Reviewer's report

Title: Early Commitment of Cardiovascular Autonomic Modulation in Brazilian Patients with Congenital Generalized Lipodystrophy

Version: 0 Date: 29 Aug 2017

Reviewer: Jesper Fleischer

Reviewer's report:

This manuscript could be of interest to the readers.

The authors investigated the prevalence of cardiovascular autonomic neuropathy (CAN) in patients with congenital generalized lipodystrophy (CGL) compared with individuals with type 1 diabetes and healthy subjects.

Comments:

1. The introduction is too long. The focus should be on CGL and not on the known description/history of CAN. Please update with this in mind.

2. In the methods section, The HRV parameter (VLF) represents very slow fluctuations and should be avoided in short-term recordings (e.g. ≤ 5 minutes). Please remove or describe the limitation of this parameter in discussion section.

3. In the methods section - In regards to age-dependent reference value shown on (page 11, line 55), the authors refer to an article number 26. However, this reference (number 26) have no description of age-dependent reference values?

4. In the methods section - Please describe in detail how the orthostatic test was performed. It is a response from supine to standing?

5. In the result section the authors found at a positive correlation between leptin and the 30/15. How was the statistical adjustment of insulin resistance and triglycerides performed?

6. Table 1 is very confusing. I would recommend that you delete Table 1 and update Table 2 with the most important variables from table 1.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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