Reviewer’s report

Title: Very-Low-Density Lipoprotein Affects Atherosclerosis of Peripheral Artery in Peritoneal Dialysis Patients with Controlled Serum Low-Density Lipoprotein Cholesterol Level

Version: 1 Date: 20 June 2013

Reviewer: Mohammad Reza Khatami

Reviewer’s report:

A: Major Concern:

As the authors mentioned in their paper, the limitation of this study is lack of follow up for longitudinal changes in findings. So it is impossible to assess the association of suspected cause and effects relationship between factors. This is the nature of a cross – sectional studies. Therefore the conclusion of the article might be changed to something rather than the “association” of VLDL and atherosclerosis, as the title has to be changed in this manner. it may be the “metabolism of lipids in P.D patients”.

B: Minor concerns:

1) it is very important to consider residual renal function in each study dialysis patients particularly the P.D Patients. There is no data in this regard.

2) There is no information about the drugs that were used, specially the antioxidant drugs and antiathrosclorosis one.

3) Diabetes perse has a known effect on atherosclerosis process. So we should know the level of diabetes control in patients (e.c: HbA1C level) and the anti hyperglycemic agents that were used.

4) Hypothyroidism is a common incidental finding in up to 25% of dialysis patients that may affect atherosclerosis and lipid profile. What was the status thyroid Function in patients?

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.