

Review Form 1.7

Journal Name:	Asian Journal of Medicine and Health
Manuscript Number:	Ms_AJMAH_115134
Title of the Manuscript:	THE RELATIONS FOOD INTAKE AND HEMOGLOBIN LEVELS IN FACULTY OF MEDICINE STUDENTS, INDONESIAN CHRISTIAN UNIVERSITY, CLASS OF 2021
Type of the Article	Original Research Article

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>This manuscript is about an important topic Anemia in medical students and may represent the young people of the country.</p> <p>Title could be better. Suggested title "Iron intake and Hemoglobin status in medical students in Indonesia".</p> <p>No. Suggestions have been given.</p> <p>It is OK.</p> <p>Yes</p> <p>Suggestions have been given Too many old references</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	Needs some corrections.	
<p>Optional/General comments</p>	<p>General Comments:</p> <p>The study is a very simple one with a very focused aim . But the author seems to be confused when writing it up and mixing up unrelated issues. Ideas mentioned in the body are written well but the introduction is botched up. The analysis has been carried out without much thought put into it. The English language appears a little odd in places probably because some sentences have been "cut and pasted" from elsewhere.</p> <p>Specific Comments:</p> <p>1. Abstract :There are basically 2 deficiencies one is talking about in this para. 1. Lack of protein {Transferrin} in the diet that will hamper movement of Hemoglobin.2. Lack of nutrition especially iron and B12 and Folate that will hamper Hemoglobin production and cause nutritional anemia.</p>	

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	<p>This is not clear in the introduction, both the concepts are mixed up.</p> <p>“Food intake correlation with iron intake and if iron intake is insufficient, it can disrupt red blood cell production and cause anemia”. It is not only iron but other factors like folate and B12 that can cause nutritional anemia. Does this study want to include only Iron deficiency anemia?</p> <p>2. The title of the manuscript needs to be altered and so does the Aim of the study depending on what one had planned to find out. Re title as ‘ Iron intake and Hemoglobin levels’</p> <p>3. “Anemia is directly influenced by daily consumption of food that does not contain iron. In general, food consumption is closely related to nutritional status. If the food consumed has good value, then the nutritional status will also be good; conversely, if it lacks nutritional value, it will cause malnutrition and can cause anemia”.[3]. Iron deficiency and malnutrition are very different but closely related entities, so do not equate iron deficiency with malnutrition and bring in malnutrition into this discourse!</p> <p>4. ‘Consumption patterns can be determined by nutritional status. Besides food, blood loss also influences anemia, both cyclically and menstrually. The younger a woman, the shorter the cycle, the longer the duration, and the greater the blood loss, causing their iron stores to be depleted and depleted.[4].’ Nutritional status can generally be determined by consumption patterns ,not the other way around. The next sentence is jumbled, kindly decipher it.</p> <p>5. Material and Methods: has to be written completely in the past tense. Here, there is a mix of future and past tense. Details of what Laboratory tests for Hemoglobin estimation were done is required. Were B12 /folate levels/ferritin levels estimated as well? How was the sample size of 72 students arrived at?</p> <p>6. Since there are more number of female students than men, it would be interesting to know if anemia was more among women students. One cannot be simplistic and attribute iron deficiency anemia to food intake since there are double the number of women candidates and anemia could be attributed to loss from menstrual cycles as well. This should be overcome with special analysis limiting confounding factors.</p> <p>7. Table 5 should be redone so as to make more sense.</p> <p>8. all old references need to be replaced with more references after 2019 as anemia is a rapidly evolving topic.</p> <p>9. Kindly attach the sample questionnaire for review.</p>	
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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>	

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