Reviewer’s report

**Title:** Supplementary Addendum to "Radiation dose of digital radiography (DR) versus micro-dose x-ray (EOS) on patients with adolescent idiopathic scoliosis: 2016 SOSORT- IRSSD "John Sevastic Award" Winner in Imaging Research."

**Version:** 0  **Date:** 30 Oct 2017

**Reviewer:** Jim Raso

**Reviewer's report:**

Abstract not very helpful to understanding the nature of the changes made to the original manuscript: What kind of details were added and why? What was the additional parameter included/not included in the simulation?

Suggested rewording:

From:

"The simulation of effective dose in this article was solely based on using parameters provided in table 2 of the manuscript which only a 0.1mm copper filter was included and the inherent 1.5mm aluminum filter was omitted. We would like to suggest other readers to consider using both filters in the simulation to collect results that would best reflect the real circumstance if they were planning to conduct a similar study.…. We have verified that with the addition of the aluminum filter, the average effective dose from micro dose protocol would be increased from 2.6μSv to 3.1μSv similar to the results conducted by Dr. Pedersen and colleagues."

To:

The simulation of effective dose in this article was solely based on using parameters provided in table 2 of the manuscript which included only a 0.1mm copper filter; the inherent 1.5mm aluminum filter was omitted. We have verified that with the addition of the aluminum filter, the average effective dose from the micro dose protocol would be increased from 2.6μSv to 3.1μSv similar to the results obtained by Dr. Pedersen and colleagues. We suggest using both filters in simulations to determine results that best reflect real circumstance if other investigators plan to conduct similar studies."

**Level of interest**

Please indicate how interesting you found the manuscript:

An article of importance in its field
Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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