Reviewer's report

Title: Hip fracture in hospitalized medical patients

Version: 7 Date: 18 October 2012

Reviewer: Masayuki Iki

Reviewer's report:

The authors have revised the manuscript according to the comments and suggestions from the reviewer. The reviewer accepted most revisions and explanations made by the authors except the below.

Minor Essential Revisions:

1. L149 All the univariate analyses were carried out after adjusting for age and gender and comorbidities.

Univariate analysis yields crude values of means, proportions, OR and so on. Adjusted values were generated by multivariate analysis. Most values listed in the results section seem to be crude, but the authors should clearly state which values are crude and which ones are adjusted in the text and tables. And also a method of adjustment should be specified in the statistics section.

2. L193 Eighty-five percent of patients with in-hospital hip fracture have a length of stay over median (OR 1.85 CI 95% 1.56-2.28) and cost was 13 times over median cost (OR 13.9 CI 95% 9.9-19.8) in 195 patients with hip-fracture, even after adjustment for age, gender and comorbidities, if we compared with non hip-fracture patients.

The reviewer cannot follow this sentence. Differences in continuous variables such as a length of stay and cost are evaluated by means or medians. Adjustments of such variables for covariates are accomplished by general linear model or analysis of covariances. The authors should revise the description above and method of statistics.

Discretionary Revisions:

3. Table 1 to 3: Some suggestions for revisions are provided. Authors should revise the tables to increase the clarity.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.
Declaration of competing interests:

I declare that I have no competing interests.