Reviewer's report

**Title:** Reversal of childhood idiopathic scoliosis in an adult, without surgery: a case report and literature review

**Version:** 6  **Date:** 17 May 2009

**Reviewer:** Manuel Rigo

**Reviewer's report:**

This is an article of importance in its field. It is well written and according to the comments made by the other reviewers it is acceptable for publication with no further changes. Following my recommendations the authors have removed the marks they made on the figure showing the initial and final X-ray. Quality of both X-rays is good enough for printing and measurements. The improvement is clear. The Cobb angle has decreased significantly. This is an unquestionable result of the treatment intervention and can not be explained by normal fluctuation. However, I must confirm my first impression. No matter who has measured the X-Ray, dependent or independent, and which was the protocol, the first X-ray shows a right thoracic curve with the upper end vertebra at T5 and lower end vertebra in T11, measuring between 42° and 45° Cobb. The final X-ray shows a right thoracic scoliosis measuring between 30° and 33° between T5 and T11. The only way to get 24° in the final X-ray is taking T7 as upper end vertebra (which is clearly less tilted than T5) and L1 as lower end vertebra (which is also less tilted than T11), which would represent a failure in the procedure measurement.

Recognizing that even with the right numbers the article would keep its importance, what I can not accept is such a discrepancy between X-rays and reported results.

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

**Quality of written English:** Acceptable

**Declaration of competing interests:**

I declare that I have no competing interests