

Review Form 1.6

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_76481
Title of the Manuscript:	Anti platelet effect of Aspirin in Ischemic Stroke : A Hospital Based Study
Type of the Article	

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:

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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)
Compulsory REVISION comments	The authors conducted a prospective observational hospital-based study to detect the incidence of aspirin resistance measured by platelet aggregometry test in first-ever ischemic stroke patients and to study the demographic pattern and outcome of aspirin-resistant versus aspirin-sensitive patients in a sample of 113 cases. The authors found that aspirin resistance was found in 21 patients (18.6%). The study shows a trend of lower recovery and higher mortality in patients showing resistance to aspirin. The study is potentially interesting, but can be improved if the following considerations are addressed	
Minor REVISION comments	<ol style="list-style-type: none"> 1. It would be interesting to know the prevalence of aspirin resistance in the different ischemic stroke subtypes of the sample. 2. It is mandatory to describe the causes of death (neurological and non-neurological) in the study sample. 3. The authors should clearly state in the Abstract and Results that there is a non-statistically significant trend in both mortality and prognosis between the two study groups compared: aspirin-resistant versus aspirin-sensitive patients. 	
Optional/General comments	<ol style="list-style-type: none"> 1. In the Introduction it would be interesting to include a comment on the fact that cerebral ischemia may also be caused by hematological diseases. This is a noteworthy aspect that should be emphasized (Expert Review of Hematology 2016; (9), 891-901). Highlight that resistance to aspirin would not be rare in these patients. Add and comment on the reference 2. The authors show in their study a higher prevalence of aspirin resistance in lacunar stroke. This could be a possible cause of vascular-type subcortical cognitive impairment. It should be clearly stated in the Discussion that half of the patients with a first-ever lacunar infarct have mild cognitive impairment of subcortical vascular characteristics and its presence may be a predictor of subcortical vascular dementia in the medium-long term (J Neurol Sci 2007; 257: 160-165). 	

PART 2:

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

Reviewer Details:

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