Reviewer's report

**Title**: Vital capacity evolution in patients treated with the CMCR brace. Statistical analysis among 321 scoliotic patients

**Version**: 2  **Date**: 7 April 2011

**Reviewer**: Giampiero Merati

**Reviewer's report:**

The study is now clearly written and focused on a single retrospective analysis. The results section is now clear, and the introduction ad discussion sections appear exhaustive.

# Minor Essential Revisions

1. In the Statistical section the Authors did not declare which method has been used to evaluate the relative importance of the main factors in influencing the evolution of the vital capacity (was it a multiple regression analysis?).

2. In addition, many data are reported as mean, whether some others are shown as median, and non-parametric testing (which?) were used to check for group differences. How was the data normality checked? This is to be declared in the statistical methods section as well.

**Level of interest**: An article of importance in its field

**Quality of written English**: Acceptable

**Statistical review**: Yes, but I do not feel adequately qualified to assess the statistics.