Reviewer’s report

Title: Do the SRS-22 self-image and mental health domain scores reflect the degree of asymmetry of the back in Adolescent Idiopathic Scoliosis?

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Reviewer: Prudence Cheung

Reviewer's report:

I congratulate the authors for this study with the manuscript submitted.

I have the following comments:

- Methodology: Any need to demonstrate the correlation between Cobb angle and the asymmetric parameters in this study group?

- Results:
  i) the method of retrospectively identifying subjects - was it by convenience sampling out of a pool of subjects, was the recruitment by random order? The reason for this question is that whether the gender ratio of male: female in this study population be any different to that of the general AIS population? If females (94.1%) are over-represented relatively in this study, whether that females may have a higher aesthetics concern? Or no gender difference that will influence the Self-image scores for instance?

  ii) Is there any results regarding the correlation of total SRS-22 score with the asymmetry parameters? after all the title of the manuscript mentioned 'SRS-22 score' but not specifically stating the domains which were focused on in this study

- Discussion: line 208, page 9: perhaps the terms are '..use of disease-specific, patient-reported questionnaires...'

- Is it possible to give some details regarding the limitation of this study in the Discussion section?

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