Reviewer’s report

Title: Comparability of localization data in transnasal and transoral esophagogastroduodenoscopy

Version: 2 Date: 22 April 2010

Reviewer: Atsuhiko Murata

Reviewer’s report:

The theme of this paper is unique and interesting. I think that the finding can contribute to the accurate measurement of distance in transnasal esophagogastroduodenoscopy.

However, some revisions are required. Please consider the following points.

(Major compulsory revisions)
1. Authors used the words “esophagogastroduodenoscopy” and “gastroscopy” in this paper. Authors should use the word either “esophagogastroduodenoscopy” or “gastroscopy”. Furthermore, “EGD” should be used as abbreviation if you use “esophagogastroduodenoscopy” rather than “gastroscopy”.

2. Did the patients undergo both the transoral gastroscopy (TOG) and transnasal gastroscopy (TNG) in same day?

3. What is the meaning of the measuring the patient’s height?

4. Authors showed the significant difference between TOG and TNG with regard to the distance to the cardia (Figure 1). I recommend that authors show the p value and statistical methods such as Mann-Whitney U-test or Student’s t test. By showing this, authors’ hypothesis (fourth paragraph in the Introduction (page 4, lines 10)) can be reasonably validated.

5. To highlight the significance of the findings in this paper, authors should describe about the application to clinical endoscopy (e.g. the accurate measurement of distance in esophageal diseases).

(Minor essential revisions)
1. Authors should add the regression equation to Figure legends (Figure 2).

(Discretionary revisions)
1. Introduction of this paper seems to be too long. I think that authors had better delete the first paragraph in Introduction and start from the second paragraph because the content of first paragraph is irrelevant to the theme of this paper.