



MUHAMMAD ARIFIN &lt;muhammad.arifin@fk.unair.ac.id&gt;

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## Your submission to Child's Nervous System: Preprint Confirmation

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**In Review at Child's Nervous System** <noreply@springernature.com>

3 November 2022 pukul 20.44

Balas Ke: [info@researchsquare.com](mailto:info@researchsquare.com)

Kepada: Mr Muhammad Arifin Parenrengi &lt;muhammad.arifin@fk.unair.ac.id&gt;

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Springer Nature

Journal submission ID for reference: c8858b58-10e4-42c8-bacc-56c52298c1ec

Submission title for reference: Is Ventricular Lavage a Novel Treatment of Neonatal Posthemorrhagic Hydrocephalus? A Meta analysis

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## Child's Nervous System: Amendment required

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Jhoanna Hernandez &lt;jhoanna.hernandez@springernature.com&gt;

9 November 2022 pukul 15.17

Balas Ke: Jhoanna Hernandez &lt;jhoanna.hernandez@springernature.com&gt;

Kepada: muhammad.arifin@fk.unair.ac.id

Dear Dr. Parenrengi,

Re: "Is Ventricular Lavage a Novel Treatment of Neonatal Posthemorrhagic Hydrocephalus? A Meta analysis"

Our Initial Quality Check of your submission has now taken place. As a result, we need you to address the following points before your manuscript can progress any further:

**1. We have noted that your manuscript is a re-submission of 3a1f556d-2303-4df3-b250-3d3923a22526 from European Journal of Pediatrics. Please include it in the cover letter. In addition, please also provide in the cover letter the reason why you re-submitted your article and a point-by-point response to the reviewers' reports or Editors' comments, detailing where and how you have revised your manuscript in response to the reviewers' comments.**

**2. Please note that all manuscripts must contain all the following sections under the heading 'Declarations'. The Declarations should follow the Conclusions section, and be before the References. Failure to include any of these sections will result in delays in the processing of your manuscript and your manuscript will be sent back to you for amendment before it is sent to the Editor for handling.**

- Ethics approval and consent to participate
- Consent for publication
- Availability of data and material
- Competing interests
- Funding
- Authors' contributions
- Acknowledgements

**If the information required is already provided in the main manuscript, please also copy the relevant statements to the Declarations.**

**If any of the sections are not relevant to your manuscript, please include the heading and write 'Not applicable' for that section.**

Your paper has been placed back in the menu of the submitting author. To access it, please use the following link, making sure you log in with the same email address you registered with:

<https://submission.springernature.com/submission/5e46a597-a9f1-4b06-95bb-09c3b52958f7>

(Press/Click on the above link to be automatically sent to the web page.)

Please make the requested amendments carefully, before selecting the "Submit manuscript" button on the "Review" page. Do not change anything else in your manuscript.

Meanwhile, if you have any questions, please feel free to contact me.  
Kind regards,

**Jhoanna Mae Hernandez**  
(she/her/hers)  
JEO Assistant  
Journals Editorial Office (JEO)

**Springer Nature**

[Jhoanna.Hernandez@springernature.com](mailto:Jhoanna.Hernandez@springernature.com)  
[springernature.com](https://www.springernature.com)

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MUHAMMAD ARIFIN &lt;muhammad.arifin@fk.unair.ac.id&gt;

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## Second Quality Check: "Is Ventricular Lavage a Novel Treatment of Neonatal Posthemorrhagic Hydrocephalus? A Meta analysis"

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Jhoanna Hernandez &lt;jhoanna.hernandez@springernature.com&gt;

10 November 2022 pukul  
21.20

Balas Ke: Jhoanna Hernandez &lt;jhoanna.hernandez@springernature.com&gt;

Kepada: muhammad.arifin@fk.unair.ac.id

Dear Dr. Parenrengi,

On checking your returned submission, I regret to inform you that the changes we requested have not been addressed in full. We shall be forced to withdraw it in three days' time, unless the following amendments have been made:

**1. We have noted that your manuscript is a re-submission of 3a1f556d-2303-4df3-b250-3d3923a22526 from European Journal of Pediatrics. Please include it in the cover letter. In addition, please also provide in the cover letter the reason why you re-submitted your article and a point-by-point response to the reviewers' reports or Editors' comments, detailing where and how you have revised your manuscript in response to the reviewers' comments.**

Your paper has been placed back in the menu of the submitting author. To access it, please use the following link, making sure you log in with the same email address you registered with:

<https://submission.springernature.com/submission/5294cd3b-c940-4d52-ba85-36a282dd8238>

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Please make the requested amendments carefully, before selecting the "Submit manuscript" button on the "Review" page. Do not change anything else in your manuscript.

Meanwhile, if you have any questions, please feel free to contact me.

Kind regards,

**Jhoanna Mae Hernandez**

(she/her/hers)

JEO Assistant

Journals Editorial Office (JEO)

**Springer Nature**

[Jhoanna.Hernandez@springernature.com](mailto:Jhoanna.Hernandez@springernature.com)  
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## Child's Nervous System: Decision on your manuscript

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Child's Nervous System &lt;Jhoanna.Hernandez@springernature.com&gt;

24 November 2022 pukul  
01.49

Kepada: muhammad.arifin@fk.unair.ac.id

Ref: Submission ID c8858b58-10e4-42c8-bacc-56c52298c1ec

Dear Dr Parenrengi,

Your manuscript, "Is Ventricular Lavage a Novel Treatment of Neonatal Posthemorrhagic Hydrocephalus? A Meta analysis", has now been assessed.

We invite you to revise your paper, taking into account the points raised and the general guidelines below. When your revision is ready, please submit it via:

<https://submission.springernature.com/submit-revision/c8858b58-10e4-42c8-bacc-56c52298c1ec>

To support the continuity of the peer review process, we recommend returning your manuscript to us within 14 days. If you think you will need additional time, please let us know by replying to this email.

Kind regards,

Concezio Di Rocco  
Editor  
Child's Nervous System

### SUBMISSION INSTRUCTIONS FOR REVISED PAPERS

Once you have revised your paper, the submitter Muhammad Arifin Parenrengi can use the following link to submit it:

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This must be uploaded as a 'Point-by-point response to reviewers' file. All changes to the manuscript must be highlighted or indicated by using tracked changes.

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## REVIEWER REPORTS

### Reviewer Comments:

#### Reviewer 1

The meta analysis is of importance and the perspective is generally supported.

Some issues should be addressed:

- a similar meta analysis have been published by Kandula V et al., ChNS 2022 with some draw backs. Could you elaborate on the differences and benefits of your analysis in comparison.
- the selected studies as defined in Figure 1 does not become clear, since two different categories are given in the last box. Please clarify.
- several studies are not included for analysis to are mentioned in the reference list (#4, #8). in addition Behrens et al., JNS Peds 2020 for funvctional outcome. Why is that the case. Please elaborate and may be complete those accordingly.



MUHAMMAD ARIFIN &lt;muhammad.arifin@fk.unair.ac.id&gt;

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## Update to the status of your manuscript

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Research Square &lt;info@researchsquare.com&gt;

25 November 2022 pukul 02.02

Kepada: Mr Muhammad Arifin Parenrengi &lt;muhammad.arifin@fk.unair.ac.id&gt;

Dear Mr Muhammad Arifin Parenrengi,

The status of your manuscript "Is Ventricular Lavage a Novel Treatment of Neonatal Posthemorrhagic Hydrocephalus? A Meta analysis" has changed to Under Revision. You can find more information on the status of your manuscript and view peer review activity in your Research Square Dashboard.

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Title: Is Ventricular Lavage a Novel Treatment of Neonatal Posthemorrhagic Hydrocephalus? A Meta analysis

RSID: rs-2234446

Reviewer #1 comments	Responses
<p>A similar meta analysis have been published by Kandula V et al., ChNS 2022 with some draw backs. Could you elaborate on the differences and benefits of your analysis in comparison.</p>	<ul style="list-style-type: none"> <li>- Kandula V et al compared only EVD only to the NEL regarding the mortality rate. This meta analysis also compared NEL to the DRIFT regarding the re-hemorrhage risk. While our meta analysis compared standard treatment modalities (eg. lumbar punctures, ventricular access device/ ommaya device, ventriculosubgaleal shunt (VSgS) and EVD)</li> <li>- Kandula V et al used the meta-regression analysis to compared DRIFT to EVD, and DRIFT to another modalities. While our meta analysis conducted forest plot analysis for comparing between standard treatment to ventricular lavage strategy regarding shunt dependency, risk of infection, severe neurofunctional outcome and also the neurofunctional outcome in early and late approach for PHH treatment.</li> <li>- Kandula V et al mentioned that blood product removal don't have any benefit in reducing shunt dependency. While our meta analysis showed that aggressive blood product removal have benefit in reducing shunt dependency and infection's risk.</li> <li>- Kandula V et al didn't conduct the neurofunctional outcome in the early blood product removal compared to late blood product removal. While our meta analysis did analyze this parameter.</li> <li>- Our meta analysis may give another perspective regarding the benefits of aggressive blood product removal for neonatal posthemorrhagic hydrocephalus treatment.</li> </ul>
<p>The selected studies as defined in Figure 1 does not become clear, since two different categories are given in the last box. Please clarify.</p>	<ul style="list-style-type: none"> <li>- 7 studies were included for the forest plot analysis subgroups</li> <li>- Another 5 studies were added for literature review only, due to these studies don't compare the standard</li> </ul>



	treatment to blood product removal strategy.
<p>Several studies are not included for analysis to are mentioned in the reference list (#4, #8). in addition Behrens et al., JNS Peds 2020 for funvctional outcome. Why is that the case. Please elaborate and may be complete those accordingly.</p>	<ul style="list-style-type: none"> <li>- Reference #4 &amp; #8 , Behrens et al: these article studied NEL only. While our meta analysis compared the standard treatment strategies to blood product removal.</li> <li>- So that we only apply reference #4 &amp; #8 for the review in the discussion section</li> </ul>



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## Child's Nervous System: Decision on your manuscript

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Child's Nervous System &lt;Jhoanna.Hernandez@springernature.com&gt;

9 Desember 2022 pukul  
03.53

Kepada: muhammad.arifin@fk.unair.ac.id

Ref: Submission ID c8858b58-10e4-42c8-bacc-56c52298c1ec

Dear Dr Parenrengi,

Re: "Is Ventricular Lavage a Novel Treatment of Neonatal Posthemorrhagic Hydrocephalus? A Meta analysis"

We're delighted to let you know that your manuscript has been accepted for publication in Child's Nervous System.

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Once again, thank you for choosing Child's Nervous System, and we look forward to publishing your article.

Kind regards,

Concezio Di Rocco  
Editor  
Child's Nervous System



MUHAMMAD ARIFIN &lt;muhammad.arifin@fk.unair.ac.id&gt;

**Proofs for your article in Child's Nervous System ( 5790 )**

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13 Desember 2022 pukul 21.56

**SPRINGER NATURE**

**Article Title :** Is ventricular lavage a novel treatment of neonatal posthemorrhagic hydrocephalus? a meta analysis

**DOI :** 10.1007/s00381-022-05790-3

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MUHAMMAD ARIFIN <muhammad.arifin@fk.unair.ac.id>

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9 Januari 2023 pukul 16.05

Balas Ke: authorsupport@springernature.com

Kepada: Muhammad Arifin Parenrengi <muhammad.arifin@fk.unair.ac.id>

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**Journal**

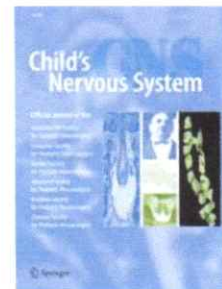
Child's Nervous System

**DOI**

10.1007/s00381-022-05790-3

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