



Ratna Dwi Wulandari <ratna-d-w@fkm.unair.ac.id>

JPHR - J Public Health Res - paper #1885 - Submission Acknowledgement

1 message

Nadia Moscato <nadia.moscato@pagepress.org>
To: Ratna Dwi Wulandari <ratna-d-w@fkm.unair.ac.id>

Mon, Aug 3, 2020 at 6:01 AM

Dear Ratna Dwi Wulandari,
thank you for submitting the manuscript "The Effect of Sexual Activity on The Use of Modern Contraceptive Methods among Childbearing Age Women in Indonesia" to the Journal of Public Health Research.

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://www.jphres.org/index.php/jphres/authorDashboard/submission/1885>
Username: ratna_dw

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

With best regards,
Nadia Moscato

[Journal of Public Health Research](#)

JPHR - J Public Health Res - paper #1885 - Editor Decision - Major Revisions

1 message

Academic Editor <nadia.moscato@pagepress.org>

Tue, Sep 29, 2020 at 1:59 PM

To: "Mr. Agung Dwi Laksono" <agung.dwi.laksono-2016@fkm.unair.ac.id>, Ratna Dwi Wulandari <ratna-d-w@fkm.unair.ac.id>, "Mrs. Ratu Matahari" <ratu.matahari@ikm.uad.ac.id>

Dear Mr. Agung Dwi Laksono, Ratna Dwi Wulandari, Mrs. Ratu Matahari,

Your paper entitled "The Effect of Sexual Activity on The Use of Modern Contraceptive Methods among Childbearing Age Women in Indonesia" has been examined by our external Reviewers and then re-evaluated in-house.

Peer reviewers found merit in this paper but raised major, constructive criticisms and do not consider this manuscript acceptable for publication in its current form. The Reviewers have raised a number of points, provided below/attached for your convenience.

The editorial conclusion is that substantial changes should be made to meet the Reviewers' criticisms.

Your revised manuscript should be accompanied by a covering letter to explain, point-by-point, how you have modified your paper in answer to the Reviewers' comments.

TO FACILITATE THE REVIEW PROCESS PLEASE MAKE ALL CHANGES IN YOUR MANUSCRIPT EASILY IDENTIFIABLE: YOU CAN DO THIS BY USING A DIFFERENT COLOR.

Important: we recommend that you consult/download the Guidelines for Authors of this journal under Submission, as well as its current *Table of Contents*, to ensure that your revised manuscript is written in accordance with the Journal editorial standards (in particular, title page, tables and references style).

The revised manuscript, edited in **.doc** format, should be resubmitted electronically within **4/6 weeks** from the date of the *Editor Decision* message.

To submit the revised version:

1. [Log in](#);
2. Click on the title of your paper;
3. Next to the heading "**REVISIONS**", upload your revised paper by using the "**UPLOAD FILE**" button;
4. Inform the Editors that a revised version has been uploaded.

Moreover, although we encourage resubmission, please be aware that this is not a statement of acceptance or a promise to accept a revised manuscript. The final decision as to this paper's acceptability for publication will depend exclusively on how our current concerns are met.

Please note that if your manuscript is accepted you will not be able to make any changes to the authors, or order of authors, of your manuscript once the editor has accepted your manuscript for publication.

If you wish to make any changes to authorship before you resubmit your revisions, please reply to this email and ask for a 'Request for change in authorship' form which should be completed by all authors (including those to be removed) and returned to this email address

Thank you very much for sending this work to our journal: we look forward to receiving a revised manuscript.

With kind regards,
Academic Editor

Journal of Public Health Research

If improvements to the English language within your manuscript have been requested, you should have your manuscript reviewed by someone who is fluent in English. If you would like professional help in revising this manuscript, you can use any reputable English language editing service. We can recommend our affiliate **Charlesworth Author Services** (<https://www.cwauthors.com/>) for help with English usage. Please note that use of an editing service is neither a requirement nor a guarantee of publication.

 Reviewer B:

The study dwelt on a subject matter that, to my knowledge, has not been examined before. There is merit in the study but there are a number of major and minor issues that the authors should address, as follows:

1. I suggest that the term “association” be used instead of the terms “effect” and “influence” which imply causality. In addition, it would be clearer if the study will qualify that the sexual activity being referred to is recent sexual activity. Given these, I suggest that the title be revised to: “The Association of Recent Sexual Activity with the Use of Modern Contraceptive Methods among Childbearing-Age Women in Indonesia”.
2. Please state the research problem clearly since it is not immediately apparent what the research problem is.
3. The introduction/background focused on contraceptive use. I suggest that a discussion of the sexual activity of women of childbearing age in Indonesia based on the literature be added in the introduction section.
4. Please recheck the figures cited in lines 153-156 (p. 4). The percentages do not tally with the data shown in Table 7.5 of the 2017 IDHS report. Based on the 2017 IDHS, injection/injectable is the most widely used modern FP method followed by pills, not the other way around. For instance, computing the % distribution of modern methods, injections account for 51% while pills account for 21%.
5. Please check the stated analytical sample of 86,039. The sample size of the 2017 IDHS is only 49,627 women (p. 35 of the report).
6. The distribution of sexually active women is disproportionately skewed towards currently married women (formally married and cohabiting women). In addition, since 98% of never married (single) women in Indonesia have never engaged in sexual intercourse (Table 4.7.1 of the IDHS report), we would not expect these women to use any contraceptive method. Hence, I suggest that the study restricts its analysis on currently married women only, or conduct separate analyses for never married and currently married women.
7. Please describe in greater detail the operationalization of the variables used in the study.
8. Re: Table 1. It would be more instructive to see the distribution of sexual activity across each category of the background characteristics, e.g., are there more sexually active women in the younger age groups compared to the older age groups?
9. Add limitations of the study.
10. The sentences are not well-constructed (possibly because of the language barrier) and there are several grammatical and typo errors. Below are some of my specific suggestions on pages 3-4:

Line no.

Comments and suggestions

106

Change “sparing” to “spacing”

130-134

Change to – “While there have been an increase in the contraceptive prevalence rate (CPR) and a decrease in the percentage of women with unmet need for family planning based on trend data from the Indonesian Demographic and Health Survey (IDHS), these indicators have not reached the target of the National Medium-Term Development Plan (2).”

138

Change the term “calmly”

140-142

Change to – “The increase in the CPR is largely on account of the increase in the use of traditional contraceptive methods. From 2002/2003 to 2017, currently married women of childbearing age who use modern contraceptive methods according to the 2002/2003 IDHS until the 2017 IDHS tend to be stagnant in the range of 57 to 58%.”

142-147

I suggest not to underscore the increase in the prevalence of traditional method use because it is minimal, only 2% in the past 15 years. Or add the phrase, “albeit minimal” after “... have increased.”

162

Please use the term “spacing between pregnancies” instead of “distance between pregnancy”

179

Delete "activity in"

191

Delete "owned" and change "the" to "a"

Recommendation: Major Revisions

Reviewer C:

In summary of my comments and suggestion on the manuscript entitle "The effect of sexual activity on the use of modern contraceptive methods among child bearing age women in Indonesia" are as follows:

1. Title:

Should be changed as **Relationship between sexual activity and modern contraceptives (MCs) use among reproductive aged women** in Indonesia. My opinion is not agree with the effect of..... because it seems like to identify effect of an intervention program on the changes in MC use?? But this study is only identify relationship of sexual activity on MC use by extracting secondary data from demographic & health survey. The childbearing age women are not the common words to use, reproductive aged women are appropriate to substitute.

2. Abstract:

Please change the objective as: aimed to identify relationship between sexual activity and MCs use among reproductive aged women in Indonesia. Total 86,039 sampes were obtained from the 1017 Indonesian Demographic and Health and Survey (IDHS). What are the inclusion & exclusion criteria to obtain the data need to be explained in abstract to. All findings need to readjust as comparing between those who were sexual active compared with not active group (adjusted OR should be inverse as $1/0.376 = 2.65$ among non LARC and $1/0.504 = 1.98$ among LARC group, respectively)

3. Introduction

3.1 Need more clear definition of MCs use and types of it as tempolary with both not-LARC and LARC as well as permanent method like sterlization) because in this study focused only tempolary method.

3.2 Also need an explanation on the benefits of MCs use on the third paragraph toward birth spacing and limiting number of childbith.

3.3 Line 149 p 2, need more full name of BPS=?

3.4 Introduction still need more clear evidence-based on previous studies to support on factors related to MCs use and previous studies to support on sexual activity definition and how to measure as well as previous findings on its relationship with the MCs use.

4. Design & method

Data source: Unclear how sampling technique used in the national survey, please put a diagram to show how samples can be obtained. Inclusion and exclusion criteria and sample size calculation also need to give clear explanation. For example; inclusion criteria as reproductive age women 15-49 years, currently living with husband or sex partner at least 3 months, not infertile or sterilization. Exclusion criteria such as pregnant women, incomplete data.

Need more topic on IDHS tools for data collection and its components of data to collect such as socioeconomic data (how many items on this part?); sexual activity (how many items?); MCs use (how many items?); History of delivery and number of living child (how many items?), wealth status etc. Each part's answers like multiple choices, yes-no, or rating scales. Explain on wealth measurement and scoring system in each part of the tools for data collection and its' references for scoring system.

Data analysis: All parts of scoring system of the study variables should be moved to put under the tool for data collection. In the analysis part, need more explanation on descriptive statistics used in this study. Moreover, the assumption of multinomial logistic regression also need to give too. Also put as the significant level was at p-value <0.05 .

5. Results:

Figure1 is difficult to understand and may not cover all descriptive data. All descriptive data should be summarized and put in **Table 1** instead. Information to describe in table 1 should follow all information given in methods such as

5.1 Sociodemographic data (Age groups, marital status, educational level, wealth status)

5.2 Sexual activity in the last 4 weeks

5.3 MCs use (Types, duration to use, reasons to use-- if data is available, for spacing or limiting)

Regard to table 1--Change to Table 2, Very confuse again why the dependent variable in the column was not MCs use??? Then in the column, MCs use (Long lasting, Not LARC) vs Not MCs use should be revised because sexual activity within the last 4 wks was the independent variable the same as the other demographic variables.

Table 2--Change to Table 3, Please revise accordingly to the baseline category and ways to interpret the finding of aOR from both, not LARC and LARC. For example, sexual activity during the last 4 wks should be the exposure level while baseline was not having sex activity during the last 4 wks. If revised accordingly, the adjusted OR will indicate as those who have sexual activity within the last 4 wks tend to use not-LARC 2.65 times when compare with those nonsexual activities. Those who have sexual activity within the last 4 wks tend to use LARC 1.98 times compared with those without sex activity. Regard to marital status, the single group should be used as a baseline when compared with married or living with a partner. This change will make a clear explanation of the relationship of having sex partners will use both non-LARC 34.48 times and use LARC 5.68 times compared with the single group. Also for educational level and wealth status, I think the authors also confuse how to select the baseline group of analysis that made the results difficult to interpret. The poorer the clients, the lower the MCs use due to lack of knowledge, lack of money, low accessibility to family planning services, etc. The education level with MCs use, those illiterate group should be used as a baseline group. Also, those the poorest for the wealth status should be used as the baseline group too. All interpretations of findings in-text explanation should be rewritten to make more clear and understandable.

6. Discussion

6.1 Should start from the percentage of MCs use and types both non-LARC and LARC compared with other findings both in-country and international data.

6.2 Discussion on the first paragraph, an explanation of the finding also indicates the successful dissemination of knowledge about the benefits of using modern contraceptive methods??? Did your study analyze the relationship of knowledge or experience of receiving information on MCs? If not then you could not discuss the reason for this. In the third paragraph, you need to give a clear explanation of the rationale for age groups of those who use the non-LARC and LARC. The non-LARC found among younger age due to the may want to have birth spacing than limiting while the older age tends to use LARC due to their reason for limiting childbirth.

Recommendation: Major Revisions

JPHR - J Public Health Res - paper #1885 - Editor Decision - Acceptance

2 messages

Luigi Barberini <lbarberini@aoucagliari.it>

Thu, Nov 5, 2020 at 2:55 PM

To: "Mr. Agung Dwi Laksono" <agung.dwi.laksono-2016@fkm.unair.ac.id>, Ratna Dwi Wulandari <ratna-d-w@fkm.unair.ac.id>, "Mrs. Ratu Matahari" <ratu.matahari@ikm.uad.ac.id>

Dear Mr. Agung Dwi Laksono, Ratna Dwi Wulandari, Mrs. Ratu Matahari,

We are pleased to inform you that your paper entitled "The Effect of Sexual Activity on The Use of Modern Contraceptive Methods among Childbearing Age Women in Indonesia", after corrections required by reviewers, has been **accepted for publication** in the Journal of Public Health Research.

Your manuscript will now undergo technical editing, and you will hear from our in-house Managing Editor if any additional information or clarification is required.

Please note that your manuscript might be modified during the editing process: our Journal has a broad readership, and we want to make sure that your paper is comprehensible to readers outside the specific field (the scientific content will not be modified).

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All the forms must be sent to nadia.moscato@pagepress.org

Please note that these documents are mandatory for publication.

You will be contacted by the Editorial Office about any other details concerning your manuscript.

With kind regards,
Luigi Barberini
University of Cagliari
lbarberini@aoucagliari.it

[Journal of Public Health Research](#)

Ratna Dwi Wulandari <ratna-d-w@fkm.unair.ac.id>
To: Luigi Barberini <lbarberini@aoucagliari.it>

Fri, Nov 6, 2020 at 5:54 AM

Dear Luigi Barberini,

Thank you for your mail.
Attached proof of payment of APC paid via PayPal.


Regards,

Dr. Ratna Dwi Wulandari

Department of Health Policy and Administration,

Faculty of Public Health, Universitas Airlangga Surabaya, Indonesia

[Quoted text hidden]

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