

## Review Form 1.7

Journal Name:	<b>Asian Journal of Research and Reports in Endocrinology</b>
Manuscript Number:	<b>Ms_AJRRE_96747</b>
Title of the Manuscript:	<b>Assessment of Reproductive Hormones among Infertile Sudanese Males in Khartoum State</b>
Type of the Article	<b>Original Research Article</b>

### **General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajrre.com/index.php/AJRRE/editorial-policy> )

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**PART 1: 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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>		
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>Review of the article entitled Assessment of Reproductive Hormones among Infertile Sudanese Males in Khartoum State</p> <p>The findings of this manuscript are important for the scientific community. It is within the scope of the journal and suitable for publication after some revision.</p> <p>On page 1, paragraph 1, lines 1 and 2, state a lot of factors Use one space between the adequate number and the unite of measure, for example 40 %, as well as in the rest of the manuscript</p> <p>Paragraph 2, line 1, the past tense should be used for The aim of the study was Paragraph 3, line 2, use comma before, which includes Lines 3 and 4, state The concentrations of reproductive hormones were measured using a full automated Tosoh AIA360 analyzer and then the data were analyzed</p> <p>Paragraph 4, line 1, use plural and passive voice correctly for the serum levels of prolactin and FSH are statistically significantly increased in patients Line 2, brackets should be deleted when stating p value and comma can be used before, as compared to control group, with p value &lt; 0.05, and similarly in the rest of the manuscript Line 3, state significantly increased in patients with azoospermia and insignificantly increased in patients Line 4, state, as compared to control group, with p .values 0.000 and 0.232 Use comma after And,</p>	

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	<p>Line 5, state insignificantly decreased in patients with azoospermia and insignificantly increased in patients Line 6, use plural and delete brackets within p values 0.88 and 0.129 Line 9, comma can be used before, when compared, as well as in the rest of the manuscript</p> <p>Paragraph 5, line 3, use plural for were significantly increased Line 4, use the past tense and comma after And, the serum level of LH was increased significantly Lines 5, 6 and 7 state The serum levels of testosterone and prolactin were insignificantly decreased in azoospermia, when compared with oligoathenospemia, and the serum levels of FSH and LH were significantly increased in azoospermia, when compared with oligoathenospemia. In the Introduction, line 1, state the full term before the abbreviation in the brackets, at the first place it appears, as follows World Health Organization (WHO) Line 3, use spaces within 8 % to 12 % Line 4, use dot and comma after cases; Line 8, state endocrine system Use full terms before the abbreviations in brackets follicle stimulating hormone (FSH) and luteinizing hormone (LH) Line 14, use the third person for indicates Line 15, state Prolactin (PRL) stimulates Line 16 and 17, elevated levels of prolactin decrease the levels of estrogen in women and testosterone in men Line 20, use comma before, such as Line 27, use comma within reference numbers <sup>(11, 12)</sup></p> <p>In Materials and methods, paragraph 2.4, line 1, use plural for males Line 3, state during the study period.</p> <p>On page 2, paragraph 2.5 and 2.6, line 1, use plural for Males Paragraph 2.7, line 2, use plural and comma before, which were divided Paragraph 2.8, line 2, use a space within 70 % Line 5, use plural for 3-5 minutes Line 6, state for the measurement Paragraph 2.9, line 11, use the past tense for was done Line 14, use comma after concentration, Line 18, use a space within &lt; 20 Paragraph 2.10, line 1, use the first capital letter for Tosoh Paragraph 2.11, line 3, state in plural were collected Paragraph 2.12, line 1, state in plural data were analyzed Paragraph 2.13, line 6, state from the administration</p> <p>Move heading 3. Results to the next row In Results, paragraph 1, lines 6 and 7, use a space within 25 % Line 8, state in plural were collected Use a space within 50 % Lines 13 and 14, use the past tense and delete a space within reproductive hormones were measured by Tosoh auto analyzer instrument Line 15, state in plural the results are presented in Tables 1-5.</p>	
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	<p>Place Tables 1-5 after this sentence, where they are first mentioned in the text of the manuscript</p> <p>Paragraph 2, line 4, use comma before, when compared with control group.</p> <p>Begin the next sentence with the first capital letter, use plural and delete brackets within the sentence, as follows</p> <p>The means of testosterone levels in azoospermia and oligoathenospemia are 12.5 and 14.0 and in control group is (12.6) with p. values 0.88 and 0.129, respectively. This is illustrated in Table 1 and showed</p> <p>Lines 11 and 12, use comma before, when compared with control group.</p> <p>Begin the new sentence and the new paragraph with the first capital letter and state as follows</p> <p>The means of prolactin and FSH levels in case group are azoospermia: 242.5, 18.1 and oligoathenospemia: 244.0, 9. and in control group are 162.4 and 6.7, with p. value <math>\leq</math> 0.05, respectively, which is illustrated in Tables 2 and 3.</p> <p>Similarly, use plural adequately and state the appropriate values without brackets in the rest of the Results and manuscript.</p> <p>Paragraphs concerning different tables should be separated.</p> <p>State, which is illustrated or This is illustrated in Table 4..</p> <p>This is illustrated in Table 5.</p> <p>On page 3, in Table 1, round to three decimals P. Value 0.880</p> <p>In Table 2, Std. Dev should be rounded to two decimals, as follows</p> <p>12.35 8.86 17.21 8.86</p> <p>In Table 3, round Std. Dev. 8.20 to two decimals</p> <p>In Table 5, switch the places of columns two and three</p> <p>Std. Dev. 12.35 and 17.21 should be rounded to two decimals</p> <p>In discussion, lines 6 and 7, add a space within 25 %.</p> <p>Line 8, add a space within 50 %</p> <p>Lines 10, 12 and 14, state in plural and the past tense were collected, were measured, were analyzed</p> <p>On page 4, paragraph 1, line 3, state For the initiation</p> <p>It is not necessary to repeat the numerical values given in Tables 1, 2, 3, 4 and 5, as part of the discussion. Tables can be mentioned at the ends of the appropriate paragraphs in discussion, either in brackets, for example (Table 1, 2, 3, 4 or 5), or by stating, which is or This is illustrated in Table 1, 2, 3, 4 or 5.</p> <p>The last sentence of the first paragraph on this page should be modified and divided, for example as follows</p> <p>This agrees with the previous results by Babu, S.R., et al, 2004 and Tadesse, M., et al, 2016 <sup>(15 &amp; 16)</sup>. They found statistically insignificant difference in the level of testosterone between infertile and fertile male.</p> <p>The last sentence of the second paragraph should be</p> <p>Babu, S.R., et al, 2004 and Tadesse, M., et al, 2016 <sup>(15 &amp; 16)</sup> found statistically insignificant increase in the level of FSH in all infertile male, when compared with fertile male.</p>	
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	<p>The last sentence of the third paragraph should be Babu, S.R., et al, 2004 and Tadesse, M., et al, 2016 <sup>(15 &amp; 16)</sup> found statistically insignificant increase in the level of LH in all infertile male, when compared with fertile male. Paragraph 5, line 4, and end the sentence with a dot after oligoathenospermia, which is illustrated in Table 5. It is not necessary to repeat the values mentioned in this table.</p> <p>In conclusion, paragraph 1, line 6, state in plural were, instead of was Line 9, state And, the serum level of LH was increased Paragraph 2, line 4, use the past tense and plural for were significantly increased in azoospermia,</p> <p>Add the last page number to references 2, 10, 11, 12. Add issue numners to references 5, 6, 8, 14, 15 and 17.</p> <p>The English language should be improved at some places. Format the entire manuscript according to the style of the journal.</p>	
<p><b>Optional/General</b> comments</p>	<p>The findings of this manuscript are important for the scientific community. It is within the scope of the journal and suitable for publicatio9n after some revision.</p>	

**PART 2:**

	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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i> There are no ethical issues in this manuscript.</p>	
<p><b>Are there competing interest issues in this manuscript?</b></p>	<p>There are no competing interest issues in this manuscript.</p>	
<p><b>If plagiarism is suspected, please provide related proofs or web links.</b></p>	<p>There is no plagiarism suspected in this manuscript.</p>	

**PART 3: Declaration of Competing Interest of the reviewer:**

Here reviewer should declare his/her competing interest. If nothing to declare he/she can write "I declare that I have no competing interest as a reviewer"

I declare that I have no competing interest as a reviewer.

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### **PART 4: Objective Evaluation:**

Guideline	MARKS of this manuscript
Give OVERALL MARKS you want to give to this manuscript ( Highest: 10 Lowest: 0 )  <b>Guideline:</b> Accept As It Is: (>9-10) Minor Revision: (>8-9) Major Revision: (>7-8) Serious Major revision: (>5-7) Rejected (with repairable deficiencies and may be reconsidered): (>3-5) Strongly rejected (with irreparable deficiencies.): (>0-3)	Minor Revision: (>8-9)

### **PART 5: Reviewer Details:**

**This information is mandatory to prepare the Reviewer Certificate properly.**  
**Certificate preparation will not be possible if incomplete information is received.**

Name of the Reviewer	Tamara Jovanovic
Department of Reviewer	Biomedical Engineering
University or Institution of Reviewer	Faculty of Mechanical Engineering, University of Belgrade
Country of Reviewer	Serbia
Position: (Professor/lecturer, etc.) of Reviewer	Dr, PhD, Associate Research Professor
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5-8 Keywords regarding expertise of Reviewer	Materials, chemistry, medicinal and pharmaceutical chemistry, chemical technologies, nanotechnologies, biomedical engineering, spectroscopy