

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 82673

**Title:** Pregnancy Complicated by Juxtaglomerular Cell Tumor of the Kidney: A Case Report

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05722553

**Position:** Editorial Board

**Academic degree:** Doctor, PhD

**Professional title:** Assistant Professor, Chief Doctor, Surgeon

**Reviewer's Country/Territory:** Romania

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-12-26

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-12-26 20:04

**Reviewer performed review:** 2022-12-26 20:13

**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 Grade E: Do not publish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 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 type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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<b>Peer-reviewer statements</b>	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**

Dear author's Your manuscript has multiple errors in the diagnosis and treatment option for this patient. First of all the patients has Previous Hypertension and NOT pregnancy induced hypertension (7w of gestation). In this rare case the obstetrician should take into consideration a secondary cause of hypertension. The abortion was demanded by the patient? It will be possible to treat the patient without pregnancy termination?

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**Reviewer's code:** 05527087

**Position:** Peer Reviewer

**Academic degree:** Doctor, PhD

**Professional title:** Assistant Professor, Associate Professor, Associate Research Scientist, Doctor, Lecturer, Research Associate, Research Scientist, Researcher, Science Editor, Senior Editor, Senior Researcher, Surgeon

**Reviewer's Country/Territory:** Morocco

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-12-26

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-01-02 08:58

**Reviewer performed review:** 2023-01-04 16:34

**Review time:** 2 Days and 7 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

<b>Creativity or innovation of this manuscript</b>	<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
<b>Scientific significance of the conclusion in this manuscript</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

Good article with good scientific soundness, well written. However, some references must be updated

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**Peer-review model:** Single blind

**Reviewer's code:** 05480683

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Academic Fellow, Academic Research, Adjunct Professor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-12-26

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-01-04 19:56

**Reviewer performed review:** 2023-01-04 21:08

**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
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
Creativity or innovation 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 creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

In this case report, the authors, i.e., Dr. Fu and colleagues, describe a pregnant 28-year-old woman who presented a Juxtaglomerular cell tumor of the kidney after misdiagnosis with pregnancy-induced hypertension, which has been diagnosed with Juxtaglomerular cell tumor of the kidney, an extremely rare endocrine tumor, following an artificial termination of pregnancy. After long-term follow-up, the patient became pregnant again six months after surgery; no hypertension occurred during pregnancy, and the patient delivered a healthy female neonate. Given the extreme rarity of the case and the presence of similar few cases in the literature, the manuscript fits well with the aim of World Journal of Clinical Cases. Here several observations for improving the manuscript: observations 1) The introduction is too concise. I suggest improving the introduction with additional molecular and clinical details on Juxtaglomerular cell tumor of the kidney 2) Introduction should be implemented with more supporting references, as several notions are lacking in refs. The same comment can be made for the discussion 3) Superscript references should be included with no square parentheses and following the sentences' periods/commas. Please check the entire manuscript,

accordingly 4) Had the patient presented a history of either viral or bacterial infections of the kidney/ urinary tract? The well-known modulation of the immune state occurring during pregnancy has been reported to make pregnant females prone to pathogenic infections, including those which origin from oncogenic viruses (DOI: 10.3389/fmicb.2021.789991, DOI: 10.1016/j.jcv.2018.02.015). It is the case of the oncogenic polyomavirus BK which is able to promote the proliferation, invasion and migration of bladder cancer in immunocompromised patients <https://virologyj.biomedcentral.com/articles/10.1186/s12985-020-01399-7> and <https://doi.org/10.3390/v13030487> ); B) oncogenic Merkel cell polyomavirus, whose DNA sequences have been detected in blood samples from immunocompetent and immunosuppressed patients with kidney disease (DOI: 10.1016/j.micpath.2019.03.020), while pregnant females have been reported to present a decrease in antibody response to this virus (DOI: 10.3389/fmicb.2021.789991). In this contest, a possible pathogenic etiology of Juxtaglomerular cell tumor of the kidney by tumor viruses cannot be excluded. Authors should briefly discuss this possible aspect and include aforementioned references. 5) “Previous foreign studies have shown” the work “foreign” should be avoided 6) “however, a few malignant cases have been reported[16].” I suggest including the fact that the author are talking about tumor relapse