Reviewer’s report

Title: Long term hemodialysis aggravates lipolytic activity reduction and VLDL, LDL composition in chronic renal failure patients.

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Reviewer: Tsutomu Hirano

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The authors investigated that the effects of hemodialysis duration on VLDL and LDL compositions and lipolytic activities in 20 patients up to 9 years, and found that TG levels were correlated with hemodialysis duration (HD) with lowered activity for LPL and HL. They also found inverse relationships between hemodialysis duration and LPL activity, and HL activity, which alter VLDL and LDL composition.

These findings provide useful information to understand the mechanisms for dyslipidemia associated with long-term hemodialysis. The study design and methodology are adequate, the results are clear-cut, and the discussion is well written.

I have only one minor comment on this paper. This abbreviation “hemodialysis duration (HD)” is not adequate. HD is usually used as the abbreviation of hemodialysis.