

## Review Form 1.7

Journal Name:	<a href="#">Asian Journal of Research in Nephrology</a>
Manuscript Number:	Ms_AJRN_100689
Title of the Manuscript:	Comparative study of secondary thrombotic microangiopathies associated with anticancer treatments in patients receiving gemcitabine and anti-VEGF
Type of the Article	Data Article <b>CASE STUDY</b>

### **General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajrn.com/index.php/AJRN/editorial-policy> )

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### PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Compulsory REVISION</b> comments</p> <ol style="list-style-type: none"><li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li><li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li><li>3. <b>Is the abstract of the article comprehensive?</b></li><li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li><li>5. <b>Do you think the manuscript is scientifically correct?</b></li><li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li></ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>Dear Editor, The result of the manuscript review is as follows:</p> <ol style="list-style-type: none"><li>1. <b>Yes, because thrombotic microangiopathy is the accumulation of fibrin and platelets in small vessels, along with reduced organ function, thrombocytopenia and anemia. In this manuscript, this side effect caused by two cancer treatment methods has been compared. One is chemotherapy with Gemcitabine drug (which has a history in treating tumours) and the other is treatment with anti-vascular endothelial growth factor, which is also known as anti-VEGF, which has less history in treating tumours than Gemcitabine.</b></li><li>2. <b>yes</b></li><li>3. <b>In abstract:</b><ol style="list-style-type: none"><li>3.1. <b>For comparison, the data of 5 patients should be reported as in 2 patients.</b></li><li>3.2. <b>And then specify the mentioned conclusion for which group and in terms of comparison, which was the most effective treatment and why?</b></li><li>3.3. <b>Do you offer alternative treatment?</b></li></ol></li><li>4. <b>TMA syndrome generally indicates severe life-threatening conditions [1-5,10-13]. Depending on the type and location of cancer, chemical compounds such as Gemcitabine [1, 14-15] or tetrazole [6-9] moiety can be used in the treatment of cancer and inhibiting the growth of tumours.</b><ol style="list-style-type: none"><li>4.1. <b>Figure 1</b></li></ol><div data-bbox="1160 1123 1418 1402" data-label="Chemical-Block"></div><ol style="list-style-type: none"><li>4.2. <b>Fig 1, Gemcitabine</b></li></ol></li><li>5. <b>YES</b></li><li>6. <b>References should be mentioned in the introduction section and references mentioned by me should be added and reference numbers should be corrected until the end of the text.</b><ol style="list-style-type: none"><li>1. Han MA, Maisch P, Jung JH, Hwang JE, Narayan V, Cleves A, Hwang EC, Dahm P. Intravesical gemcitabine for non-muscle invasive bladder cancer. Cochrane Database of Systematic Reviews 2021, Issue 6. Art. No.: CD009294. <a href="https://doi.org/10.1002/14651858.CD009294.pub3">https://doi.org/10.1002/14651858.CD009294.pub3</a>.</li><li>2. Ibrahim, F., ELawadi, M., Ali, D., Abdallah, A., &amp; Ta-Ema, S. (2021). Impact of Chemoradiotherapy versus Chemotherapy on Operability and Survival in Patients with Locally Advanced Surgically Inoperable Pancreatic Cancer: A Randomized Trial. International Research Journal of Oncology, 4(1), 10–19. Retrieved from</li></ol></li></ol>	

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	<p><a href="https://journalirjo.com/index.php/IRJO/article/view/47">https://journalirjo.com/index.php/IRJO/article/view/47</a></p> <ol style="list-style-type: none"><li>3. Umar, S., Adisa, J. O., Okechi, O. O., Abubakar, U., &amp; Imam, A. B. (2021). The Study of Prevalence, Knowledge, Attitude, Beliefs and Practice of Cervical Cancer in HIV Positive Women in Purdah and HIV Positive Women Not in Purdah in Gombe State Nigeria. <i>Journal of Cancer and Tumor International</i>, 11(1), 45–57. <a href="https://doi.org/10.9734/jcti/2021/v11i130144">https://doi.org/10.9734/jcti/2021/v11i130144</a></li><li>4. Beauty Inegbedion, G., Nzubechukwu Tabugbo, O., &amp; Ikenna Daniel, M. (2015). Prostate Cancer Management in the UK and Other European Countries: A Systematic Review. <i>Journal of Cancer and Tumor International</i>, 3(1), 1–17. <a href="https://doi.org/10.9734/JCTI/2016/22461">https://doi.org/10.9734/JCTI/2016/22461</a></li><li>5. Hassan, A. K. M. T., Islam, M. N., Bhuiyan, G. F., Akhtar, M., Akter, N., Badal, M. D. H., &amp; Mahjabin, S. (2021). Thrombotic and Infective Complications in 3 Temporary Non-Tunneled Central Venous Hemodialysis Catheters. <i>Asian Journal of Research in Nephrology</i>, 4(1), 94–104. Retrieved from <a href="https://journalajrn.com/index.php/AJRN/article/view/12">https://journalajrn.com/index.php/AJRN/article/view/12</a></li><li>6. Tamura Y, Watanabe F, Nakatani T, Yasui K, Fuji M, Komurasaki T, et al. Highly Selective and Orally Active Inhibitors of Type IV Collagenase (MMP-9 and MMP-2): N-Sulfonylamino Acid Derivatives. <i>Journal of Medicinal Chemistry</i>. 1998;41(4):640-9.</li><li>7. Dhiman, N., Kaur, K., &amp; Jaitak, V. (2020). Tetrazoles as anticancer agents: A review on synthetic strategies, mechanism of action and SAR studies. <i>Bioorganic &amp; medicinal chemistry</i>, 28(15), 115599. <a href="https://doi.org/10.1016/j.bmc.2020.115599">https://doi.org/10.1016/j.bmc.2020.115599</a></li><li>8. Khamooshi F, Mousavi SM, Doraji-Bonjar S, Zolfigol MA. Anti-HIV Drugs Study: Study of NNRTIs Function and Overview Synthesis of Specific and Rare Aryloxy Tetrazoles Derivatives as NNRTIs and Anti-HIV Drug. <i>Medicon Pharmaceutical Sciences</i>. 2022;2(3):04-10.</li><li>9. Khamooshi F, Haghghi-KJ B, Aryan R, Modarresi-Alam AR, Rezvani AR, Mirzaei AA, et al. Solvent-free Preparation of 5-Aryloxytetrazoles via [2+3] Cycloaddition of Cyanates and Sodium Azide Using Silica Supported Sulfuric Acid as an Effective Heterogeneous Catalyst. <i>Chemistry of Heterocyclic Compounds</i>. 2014; 49(10):1464-8.</li><li>10. Churchill, B. M., Patri, P., Inrig, J. K., Gopan, A., Vorozheikina, E., Mendoza, L., Donato, L. K., &amp; Ghosh, R. P. (2021). Chimeric Antigen Receptor-T Cell (CAR-T Cell) Therapy in Advanced Renal Cell Carcinoma. <i>International Research Journal of Oncology</i>, 4(1), 127–135. Retrieved from <a href="https://journalirjo.com/index.php/IRJO/article/view/78">https://journalirjo.com/index.php/IRJO/article/view/78</a></li><li>11. Prasad, A. S. V. (2022). Fenofibrate Induced Nephrotoxicity and Paradoxical Low HDLC- A Boon or Bane? A Review. <i>Asian Journal of Research in Nephrology</i>, 5(1), 94–106. Retrieved from <a href="https://journalajrn.com/index.php/AJRN/article/view/49">https://journalajrn.com/index.php/AJRN/article/view/49</a></li><li>12. Mahoungou, G. H., Sinomono, D. T. E., Nyanga, Y. I. D., Tsiloulou, E. F., Bouithy-Mongo, S., Ngadzali- Ngabe, P. E., Konde, A. C. T., Otiobanda, G., Loumingou, R., &amp; Bouya, A. (2021). Epidemiological, Clinical and Evolutionary Profiles of Patients Admitted in a Dialytic Emergency Situation at the University Hospital of Brazzaville. <i>Asian Journal of Research in Nephrology</i>, 4(1), 105–114. Retrieved from <a href="https://journalajrn.com/index.php/AJRN/article/view/14">https://journalajrn.com/index.php/AJRN/article/view/14</a></li><li>13. Chitralli, D. K., Abraham, A. A., Churchill, B. M., &amp; Janakiraman, R. (2021). Pantoprazole-Domperidone Induced Hyperprolactinemia and Galactorrhea in a Chronic Kidney Disease Patient on Dialysis. <i>Asian Journal of Research in Nephrology</i>, 4(1), 125–128. Retrieved from <a href="https://journalajrn.com/index.php/AJRN/article/view/13">https://journalajrn.com/index.php/AJRN/article/view/13</a></li><li>14. Abd Elbary, S. H. E., Saed, W. M., Hussein, F. Z., &amp; Barakat, A. fathy. (2021). Gemcitabine Plus Vinorelbine for Refractory or Relapsing Non-Hodgkin Lymphoma: Response Rate and Survival. <i>Journal of Advances in Medicine and Medical Research</i>, 33(23), 43–53. <a href="https://doi.org/10.9734/jammr/2021/v33i2331184">https://doi.org/10.9734/jammr/2021/v33i2331184</a></li></ol>	
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	15. Talwar, V., Raina, S., Goel, V., & C. Doval, D. (2017). Gemcitabine and Carboplatin in Inoperable, Loco-Regionally Advanced and Metastatic Gallbladder Cancer- A Study from Northern Indian Cancer Institute. Journal of Advances in Medicine and Medical Research, 19(12), 1–7. <a href="https://doi.org/10.9734/BJMMR/2017/30843">https://doi.org/10.9734/BJMMR/2017/30843</a>	
<b>Minor</b> REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?		
<b>Optional/General</b> comments	<b>CASE STUDY</b>	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	Ferydoon Khamooshi
Department, University & Country	University of Zabol, Iran