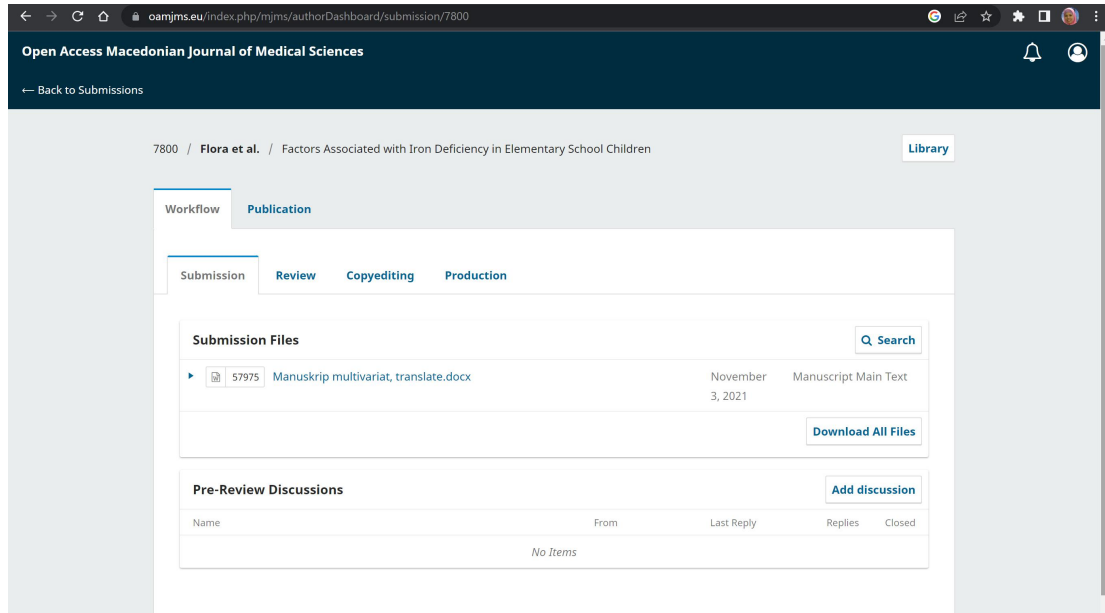


Bukti corresponding author artikel **Factors Associated with Iron Deficiency in Elementary School Children.**

1. Submit jurnal



The screenshot shows the submission dashboard for the Open Access Macedonian Journal of Medical Sciences. The page title is "7800 / Flora et al. / Factors Associated with Iron Deficiency in Elementary School Children". The dashboard is divided into two main sections: "Submission Files" and "Pre-Review Discussions".

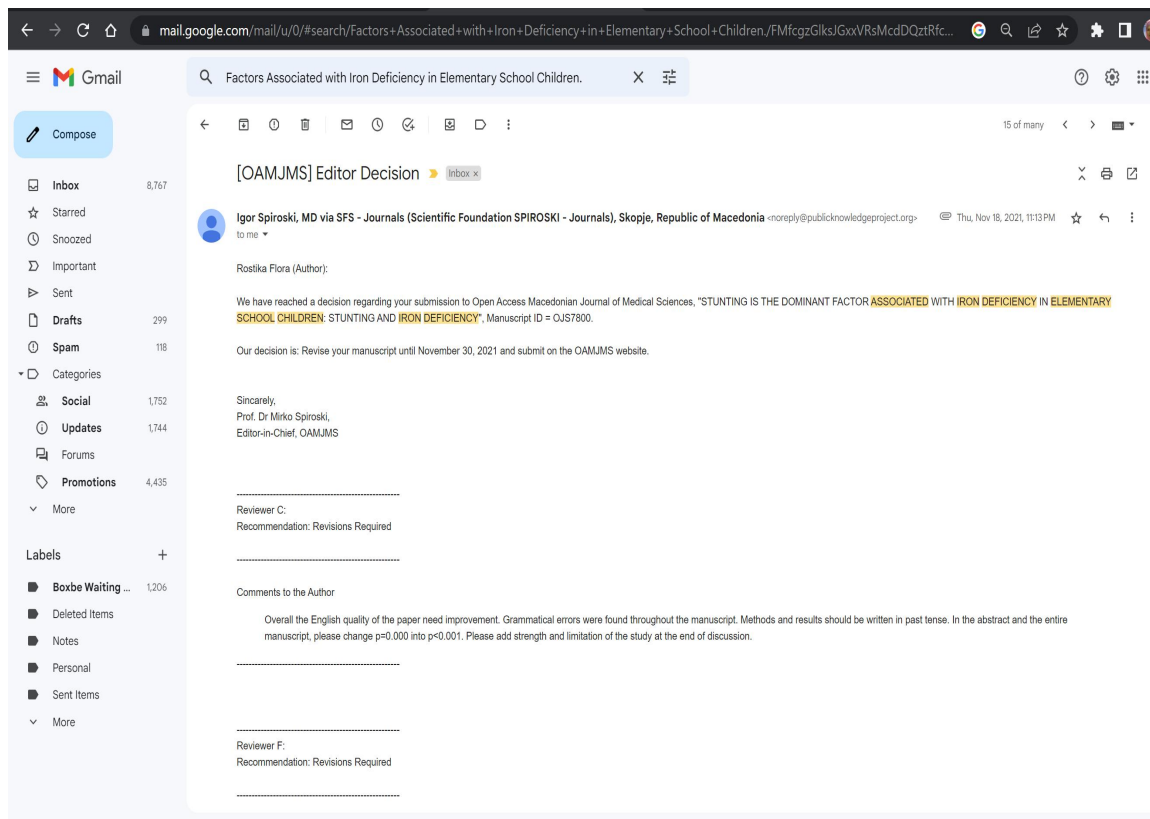
Submission Files:

File Name	Date	Type
Manuskrip multivariat, translate.docx	November 3, 2021	Manuscript Main Text

Pre-Review Discussions:

Name	From	Last Reply	Replies	Closed
No Items				

2. Review jurnal



The screenshot shows an email from Igor Spiroski, MD, via SFS - Journals (Scientific Foundation SPIROSKI - Journals), Skopje, Republic of Macedonia. The email is titled "[OAMJMS] Editor Decision" and is addressed to Rostika Flora (Author).

The email content is as follows:

We have reached a decision regarding your submission to Open Access Macedonian Journal of Medical Sciences, "STUNTING IS THE DOMINANT FACTOR ASSOCIATED WITH IRON DEFICIENCY IN ELEMENTARY SCHOOL CHILDREN: STUNTING AND IRON DEFICIENCY", Manuscript ID = OJS7800.

Our decision is: Revise your manuscript until November 30, 2021 and submit on the OAMJMS website.

Sincerely,
Prof. Dr. Mirko Spiroski,
Editor-in-Chief, OAMJMS

Reviewer C:
Recommendation: Revisions Required

Comments to the Author

Overall the English quality of the paper need improvement. Grammatical errors were found throughout the manuscript. Methods and results should be written in past tense. In the abstract and the entire manuscript, please change $p=0.000$ into $p<0.001$. Please add strength and limitation of the study at the end of discussion.

Reviewer F:
Recommendation: Revisions Required

mail.google.com/mail/u/0/#search/Factors+Associated+with+Iron+Deficiency+in+Elementary+School+Children/FMfcgzGksJGxvRsmcdDQztRfc...

Factors Associated with Iron Deficiency in Elementary School Children.

Comments to the Author

THERE ARE SOME MINOR CORRECTIONS FOR ARTICLE IMPROVEMENTS.

- In Background section :
 - In paragraph 2, it is written "~~iron deficiency can be followed by the absence of a decrease in hemoglobin levels.~~" It's better if this sentence is omitted.
 - In paragraph 2, it is written "~~but plasma ferritin levels and plasma transferrin saturation levels decrease~~". The word "~~plasma~~" be changed to "~~serum~~"
 - In paragraph 2, it is written "~~namely iron deficiency accompanied by a decrease in hemoglobin levels or iron deficiency anemia~~". I think the red sentence be omitted
 - In paragraph 2, it is written "~~According to Miniero et al (2018), 30% of cases of iron deficiency that are not treated will develop into deficiency anemia. iron.~~⁵ I think the red colored (~~deficiency anemia. iron~~) be changed to ~~iron deficiency anemia~~
 - In paragraph 3, the last sentence, it is written "~~iron deficiency cognitive function test scores and low learning achievement test.~~⁷". I think the sentence incomplete. Make more clearly.
 - In paragraph 5, it is written "~~37.4% of children had anemia. Iron deficiency~~". I think the sentence is "~~37.4% of children had iron deficiency anemia~~".
- In Method section :
 - The first sentence is written The design of this study was cross-sectional, with a sample of ~~elementary school children~~ aged 9-12 years in Tuah Negeri District. I think the age of the ~~children~~ is 7-12 years old.
- In Results section :
 - In Table 3 it is written : "~~>10 14 years~~". I think the true one is ~~>10-12 years~~.
- In Discussion section :
 - In paragraph 1, it is written "~~Most vegetables' moderate and iron~~, especially those containing high oxalic acid, such as spinach, have low biological availability." I think the red colored (~~moderate and iron~~) be change to "~~moderate in iron~~"

2 Attachments • Scanned by Gmail

RESPONSE TO EDITOR and AUTHOR "58090"

THERE ARE SOME MINOR CORRECTIONS FOR ARTICLE IMPROVEMENTS.

- In Background section :
 - In paragraph 2, it is written "~~Iron deficiency can be followed by the absence of a decrease in hemoglobin levels.~~" It's better if this sentence is omitted.
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 - In paragraph 1, it is written "~~Most vegetables' moderate and iron~~, especially those containing high oxalic acid, such as spinach, have low biological availability." I think the red colored (~~moderate and iron~~) be change to "~~moderate in iron~~"

there is an imbalance between intake and needs, there will be iron deficiency. ~~Iron deficiency can be followed by the absence of a decrease in hemoglobin levels.~~ Anemia does not occur at this stage, but ~~plasma ferritin levels and plasma transferrin saturation levels decrease.~~ If this condition is not overcome, it will continue to the next stage, namely ~~iron deficiency accompanied by a decrease in hemoglobin levels or~~ iron deficiency anemia.⁴ According to Miniero et al (2018), 30% of cases of iron deficiency that are not treated will develop into ~~deficiency anemia iron.~~⁵

Iron deficiency anemia results in not optimal cognitive development. It is difficult to concentrate, so that children's learning achievement will decrease. The brain requires a lot of iron because the oxidation metabolism that occurs in the brain is higher than in other organs. Therefore, iron must be transferred to brain cells with good regulation because iron availability is very influential on brain function.⁶ ~~Iron deficiency cognitive function test scores and low learning achievement test.~~⁷

The prevalence of anemia in school children in Indonesia is still relatively high. In addition to behavior and diets that are low in iron sources, the problem of poverty, which generally occurs in rural and or mountainous areas, is a contributing factor to the high rate of iron deficiency anemia.⁸ The results of Riskesdas 2013 show iron deficiency anemia in school-age children in rural areas by 31%.³

The results of the research by Flora et al (2019) regarding the distribution of stages of iron deficiency anemia in elementary school children in Tuah Negeri District found that 15.4% of children had anemia without iron deficiency, 33% of children had iron deficiency, ~~37.4% of children had anemia. Iron deficiency~~ and only 14.3% of children did not have iron deficiency or iron-deficiency anemia. Many factors cause iron deficiency and iron-deficiency anemia.⁹ This study aims to analyze the dominant factors causing iron deficiency in elementary school children in Tuah Negeri District.

USER
This sentence be omitted

USER
Plasma be changed to serum

USER
This sentence be omitted

USER
It will be "iron deficiency anemia"

USER
Be detailed

USER
I think this is iron deficiency anemia

Page: 2/7 Section: 1/1 SetValue: 1m Row: 1 Column: 1 Words: 2578

The results of the research by Flora et al (2019) regarding the distribution of stages of iron deficiency anemia in elementary school children in Tuah Negeri District found that 15.4% of children had anemia without iron deficiency, 33% of children had iron deficiency, ~~37.4% of children had anemia. Iron deficiency~~ and only 14.3% of children did not have iron deficiency or iron-deficiency anemia. Many factors cause iron deficiency and iron-deficiency anemia.⁹ This study aims to analyze the dominant factors causing iron deficiency in elementary school children in Tuah Negeri District.

USER
I think this is iron deficiency anemia

Method

The design of this study was cross-sectional, with a sample of elementary school children aged ~~9-12 years~~ in Tuah Negeri District. Previously, blood was taken for measurement of serum iron. Measurement of serum iron levels was carried out by the spectrophotometric method. Based on the results of iron measurements, children are grouped into 2 groups, namely iron deficiency and normal. Each group consists of 85 children, and the total sample is 170 children.

Furthermore, data on child characteristics (age, gender, nutritional status) and parental characteristics (education, occupation, and economic status) were collected. Measurement of nutritional status based on TB/U, Z-score was calculated using Anthro 1.02 software. The measurement results were categorized into stunting and normal. Data were analyzed univariate, bivariate, and multivariate using SPSS version 22. This study has received ethical approval from the Ethics Commission of the Faculty of Public Health, Sriwijaya University. 170/UN9.1.10/KKE/2021.

Results

Data on the characteristics of children and parents (Table 1) shows that 60% of children aged >10 – 12 years, 54.1% are female, and 23.5% of children are stunted. Data on the

USER
7-12 years

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1 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53

Table 2. Relationship between Child Characteristics and Serum Iron Status

No.	Children Characteristics	Serum Iron Status				P
		Deficiency		Normal		
		n	%	n	%	
1.	Age a. 7 -10 Year b. >10-14 Year	33	48.5	35	51.5	0.754
2.	Gender a. Male b. Female	34	43.6	44	56.4	0.124
3.	Mother's Education a. Low b. High	62	53.9	53	46.1	0.140
4.	Mother's Occupation a. Employed b. Unemployed	13	48.1	14	51.9	0.834
5.	Father's Education a. Low b. High	64	50.8	62	49.2	0.726
6.	Father's Occupation a. Farmer b. Not Farmer	49	52.1	45	47.9	0.537
7.	Economic Status a. Low b. High	56	60.2	37	39.8	0.003
8.	Nutritional Status a. Stunting b. Normal	33	82.5	7	17.5	0.000

USER >10-12 Year

Value: 10 Row: 1 Column: 1 Words: 2578 Spell Check

Rostika Flora (Author):

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Editor-in-Chief, OAMJMS

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Recommendation: Revisions Required

Comments to the Author

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Submission **Review** Copyediting Production

Round 1 **Round 2**

Round 2 Status
Submission accepted.

Notifications

[OAMJMS] Editor Decision	2021-11-18 08:12 AM
[OAMJMS] Editor Decision	2021-12-12 06:11 AM
[OAMJMS] Editor Decision	2021-12-29 01:15 PM

Reviewer's Attachments Q Search

No Files

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Review Discussions Add discussion

Name	From	Last Reply	Replies	Closed
[OAMJMS] Regular Publication Fee	admin	-	0	<input type="checkbox"/>
	2021-12-12 06:10 AM			
▶ Regular Publication Fee	rostikaflo	mspiroski	1	<input type="checkbox"/>
	2021-12-19 04:25 PM	2021-12-22 09:48 PM		

3. Published

The screenshot shows a Gmail interface with a search bar at the top containing the text "Factors Associated with Iron Deficiency in Elementary School Children". The left sidebar lists various email folders: Compose, Inbox (8,767), Starred, Snoozed, Important, Sent, Drafts (299), Spam (118), Categories (Social: 1,752, Updates: 1,744, Forums, Promotions: 4,435, More), Labels (Boxbe Waiting...: 1,206, Deleted Items, Notes, Personal, Sent Items, More).

The main email content is as follows:

[OAMJMS] Your Article was Published Inbox x

MSc, Eng Ivo Spiroski via SFS - Journals (Scientific Foundation SPIROSKI - Journals), Skopje, Republic of Macedonia <noreply@publicknowledgeproject.org> Fri, Feb 4, 2022, 6:01 PM ☆ ↶ ⋮
to me ▾

Dear Rostika Flora,

Please note that your paper "Factors Associated with Iron Deficiency in Elementary School Children", was published in Open Access Maced J Med Sci (OAMJMS).
DOI: <https://doi.org/10.3889/oamjms.2021.7800>

Username: Rostika Flora

Thank you for your fine contribution. On behalf of the Editors of the Open Access Macedonian Journal of Medical Sciences, we look forward to your continued contributions to the Journal.

Cordially,
Prof. Dr Mirko Spiroski,
Editor-in-Chief

MSc Ivo Spiroski, Engineer of Interior Design, ID Design 2012, Skopje Naroden Front 13/45, 1000 Skopje, Republic of Macedonia

At the bottom of the email, there are two buttons: "Reply" and "Forward".