Reviewer's report

**Title:** Time Esophageal pH<4 Overestimates the Prevalence of Pathologic Esophageal Reflux in Subjects with Gastroesophageal Reflux Disease Treated with Proton Pump Inhibitors

**Version:** 2 **Date:** 1 February 2008

**Reviewer:** Martin Fein

**Reviewer's report:**

**Major compulsory revisions**

1. The basis for the paper is the analysis of gastric integrated acidity. Therefore, it is necessary to explain this method briefly.
2. The authors have observed that the prevalence of pathologic esophageal reflux in patients treated with PPI is lower when measured by gastric integrated acidity.

What are the consequences for the use of pH-monitoring? Which patients need to have this analysis and what are possible consequences?

(needs to be added in the discussion to show the advance possible by using this method)

**What next?:** Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions

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

**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'