

Review Form 1.6

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_92687
Title of the Manuscript:	OBESITY AND DYSLIPIDEMIA AS RISK FACTORS OF VASCULAR COGNITIVE IMPAIRMENT IN ADULT HYPERTENSIVE NIGERIAN
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	<p>This observational clinical study investigates the role of obesity and plasma lipids as risk factors for vascular cognitive impairment (VCI) in hypertensive Nigerians adults. The authors' conclusion was that obesity and atherogenic dyslipidemia may be associated with cognitive impairment in hypertensive patients. The study is interesting, but some aspects of the manuscript may be improved by taking into account the following points:</p> <ol style="list-style-type: none"> 1. Typographical errors in the text ("atherogenic"; -Abstract-) should be corrected. 2. The authors should mention in the text that in hypertensive patients signs of small vessel disease on conventional MRI that are related to VCI include: recent subcortical infarcts (clinically symptomatic), white matter magnetic resonance hyperintensities, lacunes (clinically silent), prominent perivascular spaces, cerebral microbleeds, and atrophy (Int J Mol Sci 2022; 23, 1497). See and include this recent supporting reference. 3. The presence and progression of cerebral atrophy is another potentially relevant manifestation (although still poorly characterized) of cerebral small vessel disease in hypertensive patients with VCI (see and add references: Cerebrovasc Dis. 2010;30(2):157-66; Neurology. 2012 Nov 13;79(20):2016-7). The authors should mention that an indispensable research line in the future would be precisely the assessment of cerebral atrophy and its potential relationship with obesity and atherogenic dyslipidemia in hypertensive patients with VCI. 4. It would be suitable to add a comment on the limitations of the present study. 5. The Discussion section should focus on the rationale and provide a clear description of the study conclusions. 	
Minor REVISION comments	6. Please check references #1,#9,# and #10.	
Optional/General comments	In a comparative clinical study, the authors found that obesity and atherogenic dyslipidemia may be associated with cognitive impairment in hypertensive patients. This study is interesting and merits publication, but the "major comments" should be clearly addressed by the authors before taking a final decision.	

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?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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