Reviewer’s report

Title: The Association Between Celiac Disease and Eosinophilic Esophagitis in Children and Adults

Version: 1 Date: 14 February 2013

Reviewer: Peter Green

Reviewer’s report:

In this study the authors have examined the association of EoE and celiac disease in a population based study.

Major points that need to be addressed.
The most obvious issue is that pediatric gastroenterologists routinely biopsy the entire upper GI tract, while adult GI doctors rarely do this. The authors could examine this and find out the percent of pediatric patients with both biopsies of the esophagus and duodenum and compare this with the adult data.
The data is only as good as the diagnosing physicians. We have no idea from the data how good the physicians are at diagnosing both EoE and CD. The prevalence of both conditions (EoE and CD) in the study population needs to be compared to other North American population derived data / study results. For EoE the authors can compare the EoE prevalence to Olmsted County data and for CD the authors can compare to US derived NHANES data from the recent publication from the Mayo Clinic that demonstrated that CD occurs in ~0.7% of the population with only 17% aware that they have CD.

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.

Declaration of competing interests:

'I declare that I have no competing interests'