis of MDA and the poor prognosis associated with this rare variant of cervical adenocarcinoma. As such, clinical evidence is required to guide best practice. The case is well presented and will contribute to building the evidence-base on MDA diagnosis and treatment. More specifically, the authors demonstrate the usefulness of the methylation test in the clinical diagnosis of MDA. The following comments need addressing:

- Lines 3-5, page 3; “Minimal deviation adenocarcinoma...to myxoma histopathology”, Kindly rephrase this sentence in the background of the abstract for ease of clarity.
- Lines 11-12, page 5; “Pelvic pain was uncommon, but cervical hypertrophy was present in 74.9% of cases.” It is unclear if the authors are referring to a particular study here as the entire introduction section has no citations or reference to relevant literature. As per the CARE checklist, kindly provide appropriate references for the information presented in the introduction section of this case report.
- Line 28, page 7; “The etiology and pathogenetic of MDA...” Do the authors mean “pathogenesis”?
- Lines 2-3, page 8; “gastric type (minimal deviation adenocarcinomas) belongs to non-hr-HPV related.” This sentence is not immediately clear. Kindly rephrase or expand for ease of clarity.
- Lines 19-20, page 8; “In this case, only MR produced positive results on imaging.” Are the authors referring to “MRI”?
- The limitations and strengths in the approach to the case are not explicitly defined in the discussion section. Kindly highlight the limitations and strengths of your clinical approach and the implications thereof.