

## PEER REVIEW HISTORY

BMJ Paediatrics Open publishes all reviews undertaken for accepted manuscripts. Reviewers are asked to complete a checklist review form and are provided with free text boxes to elaborate on their assessment. These free text comments are reproduced below.

### ARTICLE DETAILS

<b>TITLE (PROVISIONAL)</b>	A survey of implementation status of child nutrition surveillance systems, registry systems, and information systems: A scoping literature review protocol
<b>AUTHORS</b>	Sadeghi, Malihe Langarizadeh, Mostafa Olang, Beheshteh Seddighi, Hamed Sheikhtaheri, Abbas

### VERSION 1 – REVIEW

<b>REVIEWER</b>	Reviewer name: Dr. Phillips Obasohan Institution and Country: The University of Sheffield Faculty of Medicine Dentistry and Health, United Kingdom of Great Britain and Northern Ireland Competing interests: None
<b>REVIEW RETURNED</b>	04-Jun-2021

<b>GENERAL COMMENTS</b>	<ol style="list-style-type: none"><li>1. Page 7 (Abstract), Lines 9 &amp; 10. You wish to state where these bodies operate. Are the global bodies or national bodies</li><li>2. Page 7 line 47 (Key words). "Malnutrition Children", are they combined words?</li><li>3 Page 8, lines 7-13. The definition of Pediatric malnutrition is often without the concept of overnutrition. What people often considered as "malnutrition" is simply "undernutrition". See <a href="https://www.mdpi.com/1660-4601/17/23/8782">https://www.mdpi.com/1660-4601/17/23/8782</a></li><li>4. Page 8, lines 24-26. The component of "underweight" is missing</li><li>5page 8, Lines 26-28. Where are you referring to. Globally or in Iran?</li><li>5. Page 8, lines 43-44. You can provide reference for this statistics</li><li>6. Page 10, line 30 Where does "patient registry" comes from? Is it the same at NRS?</li><li>7 Page 11, line 44. The search term does not include "overnutrition" or "overweight"</li><li>8. Page 12 line 7 &amp; 8. You need to distinguish between the type of brackets used for numbering and citations</li></ol>
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<b>REVIEWER</b>	Reviewer name: Dr. Nada Abu Kischk Institution and Country: UNRWA Jordan, health, Jordan Competing interests: None
<b>REVIEW RETURNED</b>	21-Jun-2021

<b>GENERAL COMMENTS</b>	<ol style="list-style-type: none"><li>1. please explain more about this research objectives in the abstract</li><li>2. why is the language in the abstract in future tense ? please modify it</li><li>3. in the abstract, clearly mention the conclusion part of the research.</li></ol>
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	<p>4. specify the citation style</p> <p>5. not sure if this statement is entirely correct "no study has investigated the status of registry systems, surveillance systems, and other systems which monitor children's nutritional status at the national and international levels" a quick pubmed search gave me few articles results, please rephrase or specify the region/country your referring to.</p> <p>6.also after the introduction section, you need to provide an explicit statement of the objective(s) or question(s) the review addresses.</p> <p>7. In the inclusion criteria, did you specify a region or country, this was only mentioned in the abstract. please elaborate</p> <p>8. in the stages sections, you need to specify the date when each source (e.g. database, register, website, organization) was last searched or consulted.</p> <p>9. include a table for Listing and defining all outcomes for which data were sought and specify the methods used to assess risk of bias in the included studies</p> <p>10. is there a reason why the results section is not included? Describe the results of the search and selection process, from the number of records identified in the search to the number of studies included in the review, ideally using a flow diagram.</p> <p>11. discussion: Discuss any limitations of the evidence included in the review.</p> <p>finally, please follow the PRISMA 2020 checklist.</p> <p>note: there are few sentences that need rephrasing in order to exclude any plagiarism. for example:"imbalance between nutrient requirement and intake, resulting in cumulative deficits of energy" please rephrase it</p>
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## VERSION 1 – AUTHOR RESPONSE

Response letter

Dear editor

Thank you very much for giving us the opportunity to respond to the reviewers' comments and revise our manuscript. We also appreciate the encouraging commentary of the associate editor. Below are the reviewers' comments, our responses, and how and where we have modified the manuscript to address these comments. All changes in the manuscript have been highlighted. In our response to the reviewers, the comments of the reviewers are in *italic*, and our responses are in **bold**.

We hope that with these changes and clarifications, our manuscript will be acceptable for publication. Nevertheless, we are prepared to revise our manuscript further, should it be necessary.

Editor in Chief Comments to Author :

The English needs improving.

Response: Thanks for the comment. It is improved

I suggest searching for papers in all languages

Response: It is added. Page 8, line 16.

Associate Editor

Comments to the Author:

This an important scoping review topic, and I do look forward to seeing the final results. I have some observations to make the paper better:

We appreciate the encouraging comments of the Associate Editor.

1. Despite the certificate of English, the English level is still not at an acceptable level especially in the introduction and discussion. Perhaps the authors have an English speaking colleague who can review this carefully.

Response: It is revised and improved.

2. A big weakness of the framing in the paper is describing how nutrition systems that the authors propose to poll are different from large periodic representative surveys (such as the DHS surveys) which many countries use as their primary monitoring approach. The relationship between what the authors propose to examine here (active registry systems) and DHS and similar efforts should be discussed in more detail

Response: Thanks for the Editors' comment. Details are added. Page 8, line 13,14

3. There are typographical errors in the search strategy (e.g "undernurish"

Response: It is corrected.

4. For the search strategy, discussions of date ranges are needed, and discussion of which languages will be searched are needed.

Response: It is added. Page 7, line 6, and Page 8, line 16.

Reviewer: 1

Dr. Phillips Obasohan, The University of Sheffield Faculty of Medicine Dentistry and Health

# **Comments to the Author**

1. Page 7 (Abstract), Lines 9 & 10. You wish to state where these bodies operate. Are the global bodies or national bodies

Response: It is corrected. Page 3, line 7, 8.

2. Page 7 line 47 (Key words). "Malnutrition Children", are they combined words?

Response: No, it is not a combined word, and the mistake is corrected in the latest version.

We did not consider children in the keywords also in search because we might miss many studies.

However, in the inclusions, we consider all studies that include children, either expressly or that include children aged 0 to 18 in the target population, along with other groups.

3 Page 8, lines 7-13. The definition of Pediatric malnutrition is often without the concept of overnutrition. What people often considered as "malnutrition" is simply "undernutrition". See <https://www.mdpi.com/1660-4601/17/23/8782>

Response: Thanks for the comment.

In the new definitions announced by the WHO and UNICEF, malnutrition includes all forms, including overweight and obesity, and we intend to conduct our research according new definitions (Reference 2). In the same article that you sent the link, malnutrition is not precisely defined and only the aspect of undernutrition is considered according to the objectives of their research. But both words "overweight" and "overnutrition" are in the keywords, and also in the article in the link, athours mentioned the 2025 document, the prevention of overweight is included as all dimensions of malnutrition:

"In an attempt to address this global challenge of malnutrition, the World Health Organization (WHO) member states recently signed into effect a commitment to nine global targets by 2025, including a 40% reduction in childhood stunting, a less than 5% prevalence of childhood wasting, to ensure no increase in the number of children who are overweight"

4. Page 8, lines 24-26. The component of "underweight" is missing

Response: I agree with you, but I think in the document (Refrence 2), Probably WHO and others included underweight in wasting and stunting.

5page 8, Lines 26-28. Where are you referring to. Globally or in Iran?

Response: 'Globally' is added to the beginning of the paragraph.

5. Page 8, lines 43-44. You can provide reference for this statistics

Response: It is reference 10.

6. Page 10, line 30 Where does "patient registry" comes from? Is it the same at NRS?

Response: We mean the registry system of a disease in general that was introduced before the definition of the nutrition registry system (NRS). It is corrected.

7 Page 11, line 44. The search term does not include "overnutrition" or "overweight"

Response: Thanks for the reviewer's good comment. These terms are added.

8. Page 12 line 7 & 8. You need to distinguish between the type of brackets used for numbering and citations

Response: It is corrected.

Reviewer: 2

Dr. Nada Abu Kischk, UNRWA Jordan

### Comments to the Author

1. please explain more this research objectives in the abstract

Response: Thanks for the comment. It is added in Line 7 and 8 in the Introduction (abstract)

2. why is the language in the abstract in future tense ? please modify it

Response: This manuscript is the protocol, and we are going to do it in the future, so we are writing the methods for the future time.

3. in the abstract, clearly mention the conclusion part of the research.

Response: Based on this protocol, we want to conduct the research in the future; therefore, we have not achieved any results and conclusion yet.

please follow the note: there are few sentences that need rephrasing in order to exclude any plagiarism. for example: "imbalance between nutrient requirement and intake, resulting in cumulative deficits of energy" please rephrase it

Response: Thanks for the comment. All the sentences are checked and corrected.

4. specify the citation style

Response: It is corrected.

5. not sure if this statement is entirely correct "no study has investigated the status of registry systems, surveillance systems, and other systems which monitor children's nutritional status at the national and international levels" a quick pubmed search gave me few articles results, please rephrase or specify the region/country your referring to.

Response: Thanks for the comment. I agree, the way it was expressed is corrected.

6.also after the introduction section, you need to provide an explicit statement of the objective(s) or question(s) the review addresses.

Response: "Stage 1: Identifying the research question" in the protocol design includes research questions.

7. In the inclusion criteria, did you specify a region or country, this was only mentioned in the abstract. please elaborate

Response: No specific region or country is considered. It refers to all the national and international systems that exist in the field of children in all countries. It is added in inclusion.

8. in the stages sections, you need to specify the date when each source (e.g. database, register, website, organization) was last searched or consulted.

Response: I agree. It is added in stage 2.

9. include a table for Listing and defining all outcomes for which data were sought and specify the methods used to assess risk of bias in the included studies

Response: I agree. The Table is added

10. is there a reason why the results section is not included? Describe the results of the search and selection process, from the number of records identified in the search to the number of studies included in the review, ideally using a flow diagram.

Response: Based on this protocol, we want to conduct research in the future; therefore, we have not achieved any results and conclusion yet.

11. discussion: Discuss any limitations of the evidence included in the review.

Response: It is added. Page 10, line 14-16

finally, please follow the PRISMA 2020 checklist.

Response: It is added in Stage 3 page 8. Line 3-4.

## VERSION 2 – REVIEW

<b>REVIEWER</b>	Reviewer name: Dr. Nada Abu Kischk Institution and Country: UNRWA Jordan, health, Jordan Competing interests: None
<b>REVIEW RETURNED</b>	19-Jul-2021
<b>GENERAL COMMENTS</b>	All comments from the 3rd reviewer were addressed. However, one of the requests was to add any limitations, the authors responded with one limitation. But, with such study scope (being national and international), I would suggest to add more expected limitations i.e, quality of data extracted, size missing of data, etc.

## VERSION 2 – AUTHOR RESPONSE

Response letter

Dear editor

Thank you very much for giving us the opportunity again to respond to the reviewers' comments and revise our manuscript. Below are the reviewers' comments, our responses, and how and where we have modified the manuscript to address these comments. All changes in the manuscript have been highlighted. In our response to the reviewers, the comments of the reviewers are in italic, and our responses are in bold.

We hope that with these changes and clarifications, our manuscript will be acceptable for publication. Nevertheless, we are prepared to revise our manuscript further, should it be necessary.

Formatting Amendments (where applicable):

Editor in Chief Comments to Author :

A couple of issues that MUST be addressed

Associate Editor

Comments to the Author:

The manuscript is improved. Please see the reviewer's questions about limitations.

In addition, my question about framing is not addressed. The introduction needs to engage with the scope of the existing research on DHS and related periodic country-level efforts as well as metanalytic efforts (Global Burden of Disease). These are massive and well documented undertakings, and what this study adds needs to be clearly addressed.

Response: Thanks for the comment. It is added. Page 4 Line 11-15, Page 5 Line18-29, page 6 Line 1-5 and Line 15-16

Reviewer: 1

Dr. Nada Abu Kischk, UNRWA Jordan

Comments to the Author

All comments from the 3rd reviewer were addressed.

However, one of the requests was to add any limitations, the authors responded with one limitation. But, with such study scope (being national and international), I would suggest to add more expected limitations i.e, quality of data extracted, size missing of data, etc.

Response: Thanks for the comment. It is added. Page 11 Line 11-14.