Reviewer's report

Title: Minimally Invasive Scoliosis Surgery in Adolescent Idiopathic Scoliosis: Surgical Technique

Version: 1 Date: 26 October 2010

Reviewer: Jeffrey D. Coe

Reviewer's report:

Gentlepersons,

Herein is my review of the article that you had requested me to review, entitled 'Minimally Invasive Scoliosis Surgery in Adolescent Idiopathic Scoliosis: Surgical Technique'.

My comments are in line:

1. Is the question posed by the authors new and well defined?
   Yes

2. Are the methods appropriate and well described, and are sufficient details provided to replicate the work?
   For the most part, yes. The authors do not state how many cases have been done with this technique, however. This should be stated.

3. Are the data sound and well controlled?
   Not applicable.

4. Does the manuscript adhere to the relevant standards for reporting and data deposition?
   Yes

5. Are the discussion and conclusions well balanced and adequately supported by the data?
   Yes

6. Do the title and abstract accurately convey what has been found?
   Yes

7. Is the writing acceptable?
   Yes

Other comments:
I am surprised at the use of Toradol for pain management in spinal fusion patients. Glassman et al, has found that Toradol leads to non-union in spinal fusion surgery. While this may not be the case in children / adolescents, this issue requires discussion.

Figure 5 is out of focus and should be reshot or eliminated.

Beginning with Figure 10, the numbers on the images do not correlate with the Figure number. This needs to be address.

Regards,

Jeffrey D. Coe, M.D.

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

**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'