

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 69442

Title: Serum calcium, albumin, globulin and matrix metalloproteinase-9 levels in acute cerebral infarction patients

Reviewer's code: 06099468

Position: Peer Reviewer

Academic degree: PhD

Professional title: Doctor

Reviewer's Country/Territory: Spain

Author's Country/Territory: China

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Reviewer chosen by: AI Technique

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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 Grade E: Do not publish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 checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Thrombolysis is a two-edged sword and may cause a certain risk. The primary complications of IVT include hemorrhagic transformation, reperfusion injury and vascular occlusion. It is very important to predict the occurrence of hemorrhagic transformation and identify those patients who are prone to hemorrhage to improve the safety of thrombolysis and benefit patients as far as possible. This study is very interesting. This study discussed the relationship between serum calcium, albumin, globulin and MPP-9 levels and the occurrence of hemorrhagic transformation after IVT and the association between these factors and the early prognosis to reduce the risk for hemorrhagic transformation after IVT under early intervention by predicting the factors influencing its occurrence and prognosis in patients with acute cerebral infarction. Overall, this study is very interesting. The methods are clearly described and the results are reasonable. The reviewer suggests to accept this manuscript for publication after a minor revision. Comments: 1. There are some minor language polishing which should be revised. 2. The title is too long, it can be changed to "Predictive value of serum calcium, albumin, globulin and matrix metalloproteinase-9 levels for hemorrhagic transformation in acute cerebral infarction patients". 3. In the table 1, there are some unrecognized characters in the line two (Age) should be changed, maybe it's mean \pm SD? Please check it. 4. Manuscript requires an editing according to the journal's guidelines.