Reviewer's report

Title: Altered Platelets' Morphological Parameters in Children with Type 1 Diabetes - a Case-Control Study

Version: 2 Date: 25 November 2014

Reviewer: Dianna Magliano

Reviewer's report:

This is a case-control study of type 1 diabetes in children designed to investigate whether platelet function, morphology or function is related to type 1 diabetes. This is generally a well presented paper but has some errors of expression and spelling. Minor comments below.

1. Abstract: please delete "treated with insulin", as all type 1 diabetes needs insulin.
2. Abstract is long and wordy. Sections can be removed. eg: methods of HbA1c can be deleted and the description of statistical tests can be edited down.
3. The description "older patients showed lower platelet counts" is not well expressed. Instead, you could say "Age was inversely associated with platelet count in both cases and controls". Also, if age is related to these factors in cases and controls, how and why is that important?
4. "Invitro" should be in italics.
5. Diabetes is spelt incorrectly in line 86 of the introduction
6. The aim at the end of the introduction is poorly worded, please re-word.
7. How were acute complications defined?
8. The wording of the results in the lines 159-161 is confusing. eg: "MPW, PDW and P-LCR were significantly associated with duration of diabetes, but the association disappeared after adjustment for age" may be better.
9. Line 161: I would suggest to start a new sentence. Also, adjustment "for" covariates, rather than "to" covariates.
10. line 166. There is a missing word between "PLT" and "HbA1c"

There are more errors in expression to be corrected. This will help the paper flow better.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

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

none