



SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_AJRIMPS_44564
Title of the Manuscript:	Assessment of The Levels of Serum Zinc and Copper Among Sudanese Patients with Sickle Cell Anemia in Khartoum State
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: (<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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	<ul style="list-style-type: none"> - Results presented in the abstract are confusing. This topic needs to be adjusted; - Data presented in study population (line 68) are confusing. Are the patients children? If yes, were the consent obtained from their parents? This is not clear... - If the case group age varies from 6.67+4.16 years, how ages in figures 3 and 4 can go around 15 years? - The discussion just repeat the data presented in results without explain the findings. 	<p>The results were corrected and revised</p> <p>The informed consent was obtained from parents and corrected in the manuscript</p>
Minor REVISION comments	<p>Line 10: sickle cell anemia;</p> <p>Line 11: "RBCs" – without the meaning;</p> <p>Line 13: sudanese patients;</p> <p>Lines 13 and 15: the meaning of the acronym SCA fhas already been placed in line 8;</p> <p>Line 14: march to april;</p> <p>Line 38: "Sickle cells anemia (SCA) is a hemoglobinopathy characterized by chronic hemolysis, chronic inflammation, immune deficiency, a heterogeneous clinical picture and organ damage";</p> <p>Line 60: "When this system fails to function properly, abnormal levels and ratios of trace metals can develop" – this phrase needs correction of language;</p> <p>Line 90: "mean and SD";</p> <p>- Line 136: "Zinc deficiency can also be the result of the adverse effect of HYDROUREA which increase zinc excretion", would it be hydroxyurea?</p>	<p>The corrections were made as per suggested</p>
Optional/General comments		

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?	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> <p>Yes, in ethical consideration the authors described that verbal informed consent was obtained from each participant. In this case, where there were blood sample collection, a written consent is required. In addition, as the age of the patients are about 6 years old, the consent of those responsible is necessary.</p>	