Reviewer’s report

**Title:** Elevated C-peptide and insulin predict increased risk of colorectal Adenomas in normal mucosa

**Version:** 1 **Date:** 21 June 2012

**Reviewer:** Shajan Peter

**Reviewer’s report:**

Reviewer comments:

- The authors present a case control study looking at levels of insulin, C-peptide and insulin like growth factor binding protein (IGFBP-1) in those patients who had documented adenomatous polyps or not. They concluded that patients with these polyps had higher levels of insulin, C-peptide and apoptosis on a regression model.
- Were diabetic patients excluded or included in this study??
- It would have been nice to correlate the findings with levels/ expression of IGFIR in the polyps too
- It will be interesting to see the plot graphs of these peptide levels between cases and controls
- Was there a difference in the mean number and size of the adenomas that were removed
- Overall this in an impressive study and seems to also show that increased levels of IGFBP-1 seems to offer a protective role however these results will have to be realized only in larger trials

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

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

**Declaration of competing interests:**

None to declare