

Review Form 3

Journal Name:	Cardiology and Angiology: An International Journal
Manuscript Number:	Ms_CA_120561
Title of the Manuscript:	Cerebrovascular accidents- epidemiological and etiological profile of patients admitted to the Mohamed VI University Hospital of Marrakech: about 300 cases
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>The authors present the results of a single-center retrospective descriptive and analytical clinical study aimed to analyze epidemiological and etiological profile of patients with ischemic stroke carried out over a 7-year period. A total of 300 patients were included in the study. The authors found that Ischemic stroke etiologies are largely dominated by lacunar infarction and embolic heart disease, followed by atherosclerosis. The study is potentially interesting, but can be improved if the following considerations are addressed:</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>1. Please change "Cerebrovascular accidents" to "Ischemic stroke" in the title.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>2. Avoid acronyms use in the Abstract: (ex: DVA).</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>3. It would be interesting to know the different ischemic stroke subtypes in the study population. 4. The text should emphasize that ischemic stroke is a heterogeneous disease and that in clinical studies it is extremely interesting to properly differentiate the different stroke subtypes (atherothrombotic infarct, cardioembolic stroke, lacunar infarct, infarct of unusual etiology, and essential cerebral infarct) among the population with ischemic stroke. The short-term prognosis of patients with cardioembolic stroke and atherothrombotic stroke is poor compared with other ischemic stroke subtypes (see and add this reference: Int J Cardiol 2004; 95; 129-134). 5. The arterial topography of cerebral ischemic stroke should be clarified in the study. A clinical report showed that cerebral infarcts in the territory of the anterior cerebral artery have a better prognosis than infarcts in the territory of the middle cerebral artery (see data published in BMC Neurol. 2009 Jul 9; 9:30. doi: 10.1186/1471-2377-9-30). Did the authors take this into account in their study protocol?.</p>	
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</p>	<p>6. It will be recommended that the authors begin the Discussion evaluating the most relevant data of their study. 7. It would be interesting to include in the text a comment on the fact that acute stroke can be the presenting manifestation of a hematological disorder. This is a noteworthy aspect that should be highlighted. It is also crucial to differentiate hematologic disorders from other ischemic stroke etiologies, as they require distinct treatment approaches and have different risk of recurrence and outcome (see and add this reference: Eur Neurol (1997) 37 (4): 207-211). 8. A comment on the limitations of the study is warranted</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. =</p>	<p>9. A brief concluding comment outlining possible lines of future research on the presented topic would be appreciated 10. Please, check reference: #7</p>	

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<p>Minor REVISION comments</p> <p>Is language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>	<p>The authors present the results of a single-center retrospective descriptive and analytical clinical study aimed to analyze epidemiological and etiological profile of patients with ischemic stroke carried out over a 7-year period. A total of 300 patients were included in the study. The authors found that Ischemic stroke etiologies are largely dominated by lacunar infarction and embolic heart disease, followed by atherosclerosis. The study is potentially interesting, but can be improved if the following considerations are addressed:</p> <ol style="list-style-type: none"> 1. Please change "Cerebrovascular accidents" to "Ischemic stroke" in the title. 2. Avoid acronym use in the Abstract: (ex: DVA). 3. It would be interesting to know the different ischemic stroke subtypes in the study population. 4. The text should emphasize that ischemic stroke is a heterogeneous disease and that in clinical studies it is extremely interesting to properly differentiate the different stroke subtypes (atherothrombotic infarct, cardioembolic stroke, lacunar infarct, infarct of unusual etiology, and essential cerebral infarct) among the population with ischemic stroke. The short-term prognosis of patients with cardioembolic stroke and atherothrombotic stroke is poor compared with other ischemic stroke subtypes (see and add this reference: Int J Cardiol 2004; 95; 129-134). 5. The arterial topography of cerebral ischemic stroke should be clarified in the study. A clinical report showed that cerebral infarcts in the territory of the anterior cerebral artery have a better prognosis than infarcts in the territory of the middle cerebral artery (see data published in BMC Neurol. 2009 Jul 9; 9:30. doi: 10.1186/1471-2377-9-30). Did the authors take this into account in their study protocol?. 6. It will be recommended that the authors begin the Discussion evaluating the most relevant data of their study. 7. It would be interesting to include in the text a comment on the fact that acute stroke can be the presenting manifestation of a hematological disorder. This is a noteworthy aspect that should be highlighted. It is also crucial to differentiate hematologic disorders from other ischemic stroke etiologies, as they require distinct treatment approaches and have different risk of recurrence and outcome (see and add this reference: Eur Neurol (1997) 37 (4): 207–211). 8. A comment on the limitations of the study is warranted 9. A brief concluding comment outlining possible lines of future research on the presented topic would be appreciated 10. Please, check reference: #7 	

PART 2:

	<p>Reviewer's comment</p>	<p>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>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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Reviewer Details:

Name:	A Arboix
Department, University & Country	University of Barcelona, Spain