Reviewer's report

Title: A shallow chest correlates with right thoracic curvature in the normal spine: Features resembling those observed in structural scoliosis

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Reviewer: ALAN MOULTON

Reviewer's report:

I am unhappy with the definition of scoliosis given in the first few lines of the paper, could the authors reword the definition. The paper reports findings of a snapshot in time in mature subjects with minimal curves, this should be empathised as a limiting facture in the study. The conclusions should not be as definite as one finds in the paper the aetiology of scoliosis is multifactorial as we know and would not relate to one anatomical factor. Having said the above the facts are well worth reporting and the authors should be encouraged in their endeavours and see if longitudinal data can be collected. I share concerns one of the other reviewers as to the inherent pathology which gave rise to the need for the original CT investigations nevertheless the paper should be published with these modifications.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interest.