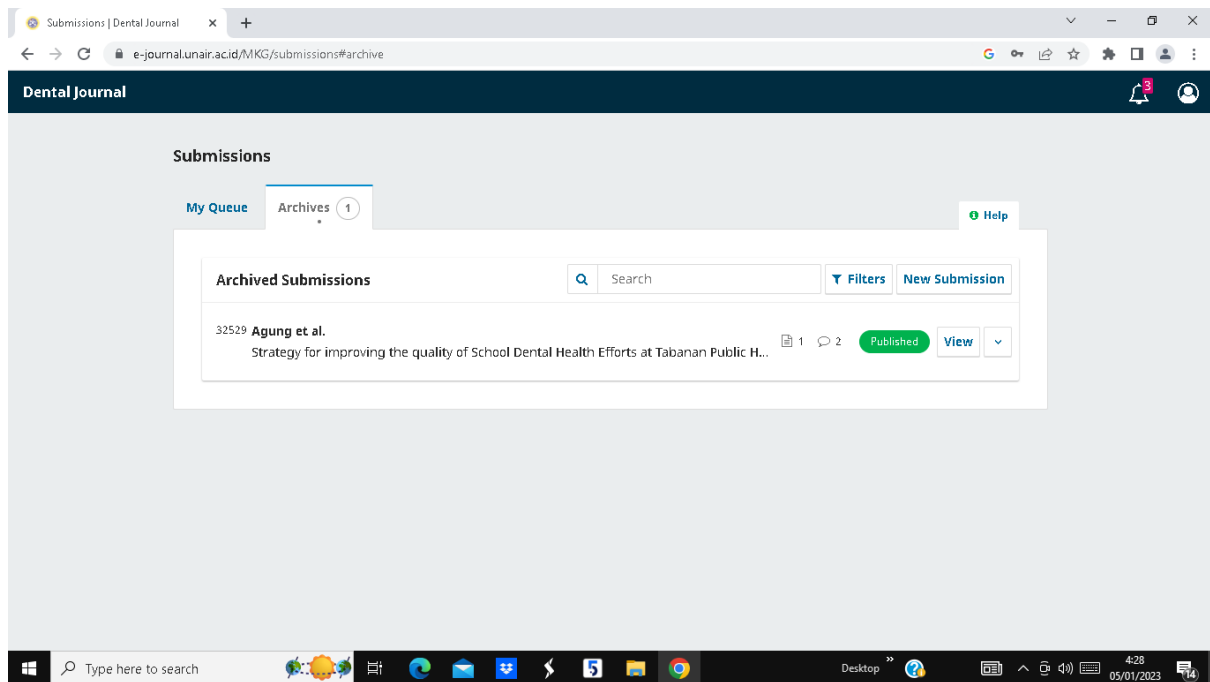


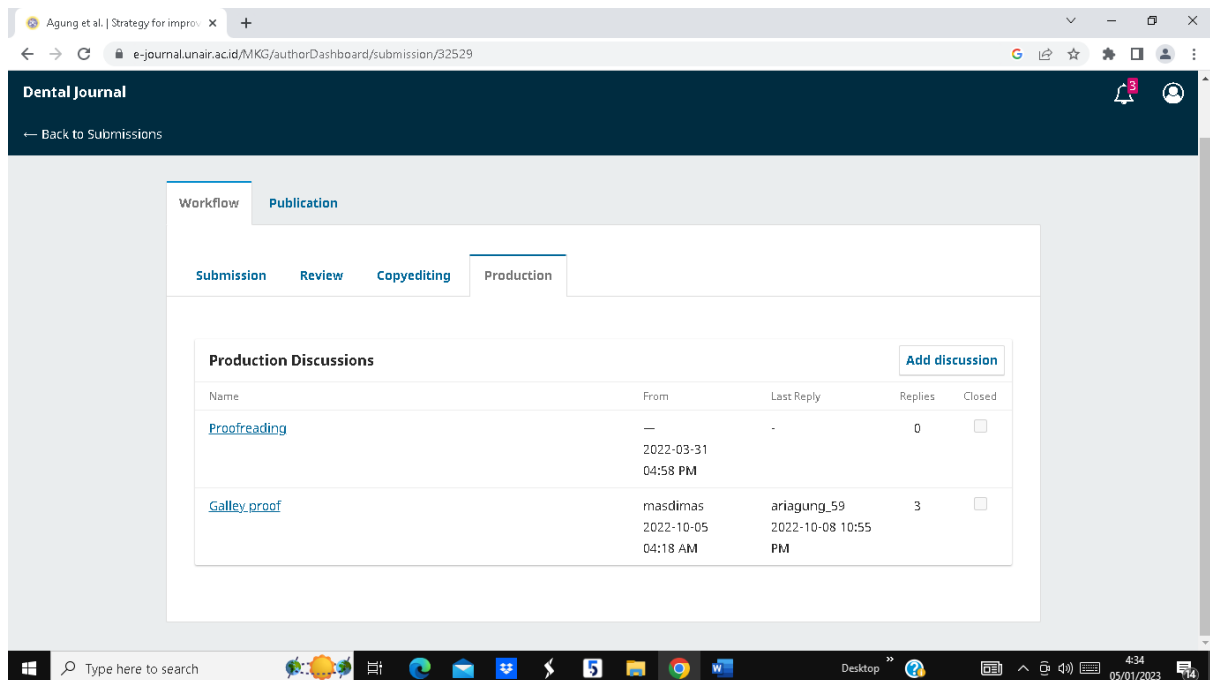
Bukti Korespondensi dengan Dental Journal (Majalah Kedokteran Gigi)

Dr. Ir. I Gusti Ayu Ari Agung, M.Kes.

Archived Submission



Production Discussion, proofreading, 31 Maret 2022 (MKG)



Response letter 2 April 2022

Dear Editor of DJMKG,

Thank you for giving me the opportunity to submit a revised draft of my manuscript titled **Strategy for improving the quality of School Dental Health Efforts (UKGS) at Tabanan Public Health Center (Puskesmas)** to Dental Journal (Majalah Kedokteran Gigi). We appreciate the time and effort that you and the reviewers have dedicated to providing your valuable feedback on my manuscript. We are grateful to the reviewers for their insightful comments on my paper. We have been able to incorporate changes to reflect most of the suggestions provided by the reviewers. We have highlighted the changes within the manuscript.

Here is a point-by-point response to the reviewers' comments and concerns.

No.	Reviewer comments	Before revision	Revision	Notes
Revision-1				
Reviewer 1 (RV1)				
1.	Commented [d1]: "Spearhead" Should be written as "Flagship Program"	spearhead	Flagship program	Page:1 Paragraph:1
2.	Commented [d2]: "three element" Should be written as "three man stakeholders"	Puskesmas, schools and parents	Puskesmas, schools and parents	Page: 1 Paragraph: 1
3.	Commented [d3]: What do researcher mean with "encouraging and inhibiting". Is it true that "Parent, shool and Puskesmas inhibit UKGS? Commented [d4]: You have two	Encouraging and inhibiting	driving force, and restraining force	Page: 1 Paragraph: 1
4.	Commented [d4]: You have two key words which don't have consistency: "encouraging and inhibiting" and "motivating and inhibiting". Which one is suitable with Kurt Lewin's Force Field Analysis theory?	motivating and inhibiting	driving force to change, and restraining force to change	Page: 1 Paragraph: 1
5.	Commented [d5]: In Kurt Lewin's theory the name is "Force Field Analysis", it's not "Strength Field Analysis"	Strength Field Analysis	Force Field Analysis	Page: 1 Paragraph: 1
6.	Commented [d6]: In Kurt Lewin's Force field Analysis, they use terms "Driving Force to Change and Restraining Force to change". You use term "Driving Factor and inhibiting factor". Which theory actually you choose as a basic theory in your research methods?	Kurt Lewin's <u>Strength</u> field Analysis	Kurt Lewin's <u>Force</u> field Analysis	Page: 1 Paragraph: 1

Copy Editing Discussions 10 April 2022

The screenshot shows the author dashboard for 'Dental Journal'. The breadcrumb trail is '32529 / Agung et al. / Strategy for improving the quality of School Dental Health Efforts at Tabanan Public Health Center'. The 'Publication' tab is active, with sub-tabs for 'Submission', 'Review', 'Copyediting', and 'Production'. The 'Copyediting' sub-tab is selected, displaying a table of discussions. An 'Add discussion' button is in the top right of the table area. The table has columns for Name, From, Last Reply, Replies, and Closed. Two discussions are listed: one from 'Copyediting' on 2022-03-31 04:58 PM with 0 replies, and another from 'ariagung_59' on 2022-10-04 04:42 AM with 0 replies. The Windows taskbar at the bottom shows the date as 05/01/2023.

Name	From	Last Reply	Replies	Closed
Copyediting	—	2022-03-31 04:58 PM	0	<input type="checkbox"/>
=	ariagung_59	2022-10-04 04:42 AM	0	<input type="checkbox"/>

Review Discussions, 27 April 2022

The screenshot shows the author dashboard for 'Dental Journal'. The breadcrumb trail is '32529 / Agung et al. / Strategy for improving the quality of School Dental Health Efforts at Tabanan Public Health Center'. The 'Publication' tab is active, with sub-tabs for 'Submission', 'Review', 'Copyediting', and 'Production'. The 'Review' sub-tab is selected, displaying a table of reviews. A 'Round 4 Status' box indicates 'Submission accepted.' Below this, the 'Notifications' section shows a notification for 'IDJMKGI Editor Decision' dated 2022-04-27 01:45 AM. The Windows taskbar at the bottom shows the date as 05/01/2023.

Round 1	Round 2	Round 3	Round 4

Round 4 Status
Submission accepted.

Notifications

[IDJMKGI Editor Decision](#) 2022-04-27 01:45 AM

Review's Attachments

Agung et al. | Strategy for improv... x

e-journal.unair.ac.id/MKG/authorDashboard/submission/32529

Dental Journal

← Back to Submissions

[\[DJMKG\] Editor Decision](#) 2022-04-27 01:45 AM

[\[DJMKG\] Editor Decision](#) 2022-06-10 01:19 AM

[\[DJMKG\] Editor Decision](#) 2022-09-27 02:06 AM

Reviewer's Attachments [Search](#)

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Revisions [Search](#) [Upload File](#)

▶ [171985](#) [ARI A_ REVISI 5_Dental J Unair_11April 2022.docx](#) September 27, 2022 Article Text

Review Discussions [Add discussion](#)

Name	From	Last Reply	Replies	Closed
▶ Editor Decision	ariagung_59 2022-02-17 03:02	ariagung_59 2022-03-22 02:50	1	<input type="checkbox"/>

Agung et al. | Strategy for improv... x

e-journal.unair.ac.id/MKG/authorDashboard/submission/32529

Dental Journal

← Back to Submissions

Reviewer's Attachments [Search](#)

No Files

Revisions [Search](#) [Upload File](#)

▶ [171985](#) [ARI A_ REVISI 5_Dental J Unair_11April 2022.docx](#) September 27, 2022 Article Text

Review Discussions [Add discussion](#)

Name	From	Last Reply	Replies	Closed
▶ Editor Decision	ariagung_59 2022-02-17 03:02 AM	ariagung_59 2022-03-22 02:50 AM	1	<input type="checkbox"/>
Editor Decision: third revision required	masdimas 2022-04-27 01:46 AM	masdimas 2022-06-03 12:35 AM	2	<input type="checkbox"/>

Submission Files, 3 Januari 2022 (MKG)

The screenshot shows the 'Submission Files' section of the Dental Journal submission dashboard. The page is titled '32529 / Agung et al. / Strategy for improving the quality of School Dental Health Efforts at Tabanan Public Health Center'. The 'Publication' tab is selected, and the 'Submission Files' section is active. It displays a table of files with columns for file ID, name, date, and type. The files listed are: 'admin, ARTICLE UKGS _Panji_Ari Agung_FKG Unmas.docx' (January 3, 2022, Article Text), 'copyright transfer agreement' (January 3, 2022, Other), and 'Untitled' (January 3, 2022, Research Instrument). A 'Download All Files' button is at the bottom right of the table. The browser address bar shows the URL: 'http://e-journal.unair.ac.id/MKG/authorDashboard/submission/32529#publication'.

File ID	File Name	Date	Type
129451	admin, ARTICLE UKGS _Panji_Ari Agung_FKG Unmas.docx	January 3, 2022	Article Text
129459	copyright transfer agreement	January 3, 2022	Other
129460	Untitled	January 3, 2022	Research Instrument

Publication (MKG)

The screenshot shows the 'Publication' page of the Dental Journal submission dashboard. The page is titled '32529 / Agung et al. / Strategy for improving the quality of School Dental Health Efforts at Tabanan Public Health Center'. The 'Publication' tab is selected, and the 'Status: Published' is displayed. A red banner message states: 'This version has been published and can not be edited.' The 'Title & Abstract' section is active, showing the 'Title' field with the text 'Strategy for improving the quality of School Dental Health Efforts at Tabanan Public Health Center'. The 'Prefix' field is empty, and the 'Subtitle' field is also empty. The 'Contributors' field is empty. The 'Metadata' field is empty. The 'References' field is empty. The 'Galley' field is empty. The browser address bar shows the URL: 'http://e-journal.unair.ac.id/MKG/authorDashboard/submission/32529#publication'.

Status: Published

This version has been published and can not be edited.

Title & Abstract

Contributors

Metadata

References

Galley

Prefix

Examples: A, The

Title

Strategy for improving the quality of School Dental Health Efforts at Tabanan Public Health Center

Subtitle

Submission Acknowledgement

3 Januari 2022

The screenshot shows a Gmail interface with a search bar containing 'dental_journal@fkg.unair.ac.id'. The email list shows one email from 'Dental Journal (Majalah Kedokteran Gigi)' with the subject '[DJMKG] Submission Acknowledgement'. The email content includes a thank you message from I Gusti Ayu Ari Agung, a manuscript URL, and a username.

mail.google.com/mail/u/0/?tab=rm&ogbl#search/dental_journal%40fkg.unair.ac.id/FMfcgzGmTFJRCxCnVBRhgwQbRSNRcttV

Gmail

Search: dental_journal@fkg.unair.ac.id

Back Archive Spam Delete Mark as unread Snooze Add to tasks Move to Inbox Labels More 22 of 22

[DJMKG] Submission Acknowledgement External Inbox x

Muhammad Dimas Aditya Ari <dental_journal@fkg.unair.ac.id> Mon, Jan 3, 2022, 7:03 PM ☆ Reply

I Gusti Ayu Ari Agung:

Thank you for submitting the manuscript, "Strategy for improving the quality of School Dental Health Efforts (UKGS) at Tabanan Public Health Center (Puskesmas)" to Dental Journal (Majalah Kedokteran Gigi). With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Manuscript URL: <https://e-journal.unair.ac.id/MKG/author/submission/32529>
Username: ariagung_59

If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Muhammad Dimas Aditya Ari
Dental Journal (Majalah Kedokteran Gigi)

Dental Journal (Majalah Kedokteran Gigi)
<https://e-journal.unair.ac.id/MKG>

Submission Letter

4 Januari 2022

The screenshot shows a Gmail interface with a search bar containing 'dental_journal@fkg.unair.ac.id'. The email list shows one email from 'Dental Journal (Majalah Kedokteran Gigi)' with the subject 'Submission letter'. The email content includes a thank you message from I Gusti Ayu Ari Agung, a strategy for improving the quality of School Dental Health Efforts (UKGS) at Tabanan Public Health Center (Puskesmas), and a list of authors.

mail.google.com/mail/u/0/?tab=rm&ogbl#search/dental_journal%40fkg.unair.ac.id/FMfcgzGmTFJRCxCnVBRhgwQbRSNRcttV

Gmail

Search: dental_journal@fkg.unair.ac.id

Back Archive Spam Delete Mark as unread Snooze Add to tasks Move to Inbox Labels More 21 of 22

Submission letter External Inbox x

Dental Journal (Majalah Kedokteran Gigi) <dental_journal@fkg.unair.ac.id> Tue, Jan 4, 2022, 8:54 AM ☆ Reply

Dear I Gusti Ayu Ari Agung

Thank you for your article submission to Dental Journal (Majalah Kedokteran Gigi) and we gladly inform you that your article:

Strategy for improving the quality of School Dental Health Efforts (UKGS) at Tabanan Public Health Center (Puskesmas).
Authors: I Gusti Ayu Ari Agung and I Nyoman Panji Triadnya Paigunadi

The article is under review according to the provisions of the issuance of the Dental Journal (Majalah Kedokteran Gigi). Certainty of revision or rejection of the article will be notified approximately one month after this notification.
If the article is accepted for publication the author is subject to administrative fees as follows:

1. Article processing charge of IDR 500,000 per article.
2. Proofreading fees of GBP 20* per 1000 words.

(*prices can change at any time, and the value of the rupiah follows the last exchange rate at that time and does not include transfer fee).

Thank you for considering this journal as a venue for your work.

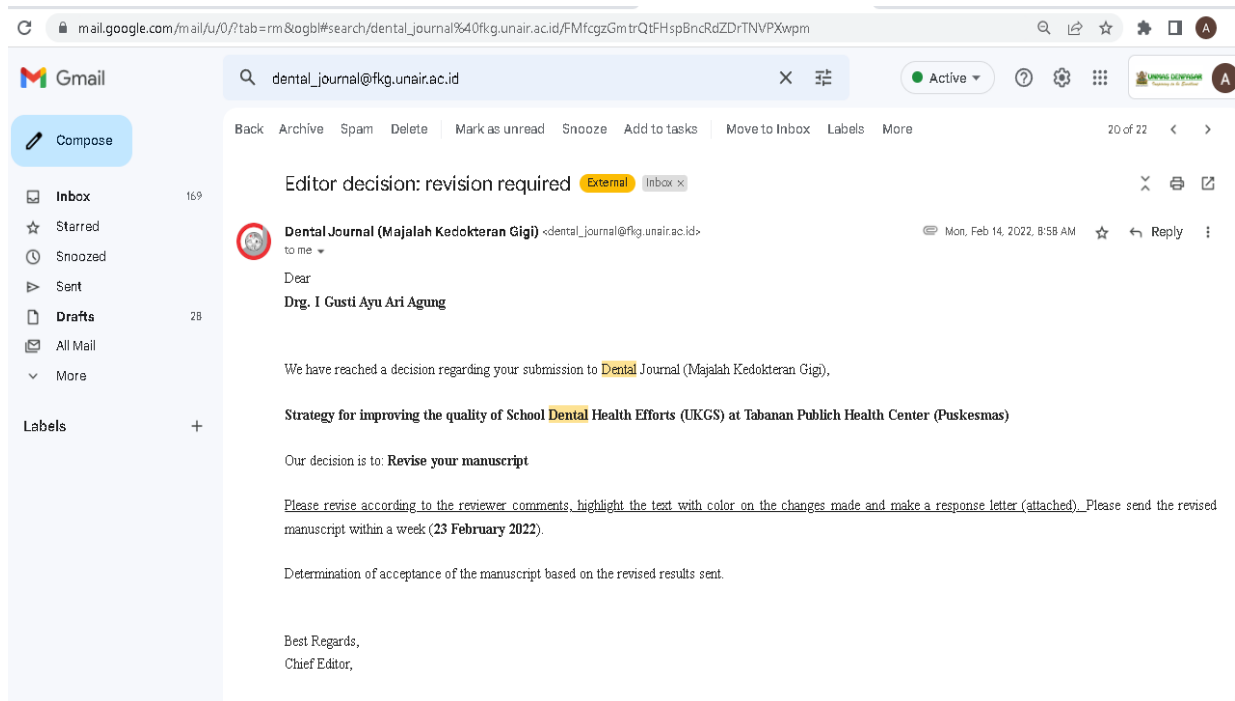
Best Regards,
Chief Editor,

Muhammad Dimas Aditya Ari, drg., M.Kes., Sp.Pro.
Dental Journal (Majalah Kedokteran Gigi)
<https://e-journal.unair.ac.id/MKG>

Faculty of Dental Medicine, Universitas Airlangga
Jl. Mayjen Prof. Dr. Moestopo 47 Surabaya 60132 INDONESIA

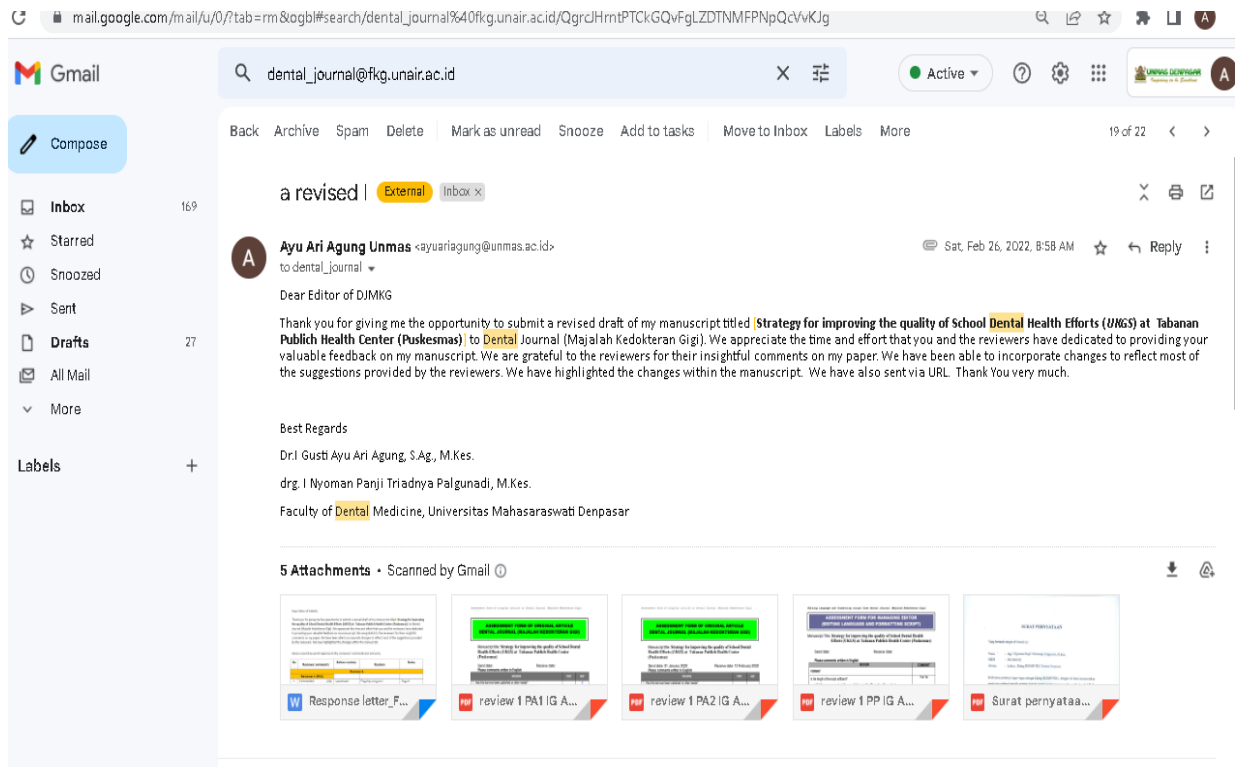
Editor decision: revision required

14 Februari 2022



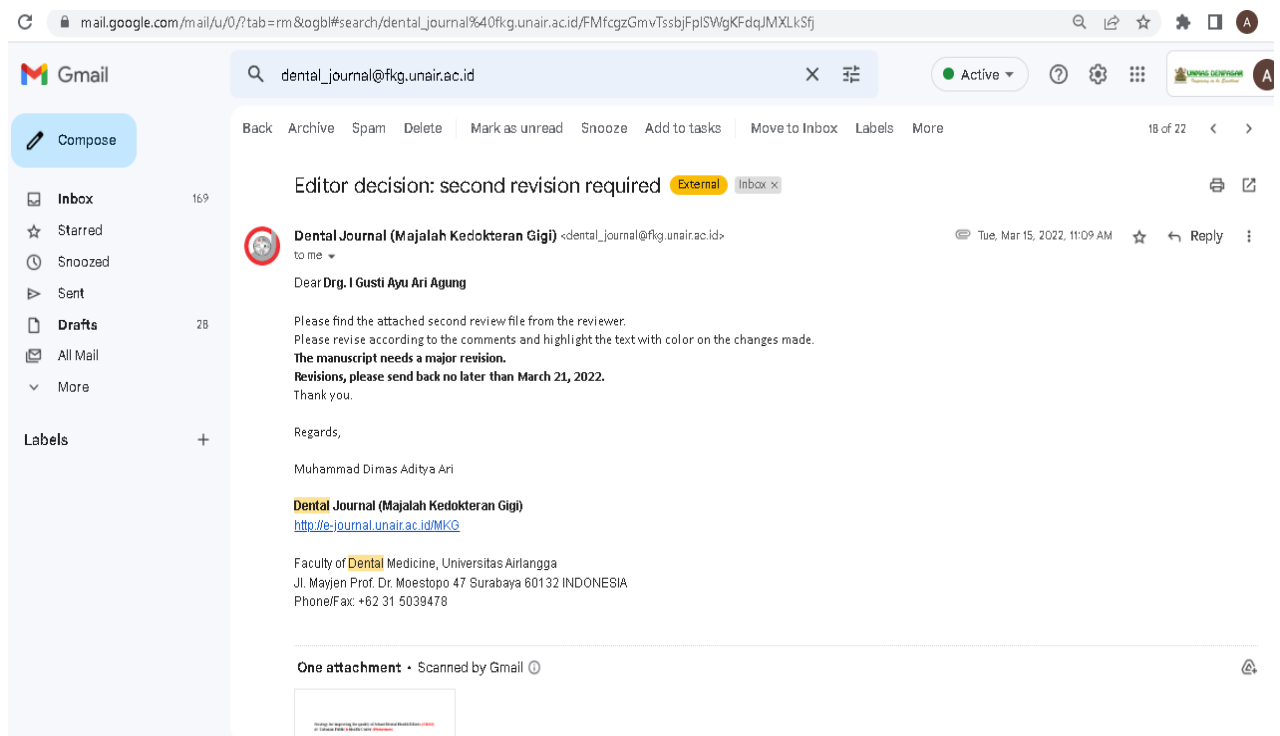
Revision

26 Februari 2022



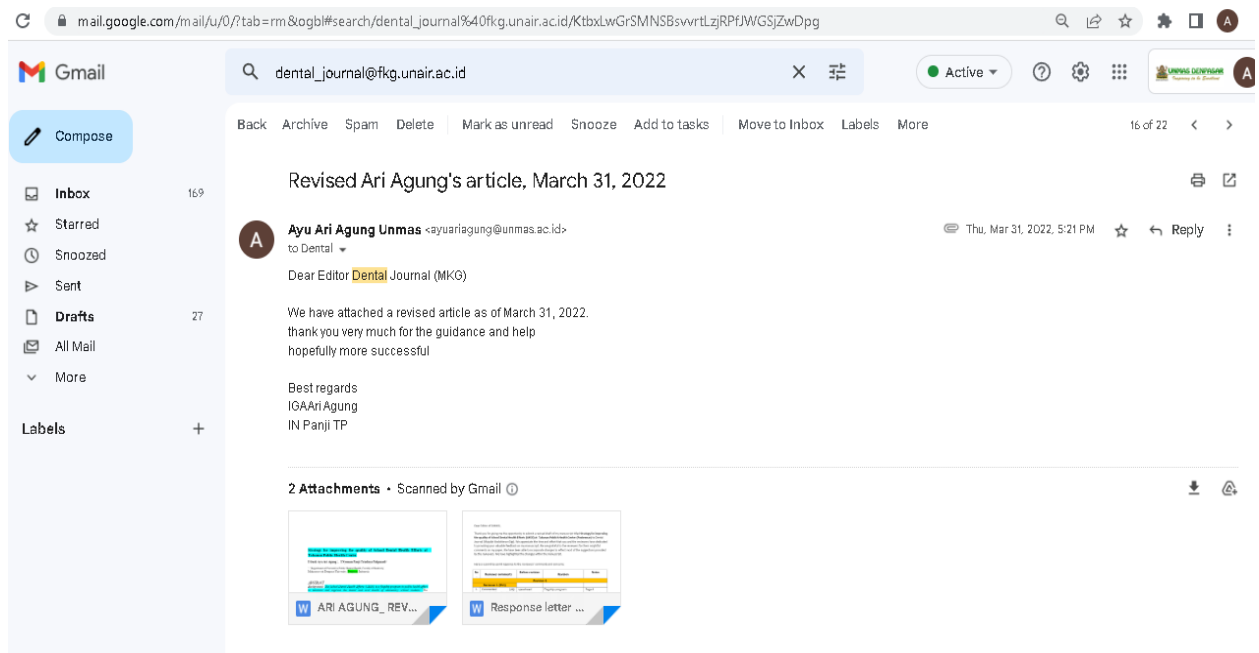
Editor decision: second revision required

15 Maret 2022



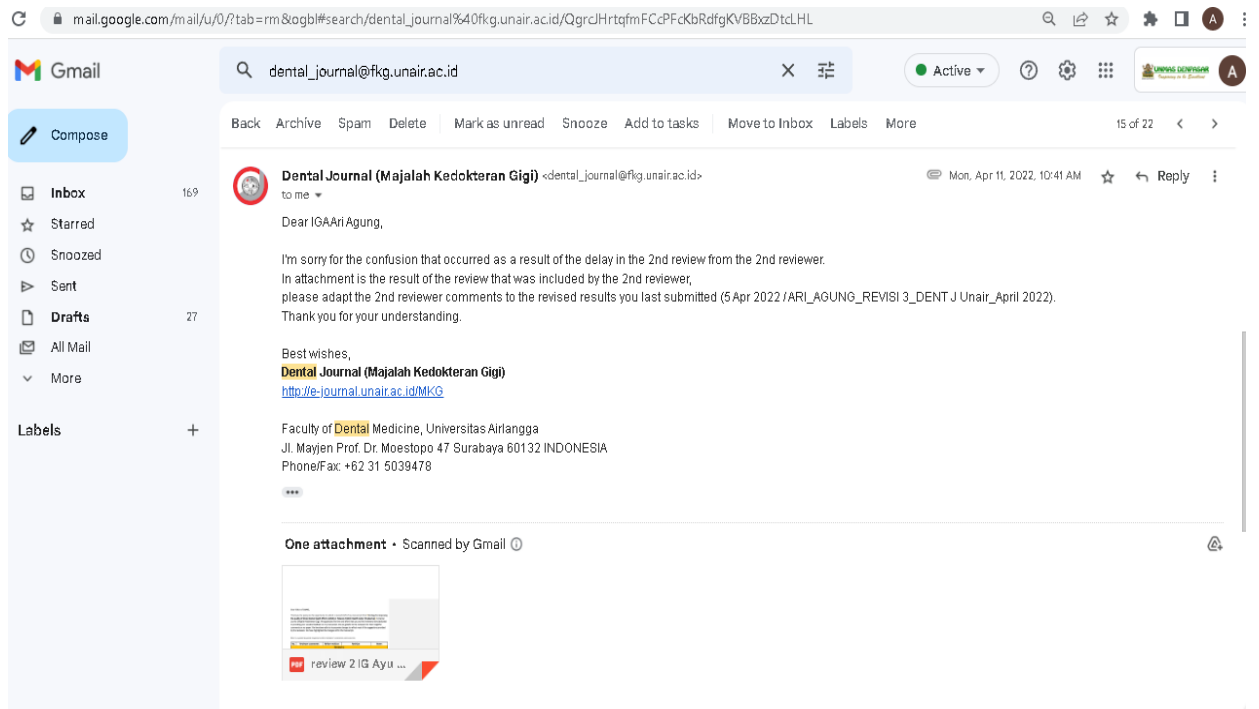
Second Revision

31 Maret 2022



Third Revision Required

11 April 2022



Third Revision

3 Mei 2022

☆ Starred

🕒 Snoozed

▶ Sent

📁 Drafts 27

📁 All Mail

▼ More

Labels +

A

Ayu Ari Agung Unmas <ayuariagung@unmas.ac.id>
to Dental

Tue, May 3, 2022, 6:16 PM

☆ ↩ Reply ⋮

Dear Editor of DJMKG,



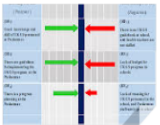
Happy Eid Al-Fitr, I wish **Dental** Journal and the Editorial Team more success.

Thank you for giving me the opportunity to submit a revised draft of my manuscript titled **Strategy for improving the quality of School Dental Health Efforts at Tabanan Public Health Center** to **Dental** Journal (Majalah Kedokteran Gigi). We appreciate the time and effort that you and the reviewers have dedicated to providing your valuable feedback on my manuscript. We are grateful to the reviewers for their insightful comments on my paper. We have been able to incorporate changes to reflect most of the suggestions provided by the reviewers. We have highlighted the changes within the manuscript.

Best Regards

I Gusti A Ari Agung
I N Panji TP

3 Attachments • Scanned by Gmail



Editor Decision: Editing is complete

27 September 2022

mail.google.com/mail/u/0/?tab=rm&ogbi#search/dental_journal%40fkg.unair.ac.id/FMfcgzGqQmMTWtJSfJRxrHFSJNqnzNj

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Search dental_journal@fkg.unair.ac.id

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11 of 22

[DJMKG] Editor Decision External Inbox x

Muhammad Dimas Aditya Ari <dental_journal@fkg.unair.ac.id>
to me, I

Tue, Sep 27, 2022, 9:06 AM

☆ ↩ Reply ⋮

Dear I Gusti Ayu Ari Agung, I Nyoman Panji Triadnya Palgunadi,

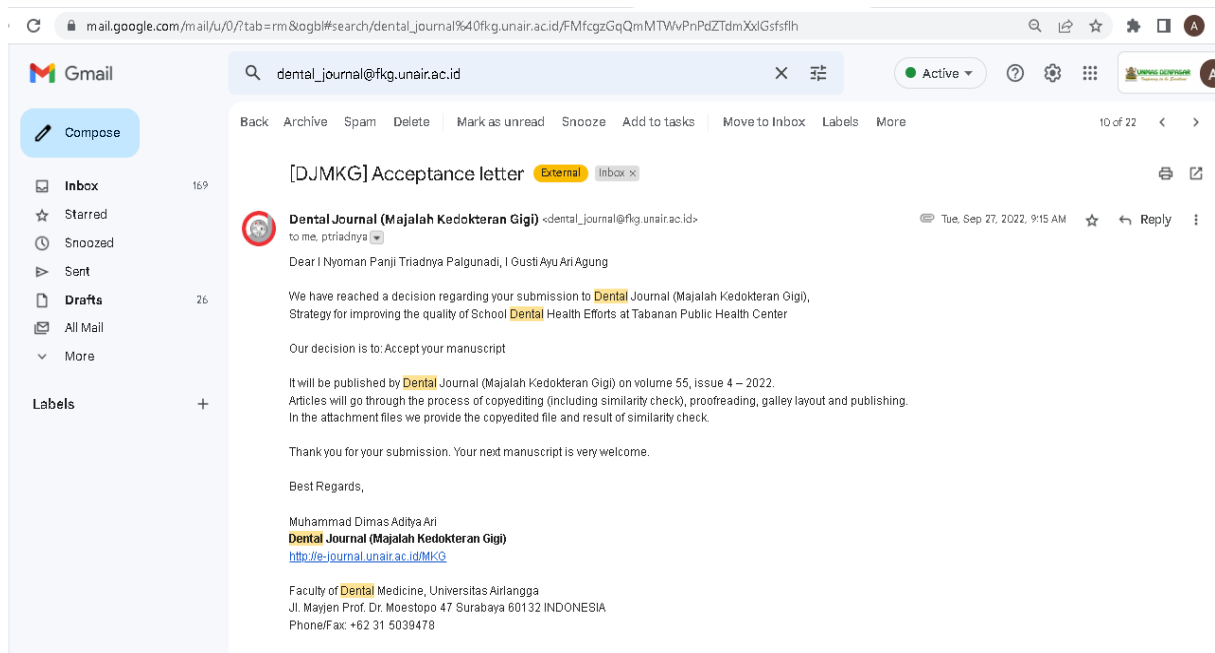
The editing of your manuscript submission, "Strategy for improving the quality of School Dental Health Efforts (UKGS) at Tabanan Public Health Center (Puskesmas)," is complete. We are now sending it to production.

Submission URL: <https://e-journal.unair.ac.id/MKG/authorDashboard/submission/32529>

Dental Journal (Majalah Kedokteran Gigi)
<https://e-journal.unair.ac.id/MKG>

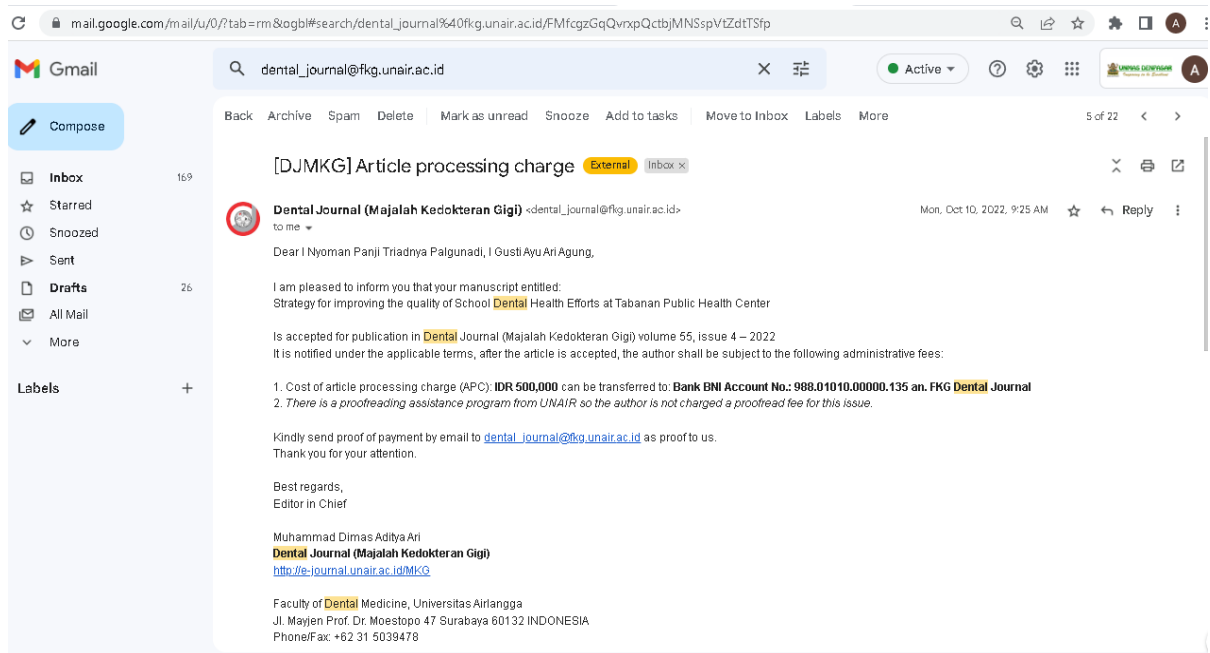
Acceptance Letter

27 September 2022



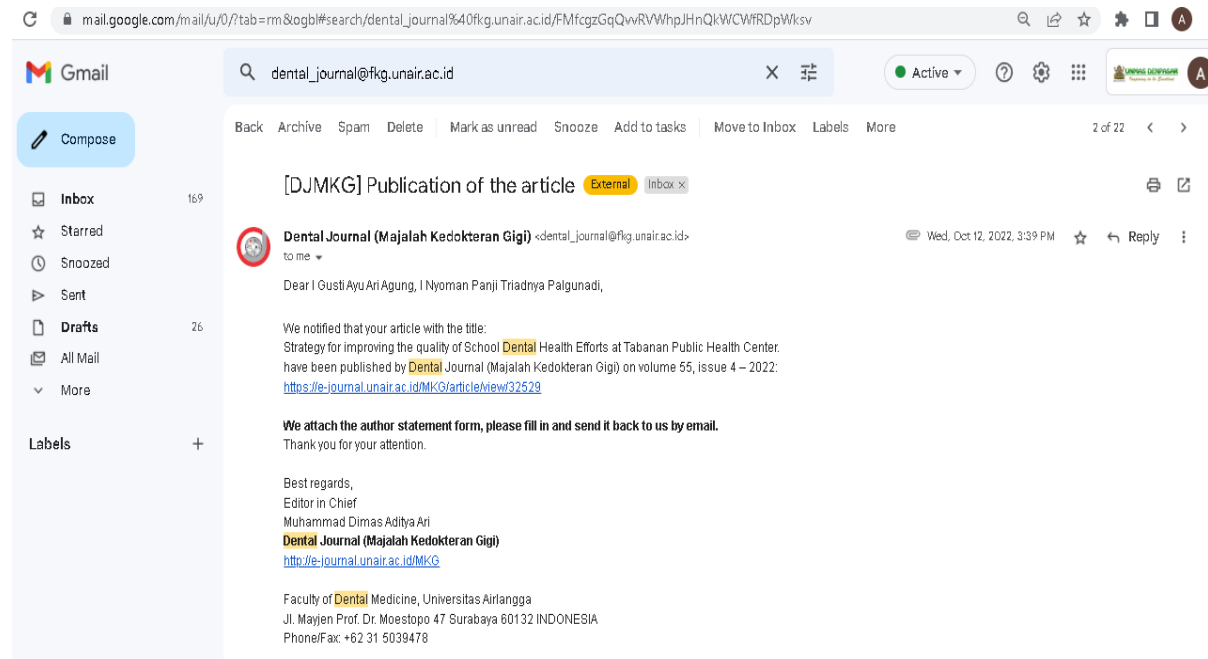
Article processing charge

10 Oktober 2022



Publication of the article

12 Oktober 2022



Dear Editor of DJMKG,

Thank you for giving me the opportunity to submit a revised draft of my manuscript titled **Strategy for improving the quality of School Dental Health Efforts at Tabanan Public Health Center** to Dental Journal (Majalah Kedokteran Gigi). We appreciate the time and effort that you and the reviewers have dedicated to providing your valuable feedback on my manuscript. We are grateful to the reviewers for their insightful comments on my paper. We have been able to incorporate changes to reflect most of the suggestions provided by the reviewers. We have highlighted the changes within the manuscript.

Here is a point-by-point response to the reviewers' comments and concerns.

No.	Reviewer comments	Before revision	Revision	Notes
Revision-5				
Managing Editor (ME)				
1.	Commented [DS1]: The authors have not addressed this question. The authors need to describe the condition in the location of the study (not only the general implementation of UKGS).		Tabanan Regency in Bali Province is one of the regencies in Indonesia that has a prevalence of dental caries experience that is higher than the national prevalence, which is 68,2%. To control dental and oral diseases by the Community Health Center (hence abbreviated as Puskesmas) through the actualization of the	Page: 2 Paragraph: 4

	Before then, the authors need to introduce UKGS. If there is no data currently available to give such a description, the authors can provide a reference from other areas, then identify the research /knowledge gap. Then, explain the significance of the study		<p>local School Dental Health Efforts (hence abbreviated as UKGS) for both examination and treatment of dental and oral diseases is still low. Public awareness of dental and oral health is also still low, so it is necessary to develop a health improvement system through counseling and improving the quality of services.⁵</p> <p>The results of the study on the implementation of UKGS at Puskesmas II North Denpasar in 2015, found only 5.3% of schools with active UKGS implementation. Dental and oral health for students in elementary schools with active UKGS are better than in elementary schools with inactive UKGS. Program UKGS in elementary schools should be given regularly so that elementary students have attitudes, knowledge, and behavior about good oral and dental health.⁹</p>	
2	Commented [DS2]: Rewrite the aim, so it is in line with the title	to propose the strategy/plan of action or to identify the driving and inhibiting factors	This study aims to formulate a strategy to improve the quality of UKGS at the Tabanan Puskesmas.	Page: 3 Paragraph: 3
3	Commented [DS3]: This is not the research gap	The Puskesmas program on UKGS was not yet optimal. This shows that the implementation of UKGS has not succeeded	it was found that most UKGS in the Tabanan district were not active. This is in accordance with the results of a study in Denpasar that more than 95% of UKGS were inactive,(9) and when the research was conducted it turned out that during the COVID-19 pandemic, the UKGS program could not be implemented. Student learning is done online, the results of the study state that this condition worsens the condition of students' sweet	Pages: 3 Paragraph: 2

			<p>snacks during the online learning process. This will increase the occurrence of caries in students. Therefore, dental and oral health education counseling through the UKGS online program is very much needed.</p> <p>Elementary school students (ages 6-12 years) are often referred to as a vulnerable period because the baby teeth begin to fall out one by one, and the first permanent growth begins. New teeth are immature and susceptible to decay</p>	
4	Commented [DS4]: There is still no ethical clearance number provided	-	<p>Ethics approval was obtained from the Ethics Review Board of the Faculty of Dentistry at Mahasaraswati Denpasar University (No.356/A.17.01/FKG-Unmas/III/2022).</p>	Page: 4 Paragraph: 1
5	Commented [DS5]: There was no quantitative methods here. How could it be called a mixed-method study?	A mixed-method study was carried out using the FFA regarding for improving the quality of UKGS in Puskesmas Tabanan, Bali in 2020.	A qualitative method study was carried out using the FFA regarding improving the quality of UKGS in Puskesmas Tabanan, Bali, in 2020.	Page: 4 Paragraph: 3
6	<p>Commented [DS6]: This is my additional comments</p> <p>The methods are still unclear</p> <p>(1) The results should be started with the characteristics of the respondents: How many schools were involved? How many respondents were included in each process of data collection and who are they?</p> <p>(2) It would be clearer if table 1 and table 2 is merged into one table.</p> <p>(3) The authors should have another table or a diagram to</p>	-	<p>(1) Tabanan regency is divided into 10 (ten) sub-districts and consists of 133 villages. According to the results of the population registration carried out by the Central Statistics Agency (BPS) at the end of 2015, the population of Tabanan Regency reached 448,033 inhabitants. The population is spread over ten sub-districts in Tabanan Regency. Most of the Tabanan Regency area is a rural/mountainous area.</p>	Page: 3 Paragraph: 2

	<p>show both the driving and restraining forces separately</p> <p>(4) I personally perceive that this is a qualitative study. If it is so, the results should follow the guidelines for reporting a qualitative study, i.e. quotes</p> <p>(5) The discussion section has not clearly explained the findings. Try to compare what have been found in this study and what have been found in other similar studies. What are the similarity and what are the differences? Explain in which findings of this study could be linked to strategies mentioned in this paragraph.</p> <p>(6) Check the conclusion. Are they what the Commented [DS6]: This is my additional comments 7 authors found in this study? I can't find them in the results.</p> <p>(7) What is the strength and the limitation of the study? And how the findings can contribute to the current knowledge ? what is the future direction based on the strength and the limitation of this study?</p>		<p>The distribution of the area is shown in Table 1. Tabanan Regency has 20 Puskesmas, covers UKGS in 310 Elementary Schools, and each Puskesmas has two dentists.</p> <p>Questionnaires, field observations, suggestions, and expectations of UKGS staff (Puskesmas and school), as well as head school are expected to improve the quality of UKGS program services at Tabanan Puskesmas.</p> <p>(2) revised</p> <p>(3) Figure 1</p> <p>(4) revised to qualitative study</p> <p>(5) revised</p> <p>(6) revised</p> <p>(7) This research was carried out during the COVID-19 pandemic, which is the main limitation of this research, so that respondents can only be taken from 15 UKGS Puskesmas officers. The findings of this study have important implications, that the UKGS program is very important to be immediately noticed by parents, the Health Office, the government, research and community service institutions and funders, considering that only about 5% of the UKGS program can be active, on the other hand. The condition of students' dental health is getting worse. It is recommended for the development of the Innovative UKGS program, namely the development of a little dentist with a garden of</p>	<p>Page: 5 Paragraph: 3</p> <p>Page: 7 Paragraph: 1</p> <p>Page: 6 Paragraph: 1</p> <p>Page: 7 Paragraph: 1</p> <p>Page: 8-10 Paragraph: 1</p> <p>Page: 10 Paragraph: 1</p> <p>Page: 10 Paragraph: 1</p>
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			<p>nutritious medicinal plants which is the main focus of the physical education and health curriculum, as well as appearing on the Ministry of Health Website. It is recommended for the development of the Innovative UKGS program, namely the development of a little dentist with a garden of nutritious medicinal plants which is the main focus of the physical education and health curriculum, as well as appearing on the Ministry of Health Website. The findings of this study have very important implications, both for readers, students, parents of students, UKGS officers (schools and health centers), principals, heads of health centers, leaders of the Health Service, as information that the UKGS program is more than 95% unable to be active because of constraints. lack of funds, and the importance of paying attention to dental health for elementary school students.</p>	
Reviewer 3 (RV3)				
1.	Commented [DS1]: Incomplete sentence !		Revised	Page: 1 Paragraph: 1
2.	Commented [DS2]: Oral health index are tools for measuring oral health-related diseases/problems/conditions. The index will not increase. So, what does "increase" in these statements? Does the number of cases increase? Or anything else	<p>The caries index and periodontal disease tend to decrease in developed countries as a result of targeted preventive dental health programs. On the other hand, in developing countries such as Indonesia, the index of caries</p>	-	Page: 2 Paragraph: 1

		and periodontal disease tend to increase. Efforts to overcome the occurrence of caries and periodontal disease have not yet shown significant results when measured by dental health indicators.		
3.	Commented [DS3]: What are the indicators used to evaluate the success of the efforts?	-	Revised	Page: 2 Paragraph: 1
4.	Commented [DS4]: Reference? Commented [DS5]: What does it refer to here? Commented [DS6]: Hard to understand. Too long sentence. Consider to rewrite	The dental and oral problems of Balinese people are higher than the national average, which is 58.4%. One of the reasons is that 95.7% of Balinese people have never visited a dental health service. In addition, only 5.3% of Balinese people brush their teeth at the right time, namely twice a day, in the morning after breakfast, and at night before going to bed. It allows for other factors that influence the high level of dental and oral problems in the Province of Bali, one of which is the behavior of brushing teeth that is not good and correct, and dental and oral health services are	The dental and oral problems of the people in Bali are higher than the national average, which is 58.4%. One of the reasons is that 95.7% of Balinese people have never visited a dental medical facility. What's more, only 5.3% of Balinese people brush their teeth at the right time, namely twice a day, in the morning after breakfast, and at night before going to bed. It allows for other factors that influence the high level of dental and oral problems in the Province of Bali, one of which is the behavior of brushing teeth that is not good and correct, and dental and oral health services are not evenly distributed. ⁵	Page: 2 Paragraph: 2

		not evenly distributed.		
5.	Commented [DS7]: Hard to understand. Consider to rewrite Commented [DS8]: Incoherent paragraph		Revised	Page: 2 Paragraph: 2
6	Commented [DS9]: What capacity? Commented [DS10]: What for? And how does this link to the previous sentence? Commented [DS11]: What kind of efforts?	The Health Law of the Republic of Indonesia states that health management organized by the government and the community is directed at developing and increasing capacity. The district/city government must provide at least 1 (one) Puskesmas in each sub-district. The establishment of more than 1 (one) Puskesmas is based on service needs, population size, and accessibility considerations so that the efforts can be implemented efficiently and effectively. 3	-	Page: 3 Paragraph: 5
7	Commented [DS12]: Need to reorganize those paragraphs 1. Introduce the problems of dental caries in school children in Indonesia, particularly in Bali. 2. Introduce UKGS as a part of activity programs in Puskesmas aiming to deliver dental and oral health services for school children. 3. What kind of activities are included in UKGS? 4. Describe how UKGS is carried out in the working areas of Puskesmas Tabanan? What are the results in terms of dental and oral		*Tabanan Regency in Bali Province is one of the regencies in Indonesia that has a prevalence of dental caries experience that is higher than the national prevalence of 68.2%. *Based on interviews with school principals, it was found that most UKGS in the Tabanan district were not active. This is in accordance with the results of a study in Denpasar that more than 95% of UKGS were inactive	Page: 2 Paragraph: 1-3

	<p>health of school children there? Has there been any evaluation regarding the effectiveness of UKGS there? What are the results if available? By doing this, the research/knowledge gap can be identified. The authors need to describe the condition in the location of the study (not only the general implementation of UKGS). If there is no data currently available to give such a description, the authors can provide a reference from other areas, then identify the research /knowledge gap. Then, explain the significance of the study. Commented [DS13]: Rewrite this aim, so it is in line with the title Commented [DS14]: This manuscript needs a professional editing and proofreading service.</p>		<p>* UKGS is a technical strategy for implementing dental and oral health for elementary school students. The scope of its activities is to carry out dental health checks, routine dental care, and dental and oral health counseling for school children.</p>	
8	<p>Commented [DS15]: This is the analytical framework used in this study Commented [DS16]: Ethical clearance number? Commented [DS17]: There was no questionnaire survey here. How could it be called a mixed-method study? A mixed-methods study consists of both the quantitative and the qualitative methods, in which there should be an interface or a link between both methods. Then, the results should have not only the quantitative and qualitative findings separately, but also the synthesis of the results. I am not sure if this study is a mixed methods study. I personally perceive that this is a qualitative study. If it is so, the results should follow the guidelines for reporting a qualitative study, i.e. quo</p>		<p>Ethics approval was obtained from the Ethics Review Board of the Faculty of Dentistry at Mahasaraswati Denpasar University (No.356/A.17.01/FKG-Unmas/III/2022).</p> <p>A qualitative method study was carried out using the FFA regarding improving the quality of UKGS in Puskesmas Tabanan, Bali, in 2020.</p>	<p>Page: 4 Paragraph: 1-3</p>

9	<p>Commented [DS18]: The results should be started with the characteristics of the respondents. How many schools were involved? How many respondents were included in each process of data collection and who are they? Commented [DS19]: There is no explanation about carrying out a questionnaire survey and field observation in methods. Commented [DS20]: Table 1 is not about the procedure, Commented [DS21]: It would be clearer if table 1 and table 2 is merged into one table. Commented [DS22]: Inconsistent term. In methods, the authors said restraining forces</p>			Page: 2 Paragraph: 1
	<p>Commented [DS23]: Which are the driving forces? And which are the constraining factors? The authors should have another table or a diagram to show both the driving and restraining forces</p>		Figure 1	Page: 7 Paragraph: 3
	<p>Commented [DS24]: Make it in a table or a diagram Commented [DS25]: Make an interpretation of the findings not just repeat what has been written in the table above.</p>		Figure 1	Page: 7 Paragraph: 3
	<p>Commented [DS26]: The discussion section has not clearly explained the findings</p>		Revised	Page: 7-10 Paragraph:
	<p>Commented [DS27]: Little dentists are not mentioned as one of the activities or strategies in the results.</p>			Page: 9 Paragraph: 3
	<p>Commented [DS28]: Whose study? It doesn't appear in the results Commented [DS29]: Try to compare what have been found in this study and what have been found in other similar studies. What are the similarity and what are the differences? Explain in which findings of this study could be</p>		Revised	Page: 9 Paragraph: 3

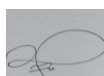
	linked to strategies mentioned in this paragraph.			
	Commented [DS30]: Are they what the authors found in this study? I can't find them in the results.		Revised	Page: 9,10 Paragraph: 4, 1
Managing Editor (ME). B -Review 2				
1.	Commented [Office1]: Add the statement regarding ethical clearance with the number		Ethics approval was obtained from the Ethics Review Board of the Faculty of Dentistry at Mahasaraswati Denpasar University (No.356/A.17.01/FKG-Unmas/III/2022).	Page: 4 Paragraph: 1
2.	Commented [Office2]: How determine and select the sample How to calculate or determine the sample size ?		The method of determining and selecting samples is by purposive sampling	Page: 3 Paragraph: 4
3.	Commented [Office3]: Please more detail and specific on inclusion and exclusion criterias		Revised	Page: 3 Paragraph: 4
4.	Commented [Office4]: Expand the abbreviation		Revised	Page: 9 Paragraph: 2
5.	Commented [Office5]: Please follow the guideline for the reference section		Revised	Page: 10-12 Paragraph: 1

[Dear Editors and reviewers, thank you very much for your help and attention, I wish you more success and happiness. Good luck for you]

In addition to the above comments, all spelling and grammatical errors pointed out by the reviewers have been corrected. We look forward to hearing from you in due time regarding our submission and to respond to any further questions and comments you may have.

Sincerely,

I Gusti Ayu Ari Agung, IN Panji TP May 3, 2022,



Strategy for improving the quality of School Dental Health Efforts at Tabanan Public Health Center

ABSTRACT

Background: The School Dental Health Efforts *or unit kesehatan gigi sekolah (UKGS)* is a public health effort to maintain and improve the dental and oral health of elementary school students. UKGS is a strategy and the flagship program of dental health services in schools. The implementation of UKGS involves three elements, namely *the pusat kesehatan masyarakat (health centre) the pusat kesehatan masyarakat (health centre)*, schools, and parents. The three elements in UKGS are the driving force and restraining force that greatly affect the quality of UKGS services. **Purpose:** The aim is to analyze strategies that can improve the quality of UKGS at Tabanan Puskesmas. **Methods:** This research used evaluative research and was analyzed by Kurt Lewin's Force Field Analysis. **Results:** The results showed that the driving force was the availability of skilled and knowledgeable health workers and UKGS personnel who were willing to carry out the UKGS program. In addition, there were also restraining forces in the form of infrequent visits by officers to schools, lack of equipment and material facilities, and lack of budget for the UKGS activities. **Conclusion:** Strategies that can improve the quality of UKGS at Tabanan Puskesmas can be done by utilizing the facilities at the Puskesmas for The School Dental Health Efforts activities in schools, transmitting knowledge and skills from Puskesmas officers to The School Dental Health Efforts staff in schools and increasing the budget by means of self-help. It is recommended for the development of the Innovative UKGS program, namely the development of little dentists with a nutritional, medicinal plant garden, which is the main focus for the school curriculum and the Ministry of Health website.

Keywords: school dental health efforts; curriculum; medicinal plant garden, dental health education, dentistry

INTRODUCTION

The Global Burden of Disease Study 2019 estimated that oral diseases affect close to 3.5 billion people worldwide, with caries of permanent teeth being the most common condition¹. Globally, it is estimated that 2 billion people suffer from caries of permanent teeth¹ and 520 million children suffer from caries of primary teeth¹. In most low-income and middle-income countries, the prevalence of oral disease continues to increase as urbanization grows and living conditions change. This is mainly due to inadequate exposure to fluoride (in water supplies and oral hygiene products such as toothpaste), the availability and affordability of high-sugar foods, and poor access to oral health care services in the community.²

The World Health Assembly approved a Resolution on oral health in 2021 at the 74th World Health Assembly. The Resolution recommends a shift from the traditional curative approach towards a preventive approach that includes promotion of oral health within the family, schools, and workplaces, and includes timely, comprehensive, and inclusive care within the primary healthcare system.³

Dental and oral diseases in Indonesia are at the top of the list of the top 10 diseases most common disease Indonesian people complain. The perception and the behavior of the Indonesian people towards dental and oral health are still poor. It can be seen from the large number of dental caries and oral disease in Indonesia, which tends to increase,⁴ therefore dental health problems in Indonesia still need attention. The prevalence of caries and periodontal disease is still relatively high. The caries index and periodontal disease tend to decrease in developed countries as a result of targeted preventive dental health programs. On the other hand, in developing countries such as Indonesia, the index of caries and periodontal disease tend to increase. Efforts to overcome the occurrence of caries and periodontal disease have not yet shown significant results when measured by dental health indicators.⁴

The dental and oral problems of the people in Bali are higher than the national average, which is 58.4%. One of the reasons is that 95.7% of Balinese people have never visited a dental medical facility. In addition, only 5.3% of Balinese people brush their teeth at the right time, namely twice a day, in the morning after breakfast, and at night before going to bed. It allows for other factors that influence the high level of dental and oral problems in the Province of Bali, one of which is the behavior of brushing teeth that is not good and correct, and dental and oral health services are not evenly distributed.⁵

Childhood aged 6-12 years are often referred to as vulnerable times because milk teeth start to fall out one by one, and the first permanent growth begins (age 6-8 years). The new teeth are immature and vulnerable to damage. Tabanan Regency in Bali Province is one of the regencies in Indonesia that has a prevalence of dental caries experience that is higher than the national prevalence, which is 68.2%. To control dental and oral diseases by the Community Health Center / (hence abbreviated as *pusat kesehatan masyarakat* (Puskesmas) through the actualization of the local School Dental Health Efforts *or unit kesehatan gigi sekolah* (hence abbreviated as *UKGS*) for both examination and treatment of dental and oral diseases

is still **Formatted: Font: Italic** low. Public awareness of dental and oral health is also still low, so it is necessary to develop a health improvement system through counseling and improving the quality of services.⁵ The Health Law of the Republic of Indonesia states that health management organized by the government and the community is directed at developing and increasing capacity. The district/city government is obliged to provide at least 1 (one) Puskesmas in each sub-district. The establishment of more than 1 (one) Puskesmas is based on the consideration of service needs, population size, and accessibility so that the efforts can be implemented efficiently and effectively. ⁶

The Puskesmas program on *UKGS* was not yet optimal. This shows that the implementation of *UKGS* has not succeeded.⁷ The efforts to improve dental and oral health services, especially in elementary schools, face several obstacles which certainly require solutions. Obstacles faced include the limited number of dental health workers in elementary schools. The Health Law of the Republic of Indonesia no. 36 of 2009 concerning health, improvement in health status can be realized by increasing integrated health facilities and public health services, integrated and sustainable carried out by health workers according to their area of expertise. Therefore, it is necessary to strengthen integration both across programs and across sectors, and its development is the duty and responsibility of health workers, teachers, and parents. The Puskesmas, as the *UKGS* development team at the sub-district level, has an important role, especially in dental and oral health services such as screening for dental and oral health problems, regular dental health checks, and counseling. The role of teachers in schools is also crucial, that is, to monitor the students' behavior daily.⁸

The *UKGS* is a technical strategy in implementing dental and oral health for elementary school students. The scope of its activities is to carry out dental health checks, routine dental care, dental and oral health education for school children. The aim is that after graduating from elementary school, students have good dental and oral health and also have an awareness of the importance of maintaining dental and oral health.³ It is necessary to have a strategy to improve services and human resources quality through the *UKGS* program. Therefore, the purpose of writing this article is this study is to determine investigate the driving and inhibiting factors in developing efforts to improve the quality of *UKGS* services.

MATERIALS AND METHODS

This research used evaluative research and was analyzed by *Kurt Lewin's Force Field Analysis*,⁹ which assesses and easures results with standard indicators. The technique used is **Commented [Office1]:** Add the statement regarding ethical clearance with the number 2 Force Field Analysis (FFA) approach by analyzing inputs including the condition of health centers and elementary schools, the availability of *UKGS* program tools and materials, *UKGS* program implementation guidelines, *UKGS* program planning, and *UKGS* program budget. In addition, the process analysis includes planning discussions, counseling to teachers, parents, and students, screening, plenary treatment, mass toothbrushing, recording and reporting, monitoring, evaluation, and feedback.¹⁰ The results of the input and process analysis are expected to provide input that can produce efforts to improve the quality of *UKGS* services. The data obtained were analyzed using FFA to determine the key restraining force (RF) and driving force (DF) of the study results.

A mixed-method study was carried out using the FFA regarding improving the quality of *UKGS* in Puskesmas Tabanan, Bali, in 2020. This study included six steps for improving the quality of *UKGS*: first, discover DF and RF from references; second, select key DF and RF through focus group discussion; third, DF and RF assessment by the first group (*UKGS* officers); fourth, determine key DF and RF from head school perspective; fifth, key DF and RF assessment of the findings of the experts from references; and sixth, formulate strategies that can maximize DF and suppress RF.

The population in this study were 40 *UKGS* officers at Tabanan Health Center. The research sample consisted of 15 *UKGS* officers who had signed a **writtenn** informed concern. The sample was taken by *Cluster Random Sampling*, where each *UKGS* officer with one elementary school.⁹ Inclusion criterias are *UKGS* Puskesmas Tabanan officers who are willing to be investigated, by signing the Informed Concent. The exclusion criteria were *UKGS* Puskesmas Tabanan officers who were not willing to be investigated. The drop out criteria is the research sample for some reason cannot continue the research.

Commented [Office2]: How determine and select the sample How to calculate or determine the sample size ?

Commented [Office3]: Please more detail and specific on inclusion and exclusion criterias

RESULTS

Tabanan Regency is divided into 10 (ten) sub-districts and consists of 133 villages. According to the results of the population registration carried out by the Central Statistics Agency (BPS) at the end of 2015, the population of Tabanan Regency reached 448,033 inhabitants. The population is spread over ten sub-districts in Tabanan Regency. Most of the Tabanan Regency area is a rural/mountainous area. The distribution of the area is shown in Table 1. Tabanan Regency has 20 Puskesmas, and each Puskesmas has two dentists.

Dear Editor of DJMKG,

Thank you for giving me the opportunity to submit a revised draft of my manuscript titled **[Strategy for improving the quality of School Dental Health Efforts (UKGS) at Tabanan Public Health Center (Puskesmas)]** to Dental Journal (Majalah Kedokteran Gigi). We appreciate the time and effort that you and the reviewers have dedicated to providing your valuable feedback on my manuscript. We are grateful to the reviewers for their insightful comments on my paper. We have been able to incorporate changes to reflect most of the suggestions provided by the reviewers. We have highlighted the changes within the manuscript.

Here is a point-by-point response to the reviewers' comments and concerns. **No.**

Revision-1

Reviewer 1 (RV1)

	Reviewer comments	Before revision	Revision	Notes
1.	Commented [d1]: "Spearhead" Should be written as "Flagship Program"	spearhead	Flagship program	Page:1 Paragraph:1
2.	Commented [d2]: "three element" Should be written as "three man stakeholders"	Puskesmas, schools and parents	Puskesmas, schools and parents	Page: 1 Paragraph: 1
3.	Commented [d3]: What do researcher mean with "encouraging and inhibiting". Is it true that "Parent, shoool and Puskesmas inhibit UKGS?"	Encouraging and inhibiting	driving force, and restraining force	Page: 1 Paragraph: 1

Commented [d4]:
You have two

- | | | | | |
|----|--|--------------------------------------|--|-------------------------|
| 4. | Commented [d4]:
You have two key words which don't have consistency: "encouraging and inhibiting" and "motivating and inhibiting". Which one is suitable with Kurt Lewin's Force Field Analysis theory? | motivating and inhibiting | driving force to change, and restraining force to change | Page: 1
Paragraph: 1 |
| 5. | Commented [d5]:
In Kurt Lewin's theory the name is "Force Field Analysis", it's not "Strength Field Analysis" | Strength Field Analysis | Force Field Analysis | Page: 1
Paragraph: 1 |
| 6. | Commented [d6]:
In Kurt Lewin's Force field Analysis, they use terms "Driving Force to Change and Restraining Force to change". You use term "Driving Factor and inhibiting factor". Which theory actually you choose as a basic theory in your research methods? | Kurt Lewin's Strength field Analysis | Kurt Lewin's Force field Analysis | Page: 1
Paragraph: 1 |