Reviewer’s report

**Title:** Cost-effectiveness comparison between palpation- and ultrasound-guided thyroid fine-needle aspiration biopsies

**Version:** 1  **Date:** 27 November 2008

**Reviewer:** Carlo Cappelli

**Reviewer’s report:**

I have carefully read the new version of the manuscript, that is much improved. However, I still have one point to be clarified.

I am happy to be right about the high prevalence of medullary thyroid cancers (27%)...."in the ultrasound-guided group....".

I don't understand why with "more subjects accumulate in the study ...thyroid medullary cancer will decrease". On the contrary, I believe that same bias has been introduced in the study; for example, is it possible that a cluster of familiar thyroid carcinoma should be present in this series of subjects?

The author should clarify this argument in the text.

**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.