Reviewer's report

**Title:** Safety and survival effect comparison of adjuvant tamoxifen and toremifene in premenopausal patients with ER/PR positive breast cancer: a retrospective cohort study

**Version:** 12  **Date:** 6 November 2011

**Reviewer:** Patrick Neven

**Reviewer’s report:**

The conclusion of this paper is based on retrospective collection of data. There remains a large risk of bias. Although the authors have taken most of my questions/suggestions into consideration the study needs statistical review (the possibility of heterogeneity between groups) and much improvement on its English edition/writing. The paper remains interesting as we do currently not have a lot of info on toremifene in the adjuvant setting of premenopausal women with breast cancer.

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

**Quality of written English:** Not suitable for publication unless extensively edited

**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'