Reviewer's report

Title: A comparison approach to explain risks related to x-ray imaging for scoliosis. 2012 SOSORT Award Winner

Version: 1 Date: 30 March 2013

Reviewer: Alberto Zerbi

Reviewer's report:

Minor essential revision
1 refer to more recent UNSCEAR report published: your references are from 1993 and 2000 reports.

2. Tab 3
to be more comprehensible to physicians and parents add the percent ratio of exposition due to XR over the natural background.
Eg: 0.1 mSV dose 0.1/2.4= 4.2% of the 2.4 mSV Total Natural Background Worldwide
and so on.

3 Results, last paragraph, first line correct data 1.090 mSV instead of the reported 1090 mSV.

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.

Declaration of competing interests:
I declare that I have no competing interests