Reviewer's report

**Title:** Decrease of Activities Generating High Impact Forces in Adolescents with Limb Fractures: An Accelerometry-Based Activity Monitor Study

**Version:** 2  **Date:** 12 January 2011

**Reviewer:** Diego Moliner-Urdiales

**Reviewer's report:**

Major Compulsory Revisions

This is a descriptive well written manuscript analysing the influence of limb fractures on physical activity. Authors have objectively assessed physical activity levels in a sample of adolescents with limb fractures and have compared with healthy controls.

Descriptive analysis about the association between physical activity levels and some pathology could be of interest, especially with pathologies that imply long periods of inactivity capable of altering bone composition. Limb fractures in adolescents cause a period of inactivity around 25 days and I am not sure whether this short period of time is enough to cause any effect on bone composition. Therefore, in my opinion the interest of the data remains unclear and authors should clarify this issue before continuing the revision process.

**Level of interest:** An article of limited interest

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests.