

Review Form 3

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_126413
Title of the Manuscript:	The influence of Serum Zinc level and Serum Copper level on melasma duration and severity among Iraqi patients.
Type of the Article	Original Research Article

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The manuscript is important for scientific community as it is clinically relevant in treatment of Melasma , an acquired irregular brown or sometimes grey-brown hypermelanosis , which affects areas of sun exposure . This skin condition is seen most commonly on the face of women with skin types IV to VI. The pathogenesis of melasma is complex and includes both exogenous and endogenous factors thereby making melasma more difficult to target and likely to recur post treatment. In this situation efforts are needed to suggest effective treatment and preventive measure for melasma . This clinical study focused to evaluate the relation between serum level of Zinc and Copper with duration and severity of melasma and to compare their serum levels between melasma patients and healthy controls .The study have indicated a significant relation between serum zinc level and melasma while no significant relation between serum copper and melasma has been observed. The study has suggested that low serum zinc level may be one of the risk factors that effects the melasma duration. Thus Zinc deficiency may be involved in the pathogenesis of melasma and serum zinc level may be a helpful marker of disease duration in melasma . It can be said that zinc supplements may have useful therapeutic outcome. The study has suggested that serum copper level may not be a risk factor for melasma , but still we may need to do the serum of zinc and copper level for patients with melasma . However, extensive clinical studies involving larger number of patients with melasma on effect of serum zinc level and serum copper level on melasma are needed in order to assess the role of zinc supplements in patients with melasma, especially those with long standing, severe, or resistant lesions. Such clinical studies are urgently needed in order to suggest better therapeutic protocol for prevention and treatment of melasma with complex pathogenesis	All corrections are made
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Yes	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The manuscript is scientifically correct and technically sound. The manuscript comes under most important area of Medical and Health Sector. The manuscript covers the clinical study suggesting better therapeutic approach in prevention and treatment of melasma having complex pathogenesis. Different sections have been written very well . Experimental data have been presented nicely and correlated very well in order to arrive conclusions.	Noted

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Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes	
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?	(If yes, Kindly please write down the ethical issues here in details) no	