



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">International Blood Research &amp; Reviews</a>                           |
| Manuscript Number:       | Ms_IBRR_19616                                                                        |
| Title of the Manuscript: | RELATIONSHIP BETWEEN GLUCOSE LEVEL, LIPID PROFILES, AND WAIST TO HEIGHT RATIO (WHtR) |
| Type of the Article      | Short Research Article                                                               |

**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:

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



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**PART 1: Review Comments**

|                                            | <b>Reviewer's comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Author's comment</b> (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)              |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory</u></b> REVISION comments | <p>The subject undertaken by the Authors is very much on time and well founded. In my opinion it should be published, but it needs some supplementation, especially in the chapters: MATERIAL AND METHODS, RESULTS and DISCUSSION (notes below).</p> <p><u>Abstract</u></p> <p>- it should be completed according to the Method and Materials point.</p> <p><u>Method and Materials</u></p> <p>- were the anthropometric measurements taken during the morning hours and were the patients prepared for the measurements (on empty stomach minimum 8 hours after micturition and defecation) after few exercises of spine stretching? Measurements of height and body mass must be accurate, because an error in height measure of 2.5 cm may change the result of measuring the total water in the body by 1 liter and an error in measuring the body mass of 1 kg changes the result of total water by 0.2 liter which changes the calculation of body fat content by 0.7 kg.</p> <p>- was the measurement of body fat percentage (% BF) taken on Tanita Body Fat Analyser device taken with bio-impedance BIA method? If so, than why did not the Authors give such information in methodology and information about conditions of preparing the patients for this study? The conditions of preparing patients influence the amount of Body Water content (%) negatively correlated with Body Fat content (%) (did the patients not take diuretic drugs,</p> | <p>Thank you very much for your kind compliment.</p> <p>Amended. Please see Page 1 line 11</p> <p>Amended. Please see Page 4 line 86 and line 89</p> <p>Amended. Please see Page 4 line 92-95</p> |



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|  | <p>were the women in their first half of cycle, was the thermal comfort provided, did the patients take any liquids containing caffeine or alcohol 24 hour before the measurements, did they, at least 8 - 12 hours before the measurements, not done any physical activity etc.).</p> <ul style="list-style-type: none"> <li>- the Authors also did not give information what configuration was the BIA measures taken in e.g.: hand – foot, foot – foot and what number of electrodes was used e.g.: eight electrodes (two on each hand and foot)</li> <li>- in what places were the measures of waist and hips circumference taken? was it half distance between the inferior margin of costal arch and upper crest of iliac bone and hip circumference at the height of the great trochanters or was it another.</li> <li>- the Authors also did not give the literary source of reference values (or recommended content of Fat ranges) % BF and which they contained in Table 1. (male &lt; 25%, female &lt; 32%). If the reference values were contained in the Tanita device program, literary source should be stated.</li> <li>- information as to which reference values (literary source) was the source of classifying the measurements of arterial blood pressure and literature, should be placed in Methods.</li> </ul> <p><u>Results</u></p> <ul style="list-style-type: none"> <li>- if the LDLC concentration in patients' blood, according to the methodology information was calculated according to Friedewald formula it means that none of the patients had TG concentration in blood ranging 4.5 – 5.64 mmol/l. However, from Table 1 emerges that there were 9 people with Triglyceride concentration from 2.26 to 5.64 mmol/l. To this extremely high content of Triglycerides (5.64 mmol/l) the Friedewald formula cannot be applied to calculate LDLC concentration. However if there were no people with content of TG &gt; 4.5 mmol/l, this fact should be stated in methodology or results description so the reader</li> </ul> | <p>Amended. Please see Page 4 line 92-95</p> <p>Amended. Please see Page 4 line 98-99</p> <p>Amended. Please see Page 4 line 98-99</p> <p>Amended. Please see Page 5 line 121-124</p> <p>Amended. Please see Page 5 line 120-121</p> |
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