Reviewer's report

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

**Version:** 2  **Date:** 10 November 2014

**Reviewer:** Neale Cohen

**Reviewer's report:**

Major revisions: While this study does show minor platelet changes associated with type 1 diabetes, the discussion is not balanced. The platelet count was independently associated with metabolic control, however there was no difference between platelet count in the controls and diabetic population. this would suggest that glucose control is not a factor. There needs to be a comment on this disparity.

Discussion of platelet activity seems inappropriate. This study did not measure platelet activity but platelet morphological parameters. There is recent work suggesting platelet 'stickiness', which is unrelated to morphology, is altered in patients with diabetes.

Changes in platelet morphology were small although significant. The increased MPV was of the order of 2%, and the clinical significance of such a small change needs to be discussed.

**Level of interest:** An article of limited interest

**Quality of written English:** Acceptable

**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

I declare that I have no competing interests