

PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

Manuscript NO: 33439

Title: Aggressive blood pressure treatment of hypertensive intracerebral hemorrhage may lead to global cerebral hypoperfusion: Case report and imaging perspective

Reviewer's code: 01199597

Reviewer's country: South Korea

Science editor: Jin-Xin Kong

Date sent for review: 2017-04-13

Date reviewed: 2017-04-14

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

Authors submitted manuscript entitled with "Aggressive blood pressure treatment of hypertensive intracerebral hemorrhage may lead to global cerebral hypoperfusion: Case report and imaging perspective.". Authors described multiple areas of infarction in the internal border zone areas of bilateral cerebral and cerebellar hemispheres. In my opinion, I have some questions for multiple infarction after aggressive blood pressure control. I think that multiple infarctions in Fig 2 MR image resemble cardiogenic embolic infarction. Authors did not present the patient's heart condition. Authors should describe heart condition (e.g. atrial fibrillation, echocardiography finding, 24 hours holter monitoring results). In my experience, aggressive blood pressure control in traumatic brain injury and aneurysmal subarachnoid hemorrhage resulted to global hypoxic damage. In addition, cerebellum have resistance to hypoxic damage or hypotensive insult. In my opinion, this case's MR image suggest cardiogenic embolic



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infarction rather than hypotensive border zone infarction.

PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

Manuscript NO: 33439

Title: Aggressive blood pressure treatment of hypertensive intracerebral hemorrhage may lead to global cerebral hypoperfusion: Case report and imaging perspective

Reviewer's code: 00502853

Reviewer's country: Spain

Science editor: Jin-Xin Kong

Date sent for review: 2017-04-13

Date reviewed: 2017-04-19

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Interesting and illustrative case report. One specific comment: The authors state that "strong evidence-based guidelines for the management of blood pressure in patients with spontaneous intracerebral hemorrhage are lacking". Guidelines are clear for patients with SBP 150-220 mmHg (class I, Level of Evidence I, as stated by the authors). The patient presented falls beyond the upper limit of this recommendation. I believe that this paragraph should be rewritten. References must appear in a uniform format following journal instructions. References 14 and 21 are the same one. Please, correct.

PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

Manuscript NO: 33439

Title: Aggressive blood pressure treatment of hypertensive intracerebral hemorrhage may lead to global cerebral hypoperfusion: Case report and imaging perspective

Reviewer's code: 03545890

Reviewer's country: Greece

Science editor: Jin-Xin Kong

Date sent for review: 2017-04-13

Date reviewed: 2017-04-24

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Dear Authors, It is a very interesting article. To my opinion should be accepted for publication.

PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

Manuscript NO: 33439

Title: Aggressive blood pressure treatment of hypertensive intracerebral hemorrhage may lead to global cerebral hypoperfusion: Case report and imaging perspective

Reviewer's code: 02348457

Reviewer's country: China

Science editor: Jin-Xin Kong

Date sent for review: 2017-04-13

Date reviewed: 2017-04-25

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
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		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

The authors present a case of acute hypertensive intracerebral hemorrhage in which aggressive blood pressure management to levels within the normal range led to global cerebral ischemia within multiple border zones. However, Figure 2 shows acute ischemia in multiple internal border zone areas of bilateral cerebral and cerebellar hemispheres, which can not be assumed a global cerebral ischemia, but microvessel infarction. CT images before and after treatment should be provided. The authors should provide more solid evidence that aggressive blood pressure management can result in a global cerebral ischemia.