Reviewer's report

Title: Severe hypertriglyceridemia in a subject with disturbed life style and poor glycemic control without recurrence of acute pancreatitis: A case report

Version: 0 Date: 31 May 2019

Reviewer: Atsunori Kashiwagi

Reviewer's report:

Please include all comments for the authors in this box rather than uploading your report as an attachment. Please only upload as attachments annotated versions of manuscripts, graphs, supporting materials or other aspects of your report which cannot be included in a text format.

Please overwrite this text when adding your comments to the authors.

Review
Manuscript number: BEND-D-19-00139

This case report showed a 40-year-old man with a marked hypertriglyceridemia (serum TG 11,175 mg/dl and up-to 16,900 mg/dl) because of VLDL-TG and MIDBAND fraction by electrophoretic separation of lipoproteins. He was also suffered from poor controlled obese type 2 diabetes. Authors emphasized that acute pancreatitis was not complicated in these very high levels of serum hypertriglyceridemia.

Although this case shows very rare condition, the reviewer has an impression that the present information of the case is insufficient why does this case show very severe hypertriglyceridemia in obese type 2 diabetes and his disturbed lifestyle, but stopping drinking as causes for no signs of expression of acute pancreatitis.

The following points are essentials to prevent expression severe hypertriglyceridemia in obese patients with type 2 diabetes as follows;

1. What kinds of lifestyle relating to these severe conditions should be included in this manuscript? Furthermore, what kinds of intervention of life style were given in this patient?

2. The treatment course of type 2 diabetes and hypertriglyceridemia was unclear, since authors started treatments with 160mg fenofibrate and insulin (8 units of degludec) in a patient very poor controlled diabetes (HbA1c 12.9%, hyperketonemia). Reviewer really think this type treatment will be very difficult to control these severe hyperglycemia hypertriglyceridemia.
3. The reviewer think that authors did not mention genetic background and laboratory data and signs and symptoms to show hypertriglyceridemia including hyperlipoproteinemia type III and familiar combined hyperlipidemia.

4. Authors should include lipid parameters such as apo E, Apo CIII, LPL, RLP-cholesterol etc. in Table 1.

5. Do basal and post-heparin LPL activities were improved by insulin treatment?

6. The sentences in this manuscript should be carefully reconsidered.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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

Unable to assess

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

No

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.

Not relevant to this manuscript

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

Not suitable for publication unless extensively edited
Declaration of competing interests

Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

'I declare that I have no competing interests'

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal