



SDI Review Form 1.6

PART 1:

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| Journal Name: | <u>British Journal of Medicine and Medical Research</u> |
| Manuscript Number: | 2013 BJMMR_4217 |
| Title of the Manuscript: | Antinociceptive effects of ethanolic extract of Hybanthus enneaspermus leaf in male albino rats |
| Type of the Article | Research paper |

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

| | Reviewer's comment | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| Compulsory REVISION comments | <p>Depend to the rules in using the capital and little letter, the title should be written: Antinociceptive Effects of Ethanolic Extract of <i>Hybanthus enneaspermus</i> Leaf in Male Albino Rats.</p> <p>The aim should be just written: to test the hypothesis that <i>Hybanthus enneaspermus</i> leaf has an antinociceptive effect.</p> <p>The sentence: Further study should investigate this analgesic effect in pregnant female rats; written in the conclusion of the abstract should be removed.</p> <p>Line 30: Is it randomization or blinded fashion in treatment?</p> <p>Please make sure whether the data were parametric or non parametric, because the categorical scores were put as the result of this research. this research used a small sample size. If the data were non parametric, the authors couldn't use ANOVA, but still able to use the post-hoc analysis.</p> <p>The sentence in line 218-222 was too long. The authors We could only state that the leaf might have anti-inflammatory effect, because the researchers we didn't measure the inflammation markers in this study (line</p> | |



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| | <p>223-224). The authors could only assume about the anti-inflammatory effect according to previous study (there was an analgesic effect during late phase). Further researches are needed to know the anti-inflammatory effect and the mechanism of this analgesic effect.</p> <p>There is inconsistency between the antinociceptive written in the title and the analgesic written in conclusion. My suggestion that using the antinociceptive term is better, because this research seem to know the antinociceptive effects.</p> | |
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| <p>Minor REVISION comments</p> | <p>Minor revisions of grammatical errors (i.e: tenses) Use comma (,) in appropriate sentences, especially when using adverbs.</p> <p>In line 32: 0.6ml should be written 0.6 ml and 100mg/kg should be written 100 mg/dl, please check the writing in the other lines.</p> <p>Please specify the age of experimental animals.</p> <p>Line 74: were purchased from the were purchased, should be revised.</p> <p>Line 97-103 describe about choosing the experimental animals, is not the part of protocol. It should be stated in introduction or in discussion.</p> <p>Line 125: method of (Hunskar and Hole, 1987), should be written: method of Hunskar and Hole (1987).</p> <p>Line 230-235 refer to suggestion (not discussion), that could be stated after conclusion.</p> | |
| <p>Optional/General comments</p> | <p>This is a good research about the antinociceptive analgesic effect of Hybanthus enneaspermus.</p> <p>Since the agriculture is very important for the standardization of herbs medicine, next time in the other researches it will be better if the herb is cultivated in the standard field and not just bought from a farmer at Oje market in Ibadan, Oyo state, Nigeria (line 84).</p> | |



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| | <p>It should be noted that the dose of acetaminophen in this research is very high, as well as the dose of Hybanthus enneaspermus extract (500 mg/kg and 1000 mg/kg), Next time in clinical research it will hard to make a capsule contain 50.000 mg for a volunteer with 50 kg of body weight (1000 mg/kg); it will be difficult when someone want to grow this research to be a clinical research.</p> | |
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Note: Anonymous Reviewer